Appendix K

Phase I Environmental Site Assessment

Phase I Environmental Site Assessment

Bonanza Peak Phase I Lands
Unincorporated Charleston View

Inyo County, California

Bonanza Peak Solar, LLC

300 Spectrum Center Drive, Suite 1250 | Irvine, California 92839

April 05, 2024 | Project No. 305163001



Geotechnical | Environmental | Construction Inspection & Testing | Forensic Engineering & Expert Witness

Geophysics | Engineering Geology | Laboratory Testing | Industrial Hygiene | Occupational Safety | Air Quality | GIS

Ninyo & Moore

Geotechnical & Environmental Sciences Consultants

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Stephanie Lauer

Bonanza Peak Solar, LLC

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Crystal Castellanos
Staff Geologist



Courtney Brooks
Principal Hydrogeologist

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EXECUTIVE SUMMARY

Ninyo & Moore was retained by Bonanza Peak Solar, LLC to perform a Phase I Environmental Site Assessment (ESA) on the Bonanza Peak Phase I Lands property located primarily in the unincorporated community of Charleston View, in Inyo County, California, with the gen-tie corridor located in portions of Nye and Clark County, Nevada (the Site). The Site is comprised of approximately 208 parcels in Inyo County, 3 parcels in Nye County, and 6 parcels in Clark County. A list of the Assessor's Parcel Numbers (APNs) that comprise the Site are presented in Appendix D.

The objective of this ESA is to identify, to the extent feasible pursuant to the process described in ASTM E1527-21, recognized environmental conditions (RECs), which are defined by ASTM as *"(1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment."* It should be recognized that details were not included or fully developed in this section, and the report must be read in its entirety for a comprehensive understanding of the items contained herein. The results of this ESA are summarized below:

- Historical research revealed that the Site has remained undeveloped since at least 1953.
- On March 11, 2024, Crystal Castellanos of Ninyo & Moore conducted a Site reconnaissance of the property. The reconnaissance involved a visual inspection of the Site, and observations of adjoining properties. At the time of the reconnaissance, the approximate 4,000-acre Site was mostly undeveloped vacant desert transected by few unimproved roadways. A prior assessment noted a fenced weather station located near the center of the Site. Ninyo & Moore was not able to confirm this due to limited accessibility at the time of the site reconnaissance.
- The areas surrounding the Site consist primarily of undeveloped vacant desert.
- Based on our Site visit, there are currently two, 16" domestic/ irrigation wells located on the eastern portion of the Site.
- Ninyo & Moore did not observe quantities of hazardous substances or petroleum products used or stored on Site during our Site reconnaissance.
- Indications of aboveground storage tanks (ASTs), underground storage tanks (USTs), or hazardous material spills or leaks, were not observed during the Site reconnaissance.
- Review of an environmental database report obtained for this project indicated that the Site or adjoining properties are not listed on the regulatory databases researched by Environmental Data Resources Inc. (EDR).

CONCLUSIONS

Ninyo & Moore has performed this ESA in conformance with the scope and limitations of ASTM E1527-21 of the Bonanza Peak Phase I Land property located in unincorporated community of Charleston View, in Inyo County, California. Based on the information compiled during the preparation of this report, this assessment has revealed no evidence of RECs, Historical RECs (HRECs), or Controlled RECs (CRECs) associated with the Site. No evidence of RECs was identified for the adjoining or nearby properties.

RECOMMENDATIONS

Based on the findings of this Phase I ESA, no further investigation is recommended at this time.

1. INTRODUCTION

Ninyo & Moore has performed this Phase I ESA in general conformance with the scope and limitations of ASTM E1527-21 of the Bonanza Peak Phase I Land property located in unincorporated community of Charleston View, in Inyo County, California (Site). This Phase I ESA was conducted for Bonanza Peak Solar, LLC. The following sections identify the purpose, the involved parties, the scope of services, and the limitations and exceptions associated with this ESA.

1.1. Purpose

The objective of this ESA is to identify, to the extent feasible pursuant to the process described in ASTM E1527-21, recognized environmental conditions (RECs), which are defined by ASTM as "*(1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment.*" Identification of RECs will fall into three categories: existing REC (as defined above), Historical REC, or Controlled REC.

Historical Recognized Environmental Condition (HREC) An HREC is defined as "a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls" (such as property use restrictions, activity and use limitations (AULs), institutional controls, or engineering controls). A HREC is an environmental condition which in the past would have been considered a REC, but which may or may not be considered a REC currently.

Controlled Recognized Environmental Condition (CREC) A CREC is defined as a "recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority" (as evidenced by the issuance of a "No Further Action" letter or equivalent, or meeting risk-based criteria established by regulatory authority). Hazardous substances or petroleum products are allowed to remain in place, subject to the implementation of required controls such as property use restrictions, AULs, institutional controls, or engineering controls.

1.2. Involved Parties

Ms. Crystal Castellanos, Staff Geologist with Ninyo & Moore, was the Environmental Professional assigned to this project. Mr. Court Brooks, Principal Hydrogeologist with Ninyo & Moore, performed project oversight and quality review. Resumes of these individuals are included in Appendix A.

1.3. Scope of Services

Ninyo & Moore's scope of services for this Phase I ESA included the following:

- Performed a Site reconnaissance to visually and/or physically observe the interior and exterior of structures and other features on the Site as well as visible exterior features of adjoining properties to identify areas of possibly contaminated surface soil or surface water, and possible risks of contamination from activities at the Site and adjoining properties. Photographs of relevant Site features are provided in Appendix B to this report.
- Reviewed reasonably ascertainable standard environmental record sources including federal, state, and tribal regulatory agency databases for the Site and for properties located within a specified radius of the Site (Appendix C). The purpose of this review was to evaluate possible environmental impacts to the Site and Site vicinity activities. These databases list locations of listed hazardous waste sites, landfills, leaking underground storage tank (LUST), and facilities that use, store, or dispose of hazardous materials and/or petroleum products.
- Reviewed reasonably ascertainable additional environmental record resources including local records and/or additional state or tribal records for the Site and for properties located within a specified radius of the Site. The purpose of this review was to evaluate possible environmental impacts to the Site. These databases list locations of known hazardous waste sites, solid waste landfills, registered storage tanks, emergency releases, and facilities that use, store, or dispose of hazardous materials and/or petroleum products.
- Reviewed reasonably ascertainable standard physical setting sources including a current United States Geological Survey (USGS) 7.5-minute topographic map, and possibly including USGS and/or state groundwater and geologic maps, flood, wetlands and soil maps. The purpose of this review was to note information about the geologic, hydrologic, and/or topographic characteristics of the Site and Site vicinity (Appendix D).

- Reviewed reasonably ascertainable standard historical sources including aerial photographs, historical fire insurance maps, topographic maps, and city directories, as available. The purpose of this review was to review obvious uses of the Site from the present, back to the Site's first developed use, or back to 1940, whichever is earlier (Appendix E).
- Performance of interviews with present owners, operators, and occupants of the Site as well as other knowledgeable parties as appropriate. The purpose of these interviews is to obtain information regarding potential RECs in connection with the Site and adjoining properties (Appendix F).
- Preparation of this ESA report documenting the methodology, findings and opinions regarding RECs on and adjoining the Site.

1.4. Limitations and Exceptions

The environmental services described in this report have been conducted in general accordance with current regulatory guidelines and the standard of care exercised by environmental consultants performing similar work in the project area. No warranty, expressed or implied, is made regarding the professional opinions presented in this report. This document is intended to be used only in its entirety. No portion of the document, by itself, is designed to completely represent any aspect of the project described herein. Ninyo & Moore should be contacted if the reader requires any additional information or has questions regarding the content, interpretations presented, or completeness of this document. The findings, opinions, and conclusions are based on an analysis of the observed Site conditions and the referenced literature. It should be understood that the conditions of a Site could change with time as a result of natural processes or the activities of man at the subject Site or nearby locations. In addition, changes to the applicable laws, regulations, codes, and standards of practice may occur due to government action or the broadening of knowledge. The findings of this report may, therefore, be invalidated over time, in part or in whole, by changes over which Ninyo & Moore has no control. Ninyo & Moore cannot warrant or guarantee that by not finding any indications of a hazardous material during the course of this assessment, that no hazardous materials exist on the site. Conditions may exist at a site that are outside the normal scope of what a Phase I ESA is intended to identify. Such conditions may include clandestine disposal of hazardous waste at a site, in a manner that was unregulated, and/or illegal. Additional research, including invasive testing, can reduce the uncertainty of hazardous materials being present within the air, soil, or groundwater at a specific location, but no techniques now commonly employed can eliminate that uncertainty altogether.

1.5. Special Terms and Conditions

Ninyo & Moore was not made aware of any special terms and conditions associated with the Site.

1.6. User Reliance

This report may be relied upon by, and is intended exclusively for Bonanza Peak Solar, LLC, their successors, and assignees. Any use or reuse of the findings, opinions, and/or conclusions of this report by parties other than the aforementioned is undertaken at said parties' sole risk.

1.7. Physical Limitations

Physical limitations were encountered due to limited access. Several unnamed and unpaved roadways traverse the Site in a north to south and east to west grid. Roadways were had approximately one-half to one-mile separations. The topography and overgrowth of desert vegetation in some areas limited access by vehicle and/or foot. Ninyo & Moore was able, however, to observe the majority of the Site visually, albeit often from a distance.

1.8. Data Gaps

A data gap is a "lack of or inability to obtain data required by this practice despite good faith efforts to gather such data." In completing this ESA, Ninyo & Moore encountered no significant data gaps that affect the ability of the *environmental professional* to identify RECs on the Site or adjoining properties.

2. SUBJECT SITE

The following sections provide a general description of the Site and adjoining properties. Photographs taken during the Site reconnaissance are provided in Appendix B.

2.1. Site Description

At the time of the Site reconnaissance, the Site was predominantly unimproved, undeveloped, vacant land with desert vegetation. The Site is located in the unincorporated community of Charleston View, in Inyo County, California. The Site is situated on multiple parcels totaling approximately 4,000-acres of land. The Site vicinity is depicted on Figure 1 and the Site detail with additional information concerning the surrounding properties is depicted on Figure 2 of this report.

2.2. Site Reconnaissance

On March 8, 2024, Crystal Castellanos, Staff Geologist with Ninyo & Moore, conducted a Site reconnaissance of the property along with another colleague. The reconnaissance involved a visual and physical inspection of the Site, and visual observations of adjoining properties. Ms. Crystal Castellanos and colleague were unescorted around the property during the Site reconnaissance.

2.2.1. Site Improvements

At the time of the Site reconnaissance, the Site was an unimproved, undeveloped, vacant area with desert vegetation. The following summarizes key on-Site observations for indications of the following potential environmental concerns:

On-Site Observations		
Conditions	**Observed**	**Comments**
Hazardous Substances/Petroleum Products	No	
Waste Generation/Storage/Disposal	No	
Unidentified Substance Containers	No	
Storage Tanks (ASTs and/or USTs)	No	
Potential PCB-Containing Equipment	No	Wooden pole transmission line along South Mcr928200 Road and no visible transformers.
Chemical/Petroleum Odors	No	
Concrete Patches/Pads	No	
Pools of Liquid	No	
Sewage Discharge Pipes	No	
Floor Drains/Sumps	No	
Elevator	No	
Wells	Yes	Two water supply wells, designated for irrigation and domestic use, were observed near the eastern boundary of the Site along South Mcr928200 Road. These wells did not appear to be connected to electrical service at the time.
Drums	No	
Indications of Staining	No	
Stressed Vegetation	No	
Pits, Ponds, or Lagoons	No	
Waste Water Discharges/Disposal Systems	No	
Storm Water Systems	No	
Septic Systems/Cesspools	No	
Solid Waste Disposal Areas	No	
Other Environmental Concerns or Conditions	No	

2.2.2. Roads

As shown on Figure 2, the Site is accessible from paved Old Spanish Trail Highway to the south. Multiple unpaved streets traverse from north to south which are Gold Street, Zircon Street, Silver Street, Topaz Street, Quartz Street and unpaved South Mcr928200 Road (California-Nevada border) to the eastern boundary of the Site. Unnamed, unpaved roads traverse the Site east to west.

2.2.3. Site Occupants

At the time of the Site reconnaissance, the Site was vacant, undeveloped land with no occupants.

2.2.4. Source of Potable Water

The Site does not appear to be connected to a municipal water source. This area of Inyo County relies on groundwater from on-Site water wells. Two wells are designated for domestic and irrigation use were located in the eastern boundary of the Site along unpaved South Mcr928200 Road. The wells were not in use and exhibited some minor damage at the wellhead.

2.2.5. Sewage Disposal System

Municipal and/or septic sewer service are not available on the Site or adjoining areas.

2.2.6. Source of Fuel for Heating and Cooling

Heating and/or cooling systems were not identified on the Site.

2.3. Adjoining Properties

The following table lists the properties adjoining the Site and associated land use. Based on the nature of the adjoining properties, information available in agency databases, and observations made during our Site reconnaissance it is not likely that these properties have impacted the environmental integrity of the Site at this time.

Adjoining Properties	
Location	**Description**
North	Mostly undeveloped desert and mountainous terrain. No records of an environmental nature were identified for these properties during this assessment.
South	Old Spanish Trail Highway, commercial buildings and undeveloped desert. No records of an environmental nature were identified for these properties during this assessment. Four out-of-use water supply wells and one groundwater monitoring well were observed along Old Spanish Highway, along with two out-of-use fire-water storage tanks.
East	Mostly undeveloped desert and mountainous terrain. No records of an environmental nature were identified for these properties during this assessment.
West	Mostly undeveloped desert and single-family residences. No records of an environmental nature were identified for these properties during this assessment.

3. USER PROVIDED INFORMATION

The following sections summarize information provided by the user to assist the environmental professional in identifying the possibility of RECs in connection with the Site and to fulfill the user's responsibilities in accordance with ASTM E1527-21. The User Questionnaire was completed on March 4, 2024, by Ms. Stephanie Lauer and on March 5, 2024, by Mr. Steven Scow completed the Owner Questionnaire as Owner Representative. A copy of the Questionnaires are included in Appendix F.

3.1. Title Records

A Preliminary Title Report was not provided to Ninyo & Moore.

3.2. Environmental Liens or AULs

Ninyo & Moore was not informed of the existence of environmental liens or AULs associated with the Site.

A search through the available public records was conducted as part of this Phase I ESA. No environmental liens, past ownership records of concern, or AULs were identified for the Site through the Inyo County Treasurer’s Office, the Inyo County Recorder, or the Inyo County Assessor's Office records. Also, no environmental liens, past ownership records of concern, or AULs were identified for the Site through the Clark County Treasurer’s Office, the Clark County Recorder, or the Clark County Assessor's Office records.

3.3. Specialized Knowledge or Experience

Ninyo & Moore was not informed of the existence of specialized knowledge regarding the Site.

3.4. Relationship of Purchase Price to Fair Market Value

Information pertaining to valuation reduction was not communicated by Ms. Lauer or Mr. Scow to Ninyo & Moore for the purpose of this assessment.

3.5. Commonly Known or Reasonably Ascertainable Information

Ninyo & Moore does not have, and was not informed of the existence of, any commonly known or reasonably ascertainable information pertaining to the Site that is material to the identification of RECs in connection with the Site.

3.6. Degree of Obviousness of Contamination

Information pertaining to the *degree of obviousness of the presence of likely presence of contamination on the property* was not communicated to Ninyo & Moore for the purpose of this assessment.

3.7. Reason for Performing Phase I

This ESA has been completed for the exclusive use of Bonanza Peak Solar, LLC as part of their due diligence for AAI into the development and use of the property.

3.8. Owner, Property Manager, and Occupant Information

The Site is currently owned by multiple individuals and entities, a list of which is included in Appendix D of this report.

4. PHYSICAL SETTING

The following sections include discussions of topographic, geologic, and hydrologic conditions.

4.1. Topographic Conditions

Based on a review of the United States Geological Survey (USGS) 7.5-Minute Topographic Quadrangle Map Series of the Calvada Springs 2021 Quadrangle, the Site is situated at an elevation of approximately 2,580 to 2,640 feet above mean sea level. The general topographic gradient (EDR 2023c) is in a southwest direction. No significant surface topographic features are present aside from numerous ephemeral washes crossing the Site in a general northeast to southwest orientation.

4.2. Geology and Soil Conditions

The Site is located within the Pahrump Valley and the south western boundary of the Basin and Range physiographic province. The Basin and Range province is a large area comprising most of Nevada, and parts of Utah, California and Idaho. It is described as being the result of Miocene aged extension of Cretaceous aged mountain building events. These events resulted in the distinctive structures of interior draining basins, or valleys, separated by generally north to south trending mountain ranges that define the Basin and Range province. Pahrump Valley

is bordered by mountain ranges and adjoining valleys. Pahrump Valley is a naturally formed structural basin as a result of block faulting. The Nopah Range and Kingston Range border to the west and southwest, Springs Mountains to the east, Stewart Valley and Mesquite Valley to the northwest and southeast.

Tertiary and Quaternary-aged basin fill deposits are present throughout the basin as alluvial, fluvial and lacustrine (lakebed) deposits. Coarse grained deposits (primarily sand and gravel) within the basin fill are responsible for transmitting the greatest quantities of groundwater and are most relied upon for groundwater production in the region. The basin fill is generally unconsolidated, moderately to well sorted sand, gravel, silt and clay, and wells completed in the basin fill can yield several hundred gallons per minute. As the axes of the valleys are reached, the sorting of the sediments will increase which can serve to significantly increase the permeability of the sediments. With increasing depth, groundwater production can be expected to decrease in these deposits as increasing lithostatic pressure and infilling of pores coincident with their greater age may occur reducing permeability. Within the basin fill, the fine-grained (clay and silt) deposits that largely comprise the lakebed deposits (for example in the Shoshone Tecopa area) serve as aquitards. Aquitards are low permeability geologic units that inhibit groundwater flow and can serve as confining units. Wells and boreholes that are completed in aquifer materials underlying these aquitards may exhibit artesian conditions such as those observed from flowing wells and borings such as at Borehole Spring and Borax Spring in the Shoshone Tecopa area.

4.3. Site Hydrology

The following sections discuss the Site hydrology in terms of surface water and groundwater.

4.3.1. Surface Waters

Surface waters, including ponds, streams, creeks, lagoons and other naturally occurring bodies of water, were not observed on the Site at the time of our reconnaissance. The nearest named surface water body is Amargosa River, which is located approximately 46 miles to the west of the Site. Numerous ephemeral washes cross the Site in a northeast to southwest direction. Based upon the topographic information obtained from a USGS map, it is presumed that the flow of groundwater in the area is to the southwest.

4.3.2. Groundwater

The Pahrump Valley Groundwater Basin underlies a northwest-trending valley in southeastern Inyo County. Elevation of the valley floor above mean sea level ranges from 2,457 feet at Stewart (dry) Lake to about 3,000 feet in the southwestern part of the basin. The basin is bounded by nonwater-bearing rocks of the Resting Springs and Nopah Ranges on the west and northwest, and by the Kingston Range on the south. Although a substantial portion of the physical groundwater basin extends into Nevada, the California-Nevada state line is the northeastern boundary of the basin. The bordering

mountains within California range in elevation from about 6,400 in the Nopah Range and about 7,300 feet in the Kingston Range. The Spring Mountains of Nevada reach 11,910 feet above mean sea level and provide the principal source of recharge to the basin. Stewart Lake (dry), located in the northwest part of the valley, is about 6 square miles in area, and Pahrump (dry) Lake, located in the central part of the valley, is about 10 square miles in area.

Quaternary alluvium, which forms the primary water bearing unit within the basin, includes unconsolidated younger alluvial fan material underlain by semi consolidated, older alluvium. Maximum thickness of the alluvium is at least 800 feet. Recharge to the basin is derived from the percolation of runoff through alluvial deposits at the base of the bordering mountains, and from the infiltration of precipitation that falls to the valley floor. Groundwater in the alluvium moves towards either Stewart Lake or into Nevada towards Pahrump Lake. Groundwater is confined near the margins of the dry lakes and along the base of the alluvial deposits originating from the Spring Mountains in the Nevada portion of the basin. Groundwater discharge from the alluvial aquifer occurs mainly through pumpage and spring discharge, or by evapotranspiration.

Ninyo & Moore conducted a search of Well Driller Logs on the online database maintained by the California Division of Water Resources and performed a computerized well database search of the Site and vicinity. There were no monitoring wells identified on the Site. Wells identified within the vicinity of the Site had reported static water level readings of ± 100 to 150 feet below existing ground surface. Based on topography, groundwater flow direction in the vicinity of the Site is believed to be toward the southwest.

5. RECORDS REVIEW

The following sections summarize records reviewed for the Site.

5.1. Environmental Record Sources

EDR performed a computerized environmental information database search for the Site and Site vicinity on March 6, 2024. The EDR Area/ Corridor Report (EDR, 2024a) included federal, state, and local databases. The review was conducted to evaluate whether or not the Site or adjoining properties have been listed as having experienced releases of hazardous substances or petroleum products that may have impacted the Site. A list of the environmental databases searched, and their corresponding search distance is included in the EDR Area/ Corridor Report included in Appendix C.

5.1.1. Regulatory Database Listings for the Site

The Site addresses or Site parcels were not listed in the regulatory databases researched by EDR for the Radius Report.

5.1.2. Regulatory Database Listings for Off-Site Properties

No off-Site facilities were mapped within the requested ASTM search radii conducted by EDR that would be expected to have impacted the Site or Site vicinity.

5.2. Additional Environmental Record Sources

To enhance and supplement the standard environmental record sources identified in Section 5.1, additional local and/or federal, state, or tribal records shall be checked when, in the judgement of the EP, such additional records (1) are reasonably ascertainable, (2) and sufficiently useful, accurate, and complete in light of the objective of the records review. Ninyo & Moore contacted the following additional record sources:

- Inyo County Department of Environmental Health (ICDEH)
- State of California, Geologic Energy Management Division (CalGEM)

Descriptions of these agencies are provided in Sections 5.2.1 through 5.2.3 below.

5.2.1. State/County Environmental Record Sources

Ninyo & Moore reviewed the DTSC EnviroStor and the RWQCB GeoTracker websites for hazardous substances or hazardous materials files for the Site parcels. No records were available for the Site through review of these agency databases.

The Inyo County Department of Environmental Health (ICDEH) was contacted regarding hazardous materials or hazardous wastes records associated with the Site parcels. Files or records were not available for the Site addresses and Site parcels.

5.2.2. Local Record Sources

Local regulatory agencies were not contacted during the preparation of this report since the Site addresses or Site parcels were not listed on any regulatory database that indicated an unauthorized release or any spills, leaks or violations.

5.2.3. Gas & Oil Maps

According to the CalGEM Online Mapping System, the Site does not lie within the administrative boundaries of an oil field and no oil or gas wells are located on the Site.

5.3. Historical Use Information

Ninyo & Moore conducted a historical record search for the Site. This included a review of one or more of the following resources that were found to be both reasonably ascertainable and useful for the purposes of this ESA: historical aerial photographs, historical topographic maps, land use records, and interviews with property representatives. The sources listed above provided limited information regarding the historical use of the Site. Information gathered from the sources reviewed as a whole is adequate to develop a history of the previous uses of the Site and adjoining properties in accordance with ASTM E1527-21. The following sections summarize information obtained from the historical sources utilized for this assessment. The following table provides a list of historical sources reviewed for this ESA. Copies of historical research documentation, such as historical aerial photographs and topographic maps, are provided in Appendix E.

Historical Use Information		
Data Type	**Year(s)**	**Data Limitations**
Inyo County Appraiser and Treasurer Website	2024	No significant data gaps identified.
EDR Aerial Photo Decade Package	1953, 1971, 1978, 1983, 1994, 1995, 2006, 2010, 2015, 2019, 2023	Aerial Photographs prior to 1953 were not readily available and were not available in five-year increments. No significant data gap identified.
EDR Historical Topo Map	1956, 1984, 2012, 2015, 2018, 2021	Topographic Maps were not available in five-year increments. No significant data gap identified.

Based on review of historical resources, the Site was an unimproved, undeveloped, vacant area with desert vegetation dating back to at least 1953.

5.3.1. Sanborn Fire Insurance Maps

Sanborn Map coverage was not available for the Site and/or adjoining areas.

5.3.2. Historical Aerial Photographs

Ninyo & Moore reviewed the EDR Aerial Photo Decade Package report (EDR, 2024b) dated March 8, 2024. The report included aerial photographs that begin in 1953. A listing of the photographs reviewed is presented in the following table. Copies of the historical aerial photographs are provided in Appendix E.

Based on the review of the aerial photographs listed below, the Site and Site vicinity appear to have been unimproved, undeveloped, vacant area with desert vegetation since at least the 1950s. No RECs were identified for the Site or adjoining properties based on historical aerial photograph review.

Summary of Aerial Photographs			
Year(s)	**Source**	**Site Comments**	**Adjoining Area Comments**
1953	EDR	The Site appears to be undeveloped desert.	North: Undeveloped desert South: Undeveloped desert East: Undeveloped desert West: Undeveloped desert
1971	EDR	The Site appears to be undeveloped desert and Tecopa Road in Nevada appears to be developed and paved.	North: Undeveloped desert South: Undeveloped desert and Old Spanish Trail Highway appear to be paved. East: Mostly undeveloped desert and unpaved South Mcr928200 Road (California-Nevada border) on the eastern boundary. West: Undeveloped desert
1978, 1983, 1994	EDR	The Site appears to be undeveloped desert and unpaved roads traversing the Site from north to south and east to west.	North: Undeveloped desert South: Undeveloped desert and Old Spanish Trail Highway appear to be paved. East: Mostly undeveloped desert and unpaved South Mcr928200 Road (California-Nevada border) on the eastern boundary. West: Undeveloped desert and single-family residents
2006, 2010, 2015, 2019	EDR	The Site appears to be unchanged from the previous aerial photograph.	The adjoining properties appear to be unchanged from the previous aerial photograph.
2023	Google Earth	The Site appears to be unchanged from the previous aerial photograph.	The adjoining properties appear to be unchanged from the previous aerial photograph.

5.3.3. City Directories

The Site or adjoining properties have no physical addresses; therefore, it was not listed in the City Directories.

5.3.4. Historical Topographic Maps

Ninyo & Moore reviewed the EDR Historical Topo Map Report, dated March 6, 2024 (EDR, 2024c). A listing of the maps reviewed is presented in the following table. Copies of the historical topographic maps are provided in Appendix E.

The review of topographic maps listed below indicates the Site was undeveloped since at least 1956. No RECs were identified for the Site or adjoining properties based on a review of the historical topographic maps.

Summary of Topographic Maps		
Year(s)	**Quadrangle**	**Site Comments**
1956, 1957, 1958	Horse Thief Springs, Mountain Springs, Pahrump	The Site is depicted as vacant land with streams, unpaved roads and labeled "Pahrump Valley." A marker is labeled "Pahrump SE Base". The California-Nevada border is depicted transversing the Site. The adjoining properties are depicted as vacant land.
1984	Stump Spring, Calvada Spring, Mound Spring, Hidden Hills Ranch. Lost Cabin Spring	The Site and adjoining properties are unchanged from the previous topographic map.
2012, 2015, 2018, 2021	Stump Spring, Calvada Spring, Mound Spring, Hidden Hills Ranch. Lost Cabin Spring	No structural developments are shown; no unpaved roads are depicted across the Site.

5.3.5. Title Records

A historical chain-of-title report was not requested by the Client for review by Ninyo & Moore during the completion of this report. However, Ninyo & Moore reviewed ownership records through the Inyo County Assessor's office online records. The Site is comprised of multiple owners and is presented in Appendix D.

5.3.6. Recorded Environmental Liens and AULs

An environmental lien search report was not requested by the Client for review by Ninyo & Moore during the completion of this report.

5.3.7. Previous Investigations

Ninyo & Moore performed a prior Phase I ESA for the former Hidden Hills Solar Facility project, the footprint of which was nearly identical to the Site. The report is summarized below are provided in Appendix G.

Summary of Previous Investigations		
Report Name	**Year(s)**	**Findings**
Phase I Environmental Site Assessment Report, Hidden Hills Solar Facility, Old Spanish Trail Highway and Gold Street, Inyo County, California.	2011	Ninyo & Moore performed a Phase I ESA on approximately 3,900-acres of undeveloped vacant land located at the northwest corner of the intersection of Old Spanish Trail Highway and Gold Street in Inyo County, California. Based on a review of historical sources the parcels constituting the Site have not previously been developed with the exception of a small portion of the Site which was formerly utilized as an orchard. Six groundwater wells were identified during the site reconnaissance, two of which fall within this Site footprint. A weather station was also noted off of Avenue D between Topaz and Silver Streets. The assessment revealed no evidence of RECs or environmental concerns in connection with the Site and no recommendations for further assessment was recommended.

5.4. Adjoining Property Use Information

Adjoining properties were described in Section 2.3. Based on our Site visit and review of agency files, none of the adjoining properties are considered to have impacted the Site at this time.

6. PRELIMINARY VAPOR ENCROACHMENT SCREENING

An assessment of vapor intrusion per ASTM E2600-15 was beyond the scope of the requested investigation. The lack of historical commercial development in the area indicates that no potential sources of subsurface contamination are likely to be present that could impact the Site.

7. INTERVIEWS

Interviews were conducted by Ninyo & Moore with the objective of obtaining information regarding potential environmental concerns in connection with the Site.

7.1. Owner or Key Site Manager

Steven Scow, the key manager at the Site, provided to Ninyo & Moore with answers to a pre-survey questionnaire. As there has been no historical structural development of the Site other than non-technical grading operations to cut roadways, Ninyo & Moore did not interview the owners of every parcel making up the Site. This is not considered to be a significant data gap.

7.2. Past Owners

Ninyo & Moore researched current and past ownership entities during the preparation of this report. The large number of parcels and corresponding owners was considered too great to pursue individual interviews. Additionally, as no historic development of the parcels representing the Site has occurred, interviews with past Site owners would not be expected to provide useful information pertinent to environmental conditions.

8. ASTM NON-SCOPE CONSIDERATIONS

ASTM E1527-21 acknowledges the fact that certain business environmental risks associated with a property's current or planned use could have a material environmental or environmentally driven impact on the business or real estate transaction. The assessment of business environmental risks may involve the investigation or considerations that are outside of indications of *recognized environmental conditions* that are the subject of the ASTM standard practice. No implication is intended as to the relative importance of inquiry into such non-scope ASTM considerations discussed below.

Wetlands

According to the United States Fish and Wildlife Service Wetlands Mapper (http://www.fws.gov/wetlands/Data/Mapper.html), wetland environments classified as riverine are located on and adjacent to the Site. Documentation and figures provided by the aforementioned website are presented in Appendix D.

Flood Zones

Ninyo & Moore reviewed flood zone information for the Site from Federal Emergency Management Agency's (FEMA) web page. According to Flood Insurance Rate Map (FIRM) panels 06027C4650D, 06027C4625D, and 06027C4175D (effective 08/16/2011) portions of the Site are located in areas designated as Zone A; "special flood hazard areas subjected to inundation by the 1% annual chance flood". Documentation and figures provided by the aforementioned website are presented in Appendix D.

9. FINDINGS, CONCLUSIONS AND RECOMMENDATIONS

The following findings, conclusions, and recommendations are provided.

9.1. Findings

Ninyo & Moore was retained by Bonanza Peak Solar, LLC to perform a Phase I Environmental Site Assessment (ESA) on the Bonanza Peak Phase I Lands property located primarily in the unincorporated community of Charleston View, in Inyo County, California, with the gen-tie corridor located in portions of Nye and Clark County, Nevada (the Site). The Site is comprised of approximately 208 parcels in Inyo County, 3 parcels in Nye County, and 6 parcels in Clark County. A list of the Assessor's Parcel Numbers (APNs) that comprise the Site are presented in Appendix D.

The objective of this ESA is to identify, to the extent feasible pursuant to the process described in ASTM E1527-21, recognized environmental conditions (RECs), which are defined by ASTM as *"(1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment."* It should be recognized that details were not included or fully developed in this section, and the report must be read in its entirety for a comprehensive understanding of the items contained herein. The results of this ESA are summarized below:

- Historical research revealed that the Site has remained undeveloped since at least 1953.
- On March 11, 2024, Crystal Castellanos of Ninyo & Moore conducted a Site reconnaissance of the property. The reconnaissance involved a visual inspection of the Site, and observations of adjoining properties. At the time of the reconnaissance, the approximate 4,000-acre Site was mostly undeveloped vacant desert transected by few unimproved roadways. A prior assessment noted a fenced weather station located near the center of the Site. Ninyo & Moore was not able to confirm this due to limited accessibility at the time of the site reconnaissance.
- The areas surrounding the Site consist primarily of undeveloped vacant desert.
- Based on our Site visit, there are currently two, 16" domestic/ irrigation wells located on the eastern portion of the Site.
- Ninyo & Moore did not observe quantities of hazardous substances or petroleum products used or stored on Site during our Site reconnaissance.
- Indications of aboveground storage tanks (ASTs), underground storage tanks (USTs), or hazardous material spills or leaks, were not observed during the Site reconnaissance.

- Review of an environmental database report obtained for this project indicated that the Site or adjoining properties are not listed on the regulatory databases researched by Environmental Data Resources Inc. (EDR).

9.2. Conclusions

Ninyo & Moore has performed this ESA in conformance with the scope and limitations of ASTM E1527-21 of the Bonanza Peak Phase I Land property located in unincorporated community of Charleston View, in Inyo County, California. Based on the information compiled during the preparation of this report, this assessment has revealed no evidence of RECs, Historical RECs (HRECs), or Controlled RECs (CRECs) associated with the Site. No evidence of RECs was identified for the adjoining or nearby properties.

9.2.1. RECs

RECs were not identified during the preparation of this report.

9.2.2. CRECs

CRECs were not identified during the preparation of this report.

9.2.3. HRECs

HRECs were not identified during the preparation of this report.

9.2.4. De Minimis Conditions

De minimis conditions were not identified during the preparation of this report.

9.3. Recommendations

Based on the findings of this Phase I ESA, no further investigation is recommended at this time.

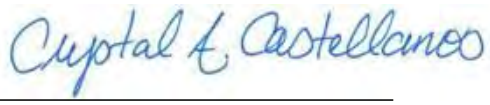
9.4. Limiting Conditions/Deviations

This report was prepared in accordance with ASTM E1527-21. No deviations from the standard occurred in this ESA. Based on the information gathered by Ninyo & Moore for the purposes of this ESA, it is Ninyo & Moore's opinion the data obtained from the Site reconnaissance, records reviewed, and interviews conducted, is adequate to make a conclusion on the environmental condition of the Site with respect to the existence or lack of RECs.

10. ENVIRONMENTAL PROFESSIONAL STATEMENT

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined by 312.10 of 40 CFR 312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed All-Appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Site Assessor



Crystal Castellanos
Staff Geologist

Senior Reviewer



Courtney Brooks
Principal Hydrogeologist

Certification:

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in 40 CFR Part 312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.



Courtney Brooks - Certified Environmental Manager 2128

11. REFERENCES

ASTM International, 2021, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, Designation E1527-21.

California Department of Conservation, California Geological Survey (CGS), 2010. California Geomorphic Provinces, Note 36.

California Groundwater Bulletin 118, Pahrump Valley Groundwater Basin, 6-28, 2004.

Environmental Data Resources (EDR 2024a), The Environmental Data Resources Area/ Corridor Report with GeoCheck, dated March 06, 2024.

Environmental Data Resources (EDR 2024b), The Environmental Data Resources Aerial Photo Decade Package, dated March 08, 2024.

Environmental Data Resources (EDR, 2024c), The Environmental Data Resources Historical Topographic Map Report, dated March 06, 2024.

Federal Emergency Management Agency's (FEMA) National Flood Hazard, 2024, Online Database.

Inyo County Assessor's Office records, 2024, Online Database.

Ninyo & Moore, Phase I Environmental Site Assessment Report, Hidden Hills Solar Facility, Old Spanish Trail Highway and Gold Street, Inyo County, California, dated July 5, 2011.

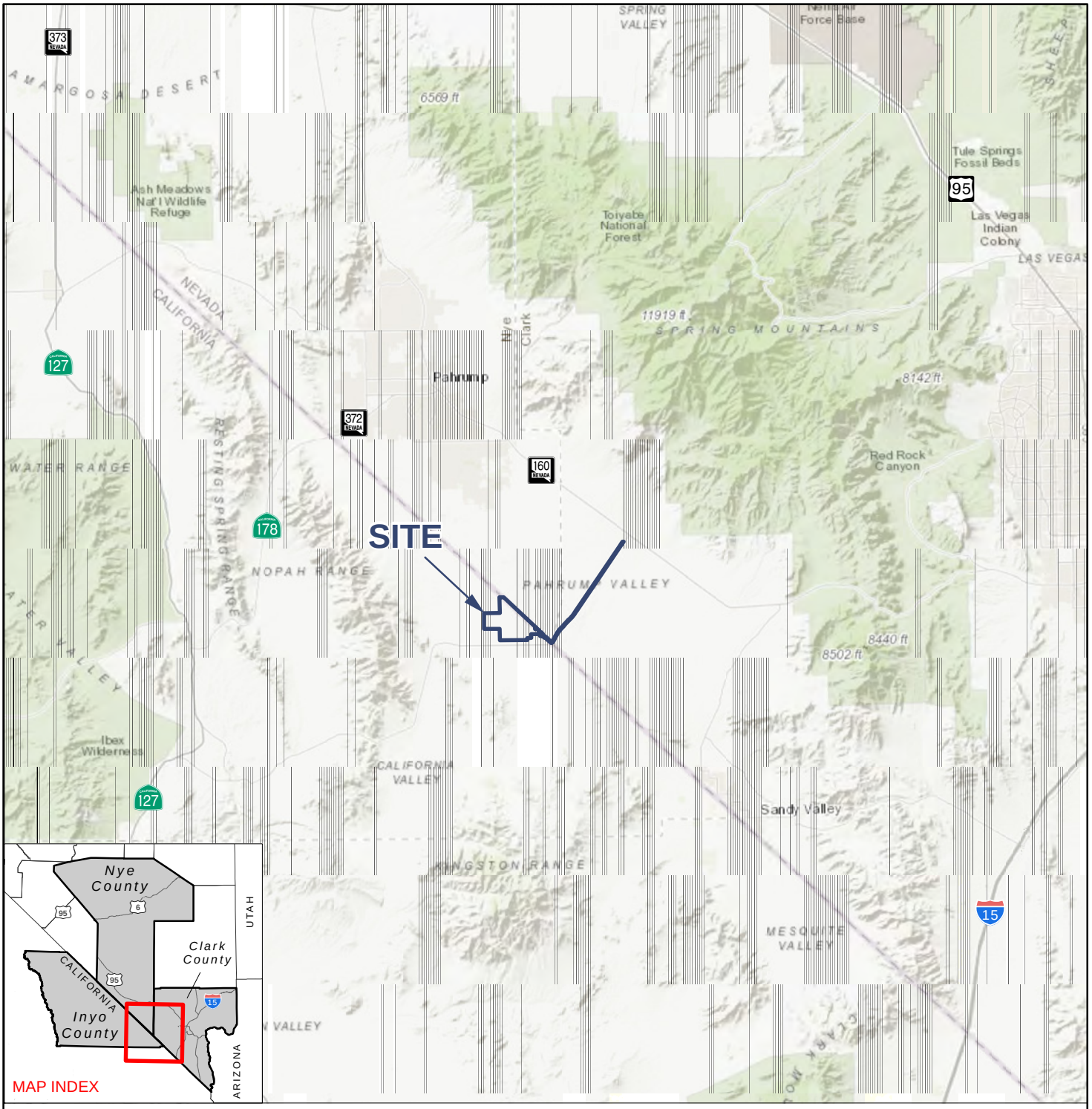
US Environmental Protection Agency (EPA). All Appropriate Inquiry (AAI), Title 40 of Code of Federal Regulations (CFR) Section 312.10.

United States Environmental Protection Agency, 2006, Innocent Landowner, Standards for Conducting All Appropriate Inquiries, 40 CFR Part 312.

United States Fish and Wildlife Service Wetlands Mapper, 2024, National Wetlands Inventory Online Database.

Walker, G.E., and Eakin, T.E., 1963, Geology and ground water of Amargosa Desert, Nevada-California: Nevada Department of Conservation and Natural Resources, Ground-Water Resources Reconnaissance Series Report 14, 45 p.

FIGURES



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NOTE: DIRECTIONS, DIMENSIONS AND LOCATIONS ARE APPROXIMATE. | SOURCE: ESRI WORLD TOPO, 2024

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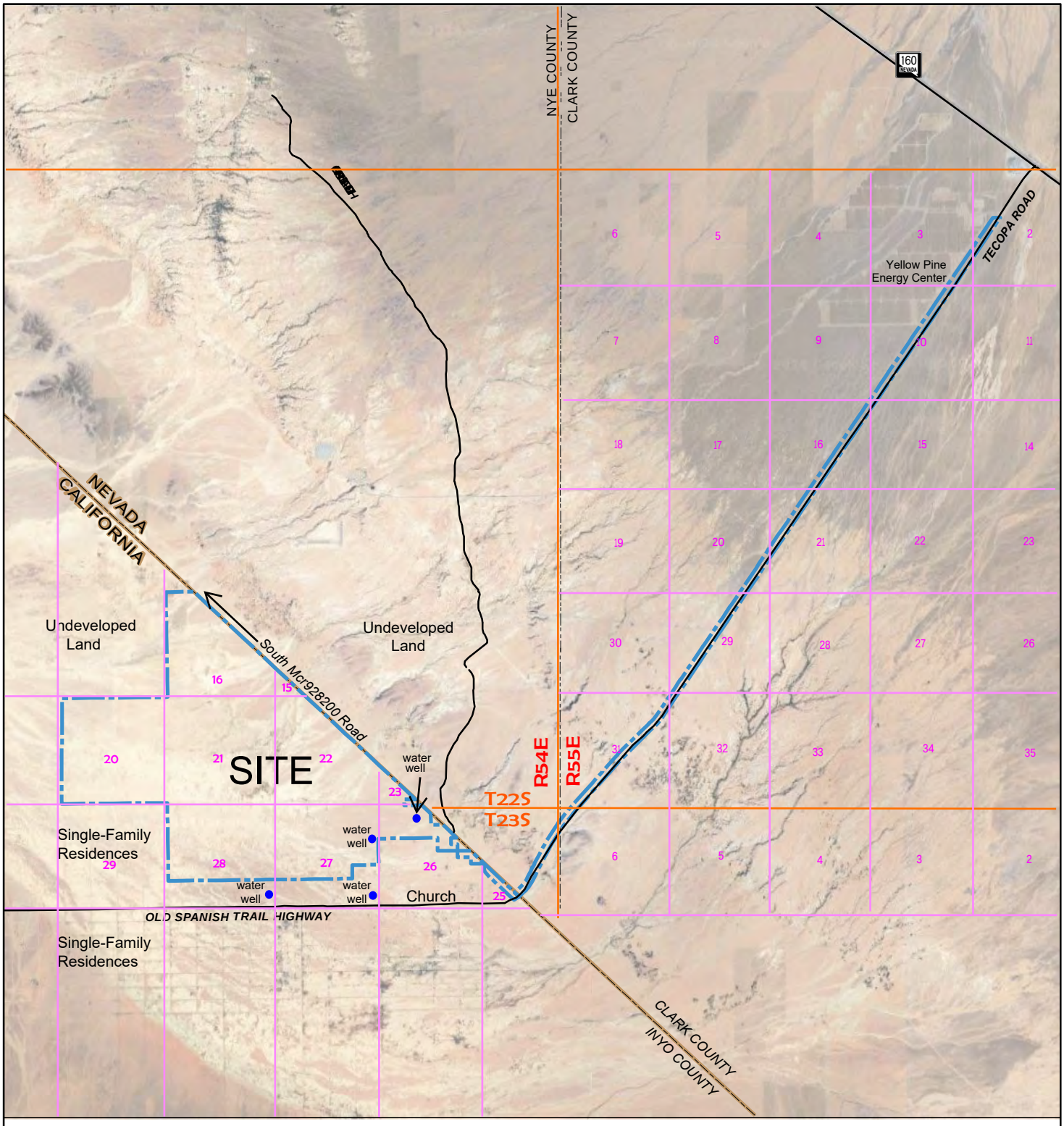
FIGURE 1

SITE LOCATION

BONANZA PEAK PHASE I LANDS
NORTH OF OLD SPANISH TRAIL ALONG THE STATE BORDER, INYO COUNTY, CALIFORNIA

305163001 | 3/24

Ninyo & Moore
Geotechnical & Environmental Sciences Consultants



LEGEND

- SITE BOUNDARY
- TOWNSHIP
- SECTION
- RANGE

N

FEET

0 7,000 14,000

NOTE: DIRECTIONS, DIMENSIONS AND LOCATIONS ARE APPROXIMATE. | SOURCE: GOOGLE EARTH, 2024

2_305163001_SV.mxd 3/7/2024 JDL

FIGURE 2

SITE AND VICINITY

BONANZA PEAK PHASE I LANDS
NORTH OF OLD SPANISH TRAIL ALONG THE STATE BORDER, INYO COUNTY, CALIFORNIA

305163001 | 3/24

Ninyo & Moore
Geotechnical & Environmental Sciences Consultants

Appendix A:

RESUMES

Courtney J. Brooks, CEM, CHMM

Principal Hydrogeologist



EDUCATION

M.S., Geohydrology, 2000, Illinois State University

B.S., Geology, 1989, Illinois State University

REGISTRATIONS/CERTIFICATIONS

CEM 2128 (Nevada)

Certified Hazardous Materials Manager No. 7908

Courtney has consulting experience overseeing hydrogeologic and environmental investigations, managing hazardous materials and wastes, and providing EHS training programs. His professional experience includes groundwater resources exploration and development, surface hydrology, groundwater compliance and modeling, environmental impact assessment, environmental auditing, and soil and groundwater assessment and remediation in various regions of the United States, Europe, Asia and Sub-Saharan Africa.

EXPERIENCE

Mt. Hope Molybdenum Mine, Eureka, Nevada: Hydrogeologist performing drilling supervision for water development of the Mt. Hope molybdenum mine. Courtney was tasked with restarting the groundwater exploration program, which had stalled due to staffing issues and compliance violations. The drilling program involved as many as six drilling crews working consecutive 12-hour shifts over a 10-month period. Duties included drilling supervision; mud logging; lithologic logging; collection of assay samples; testing and analysis of groundwater; coordinating with geophysical logging contractors; and aquifer performance tests at pilot test wells prior to drilling; and constructing the final production water wells.

Nevada Division of Environmental Protection (NDEP) Source Water Protection Studies, Clark County, Nevada: Hydrogeologist responsible for updating the technical component of the wellhead protection guidance documents, preparing analytical groundwater simulations to predict the time of travel capture zones for municipal water supply systems located throughout the state. Duties included data validation; model preparation; and support to NDEP Bureau of Water Pollution Control staff.

Review of Rapid Infiltration Basin Designs, Barrick Cortez Gold Mines, Crescent Valley, Nevada Hydrogeologist responsible for reviewing existing reports and other hydrological studies pertaining to the location, geology, and water infiltration rates estimated for rapid infiltration basin (RIB) sites proposed for Barrick's Cortez Gold Mines. The review identified inconsistent testing procedures (improper depths, methods) that resulted in RIB designs of excessive size. Duties included recommending cost effective solutions that included a staged approach to placing the new RIBs online so as to minimize land use exceedances and down basin flooding.

Craig Ranch Park Well Rehabilitation and Replacement, Las Vegas, Nevada Hydrogeologist responsible for inspection, testing and evaluation of existing irrigation wells, design and drilling oversight of replacement irrigation well. Duties included evaluating the cause of a collapsed drilling borehole; providing a revised drilling plan and overseeing the operation to completion. In addition, he recommended rehabilitation measures for damaged irrigation wells to extend production until replacement wells could be constructed.

Courtney J. Brooks

Principal Hydrogeologist

Nuclear Waste Repository Project Office, Nye County, Nevada: Hydrogeologist and Environmental Scientist during the UIC permit application and compliance oversight for short and long term tracer and chemical injection tests, as part of a joint project involving Nye County, Department of Energy, and multiple national laboratories to study the potential groundwater flow patterns down gradient of the proposed Yucca Mountain High Level Radioactive Waste Repository. Duties included preparing predictive groundwater models, performing compliance sampling and monitoring, and preparing quarterly discharge monitoring reports to the NDEP

Sewer Collection System Capacity Additions, Clark County, Nevada: Hydrogeologist performing aquifer testing for the preparation of discharge permit applications for multiple dewatering operations located throughout Las Vegas Valley. Duties included collecting groundwater samples for detection of perchlorate and other potential organic and inorganic contaminants, aquifer testing, and groundwater modeling to estimate the flow rate and volume of discharge water necessary to achieve dewatering target elevations.

Crystal A. Castellanos, GIT

Staff Geologist



EDUCATION

B.S., Geology, 2011, California State University, Fullerton

REGISTRATIONS/CERTIFICATIONS

Geologist-in-Training, No. 837 (California)

As a Staff Geologist, Ms. Castellanos provides field services for projects; provides input for technical reports; work with subs onsite (drillers, etc) during field services; and assists Project Managers and Senior Staff personnel with tasks. She has broad site investigation experience from work planning through review of historical documentation, field sampling (soil, groundwater, soil vapor, etc.), and report preparation with extensive environmental experience, completing over 500 Environmental Site Assessments (Phase I ESAs, and Phase II ESAs) throughout her career.

EXPERIENCE

Southern California Edison, McGen Substation, **Trona, California**: Prepared the workplan for a limited drilling and sampling effort at this site, to establish if onsite or/and offsite migration of the contaminants of concern had occurred or onsite operations had impacted the subject property. Managed a drilling subcontractor onsite and oversaw collection of the required samples. Responsibilities included soil logging of fifty, soil borings from a direct push rig, ordering field supplies, air monitoring, and providing numerous updates to project management daily. The project was safely completed on time and within budget. Southern California Edison determined that no further action was required after receiving the results.

Golden State Water Company, Pomello Well No. 5, **La Verne, California**: This project involved a municipality who wanted a new water supply well to replace a previous well onsite that no longer produced. Part of the scope of work included assisting on well siting and well design for the new water supply well. The project utilized direct circulation mud rotary drilling, sampling, and geophysical analysis, for well design and construction. Led a team of field staff and subcontractors over a period of three months to complete the investigation. In addition, provided support to develop a plan for how many gallons a minute the well may produce and aquifer test reporting. The new water supply well produces 500 gallons a minute. The assessment concluded that another water supply well would need to be constructed downgradient in order to produce for the local demand. The project was safely completed on time and within budget.

CalRecycle, Carr Fire, **Redding, California**: This project included the assessment of potential heavy metal and asbestos containing materials impact within the debris remaining from the Carr Wildfire incident that occurred in Shasta County, California. Assessments were conducted within the single-family resident's footprint. Assisted on teams of consultants for asbestos, air monitoring site assessments of hazardous waste and potential impact to soils. Approximately 1,600 structures were damaged, and consulted on more than 330 properties across three cities that were impacted. The project was safely completed ahead of schedule.

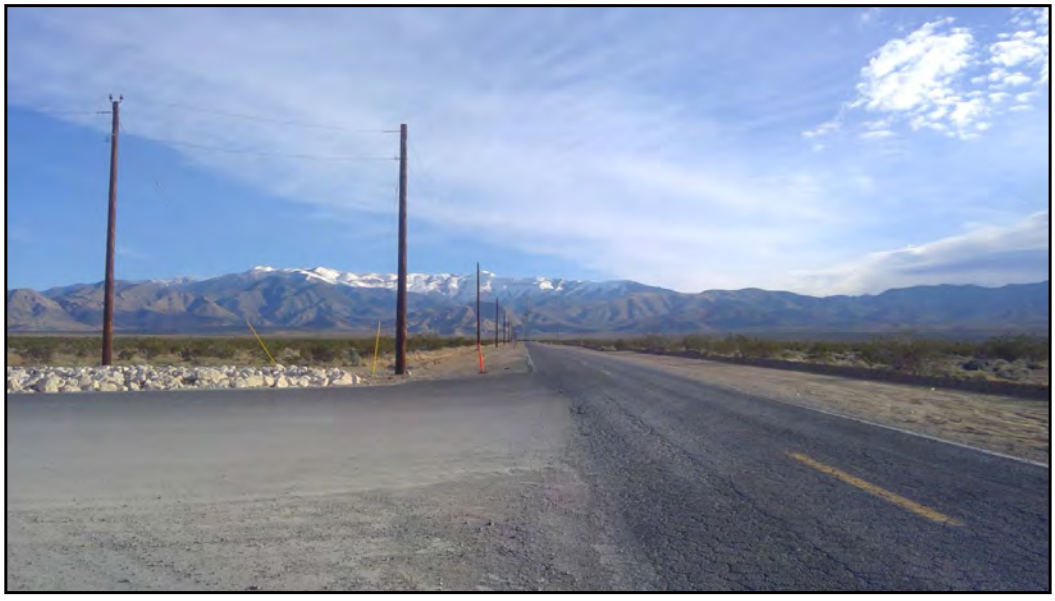
Phase I ESAs, Otay Ranch, Chula Vista, California: This project included environmental site assessments of former agricultural land to be converted into residential subdivisions. The ESA's required the review of historical documentation, regulatory records review of unauthorized releases, and conducting site visits for the completion of the investigations. The project was safely completed on time and within budget.

Appendix B:

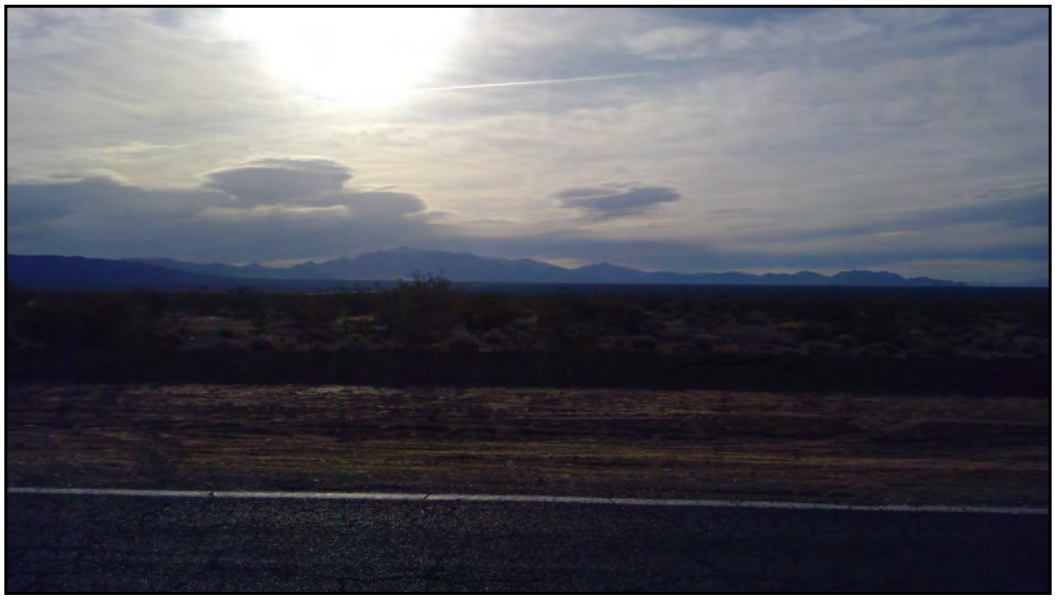
SITE PHOTOGRAPHS



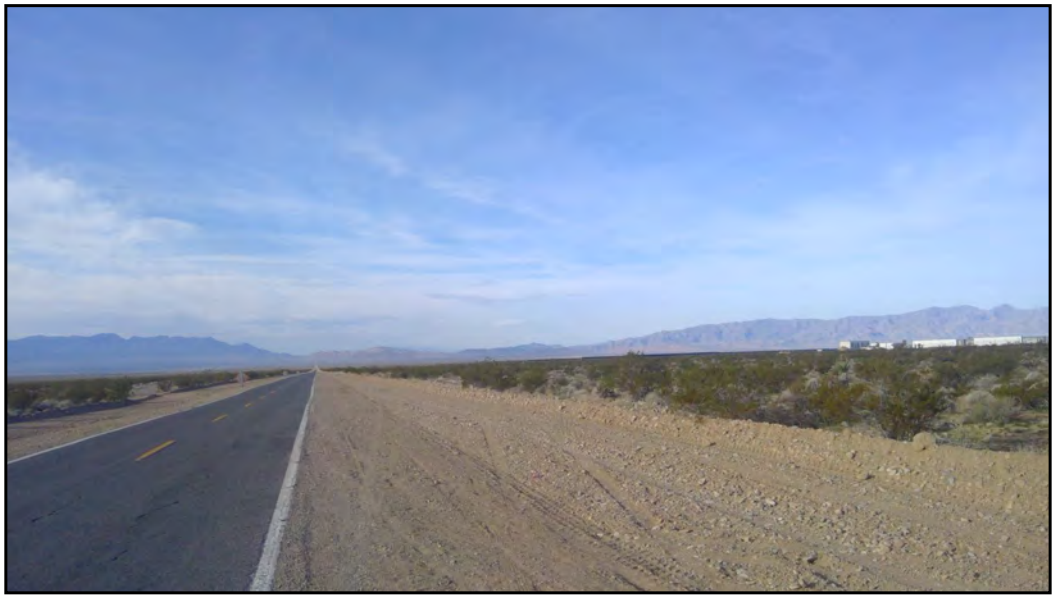
1: Adjoining property to the north (Nevada)



2: Adjoining property to the east (Nevada)



3: Adjoining property to the south (Nevada)



4: View to the west of the Site and Tecopa Road (Nevada)



5: View to the north of the Site and Yellow Pine Energy Center (Nevada)



6: Desert pavement located along the Tecopa Road corridor (Nevada)



7: PrairieFire Road and Prairie Fire commercial sign (Nevada)



8: View to west along PraireFire Road (Nevada)



9: View to the east of unpaved road transversing the Site along Tecopa Road (Nevada)



10: View to the North of East Hidden Hills Road (Nevada)



11: Catherdal Canyon landmark located on the intersection of Tecopa Road and East Hidden Hills Road (Nevada)



12: Inyo County, California landmark located at the intersection of South Mcr928200 Road and Old Spanish Trail Highway (California)



13: Adjoining property to the south of single-family residences



14: View to the southwest towards Avenue D



15: View towards the west on Avenue B



16: Typical condition of the unpaved roads located on Site



17: Abandoned water supply well and electrical box located on the eastern side of the Site



18: Monitoring well



19: View towards the northwest along South Mcr928200 Road towards Avenue A



20: Abandoned domestic/ irrigation water supply well located on the intersection South Mcr928200 Road and Avenue D



21: View towards the south down Silver Avenue



22: Telephone/ electrical lines located on the adjacent property to the south

Appendix C:

EDR AREA/ CORRIDOR REPORT

Bonanza Peak
Bonanza Peak
Tecopa, CA 92389

Inquiry Number: 7587336.2s
March 06, 2024

EDR Area / Corridor Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Map Findings Summary	3
Focus Maps	8
Map Findings	40
Orphan Summary	OR-1
Government Records Searched/Data Currency Tracking	GR-1

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527 - 21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E2247 - 16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E1528 - 22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

SUBJECT PROPERTY INFORMATION

ADDRESS

BONANZA PEAK
TECOPA, CA 92389

TARGET PROPERTY SEARCH RESULTS

The Target Property was identified in the following databases.

Page Numbers and Map Identifcations refer to the EDR Area/Corridor Report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were not identified.

Unmappable (orphan) sites are not considered in the foregoing analysis.

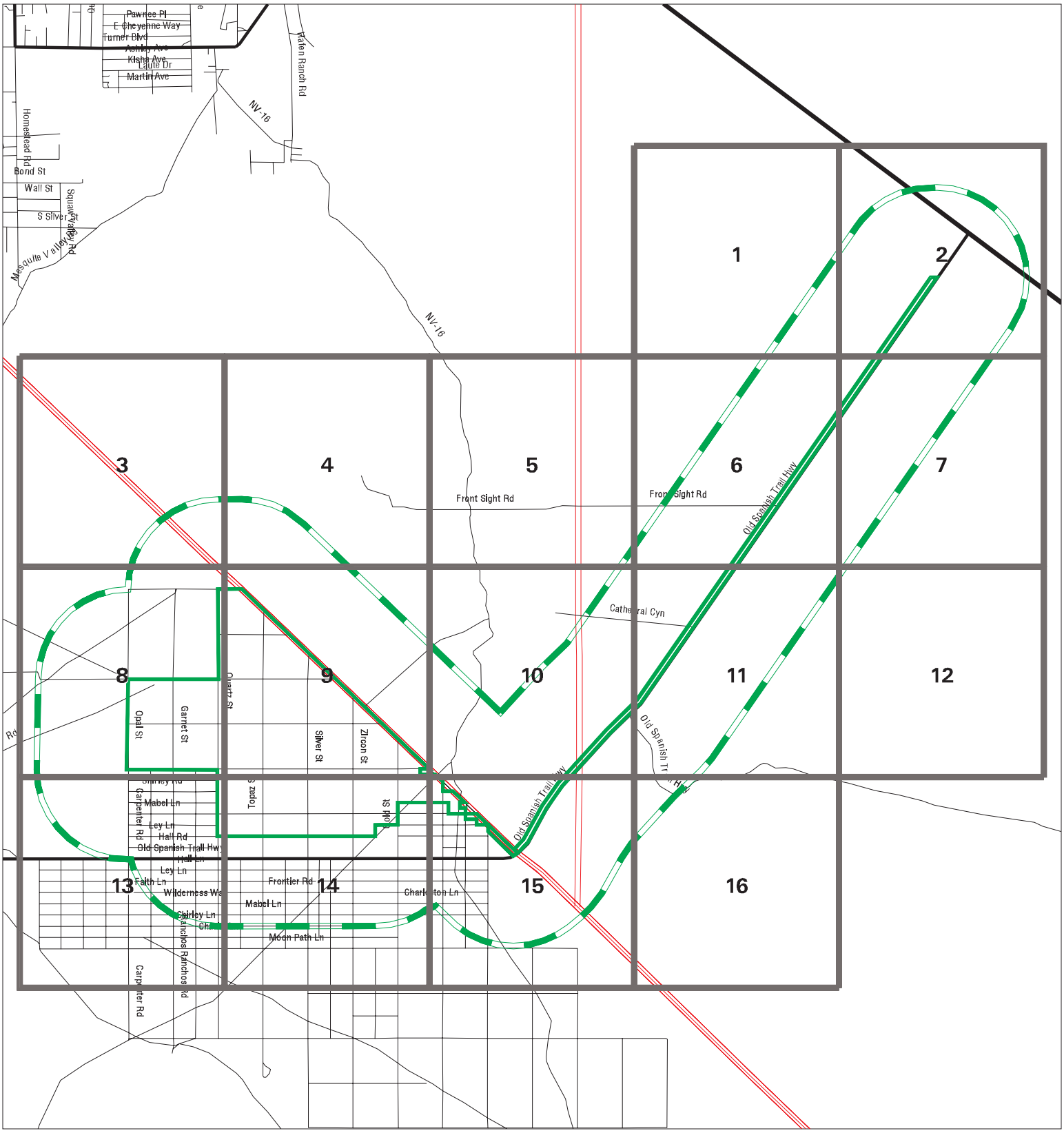
MAPPED SITES SUMMARY

Target Property:
BONANZA PEAK
TECOPA, CA 92389

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

Key Map - 7587336.2s



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
National Priority List Sites
Dept. Defense Sites
Indian Reservations BIA

0 1 2 Miles

SITE NAME: Bonanza Peak	CLIENT: Ninyo & Moore
ADDRESS: Bonanza Peak	CONTACT: Crystal Castellanos
CITY/STATE: Tecopa CA	INQUIRY #: 7587336.2s
ZIP: 92389	DATE: 03/06/24 11:21 AM

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Lists of Federal NPL (Superfund) sites								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Lists of Federal Delisted NPL sites								
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Lists of Federal CERCLA sites with NFRAP								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA facilities undergoing Corrective Action								
CORRACTS	1.000		0	0	0	0	NR	0
Lists of Federal RCRA TSD facilities								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA generators								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
Lists of state- and tribal (Superfund) equivalent sites								
RESPONSE	1.000		0	0	0	0	NR	0
Lists of state- and tribal hazardous waste facilities								
ENVIROSTOR	1.000		0	0	0	0	NR	0
Lists of state and tribal landfills and solid waste disposal facilities								
SWF/LF	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Lists of state and tribal leaking storage tanks								
LUST	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	0	0	NR	NR	0
Lists of state and tribal registered storage tanks								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
Lists of state and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
Lists of state and tribal brownfield sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CERS HAZ WASTE	0.250		0	0	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		0	0	NR	NR	NR	0
HIST UST	0.250		0	0	NR	NR	NR	0
CA FID UST	0.250		0	0	NR	NR	NR	0
CERS TANKS	0.250		0	0	NR	NR	NR	0
Local Land Records								
LIENS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0
LDS	TP		NR	NR	NR	NR	NR	0
MCS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
PFAS TRIS	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	0	NR	NR	NR	0
PFAS ECHO FIRE TRAINING	0.250		0	0	NR	NR	NR	0
PFAS PART 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
BIOSOLIDS	TP		NR	NR	NR	NR	NR	0
PFAS	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
CHROME PLATING	0.500		0	0	0	NR	NR	0
Cortese	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	TP		NR	NR	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
ICE	TP		NR	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	0	0	NR	NR	0
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
HWTS	TP		NR	NR	NR	NR	NR	0
HAZNET	TP		NR	NR	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
PEST LIC	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
HAZMAT	0.250		0	0	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
UIC GEO	TP		NR	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	TP		NR	NR	NR	NR	NR	0
PROJECT	TP		NR	NR	NR	NR	NR	0
WDR	TP		NR	NR	NR	NR	NR	0
CIWQS	TP		NR	NR	NR	NR	NR	0
CERS	TP		NR	NR	NR	NR	NR	0
NON-CASE INFO	TP		NR	NR	NR	NR	NR	0
OTHER OIL GAS	TP		NR	NR	NR	NR	NR	0
PROD WATER PONDS	TP		NR	NR	NR	NR	NR	0
SAMPLING POINT	TP		NR	NR	NR	NR	NR	0
WELL STIM PROJ	TP		NR	NR	NR	NR	NR	0
UST FINDER RELEASE	0.500		0	0	0	NR	NR	0
UST FINDER	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		0	0	0	0	0	0	0

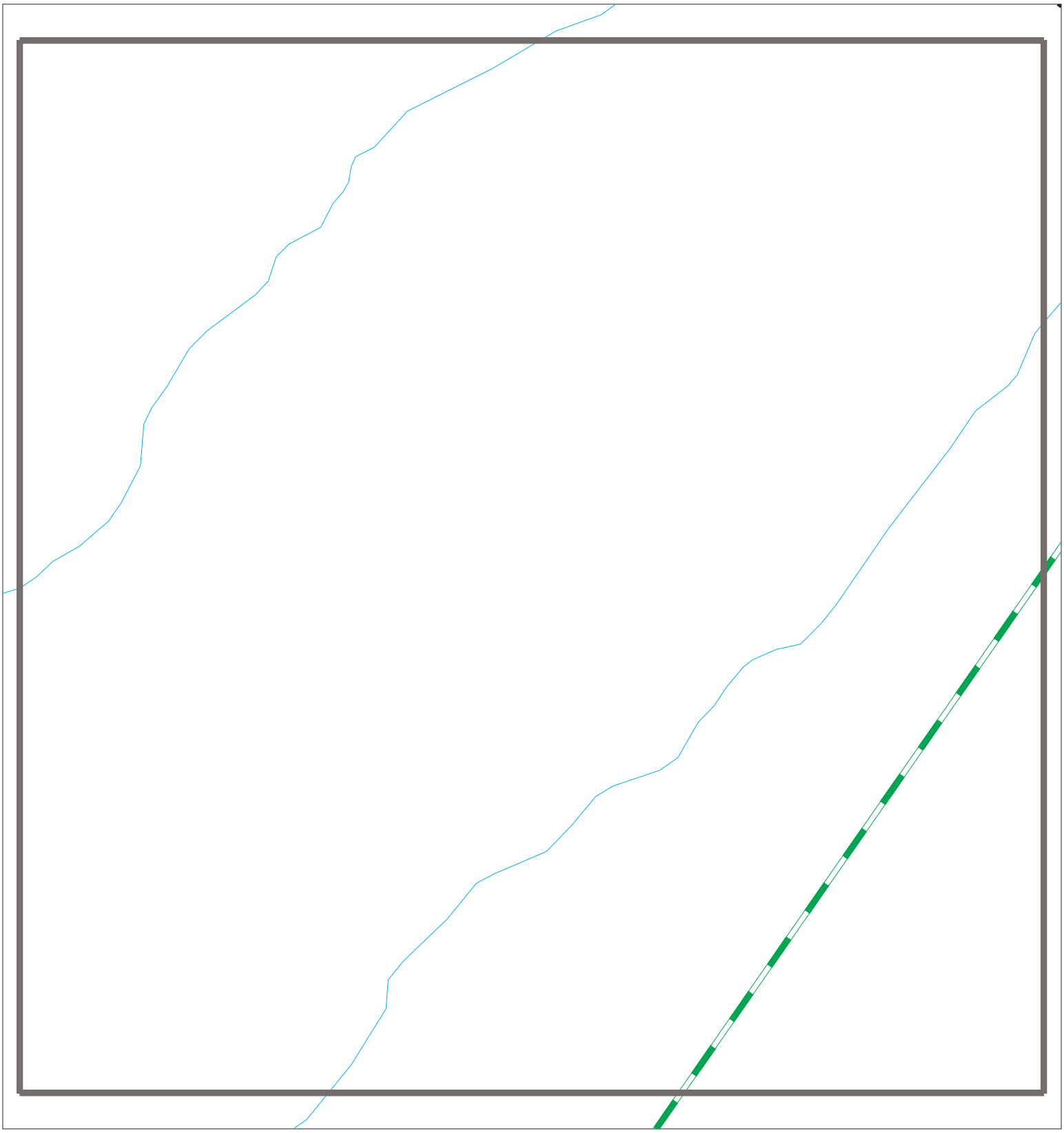
NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Focus Map - 1 - 7587336.2s



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
National Priority List Sites
Dept. Defense Sites
Indian Reservations BIA

0 1/4 1/2 Miles

SITE NAME: Bonanza Peak	CLIENT: Ninyo & Moore
ADDRESS: Bonanza Peak	CONTACT: Crystal Castellanos
CITY/STATE: Tecopa CA	INQUIRY #: 7587336.2s
ZIP: 92389	DATE: 03/06/24

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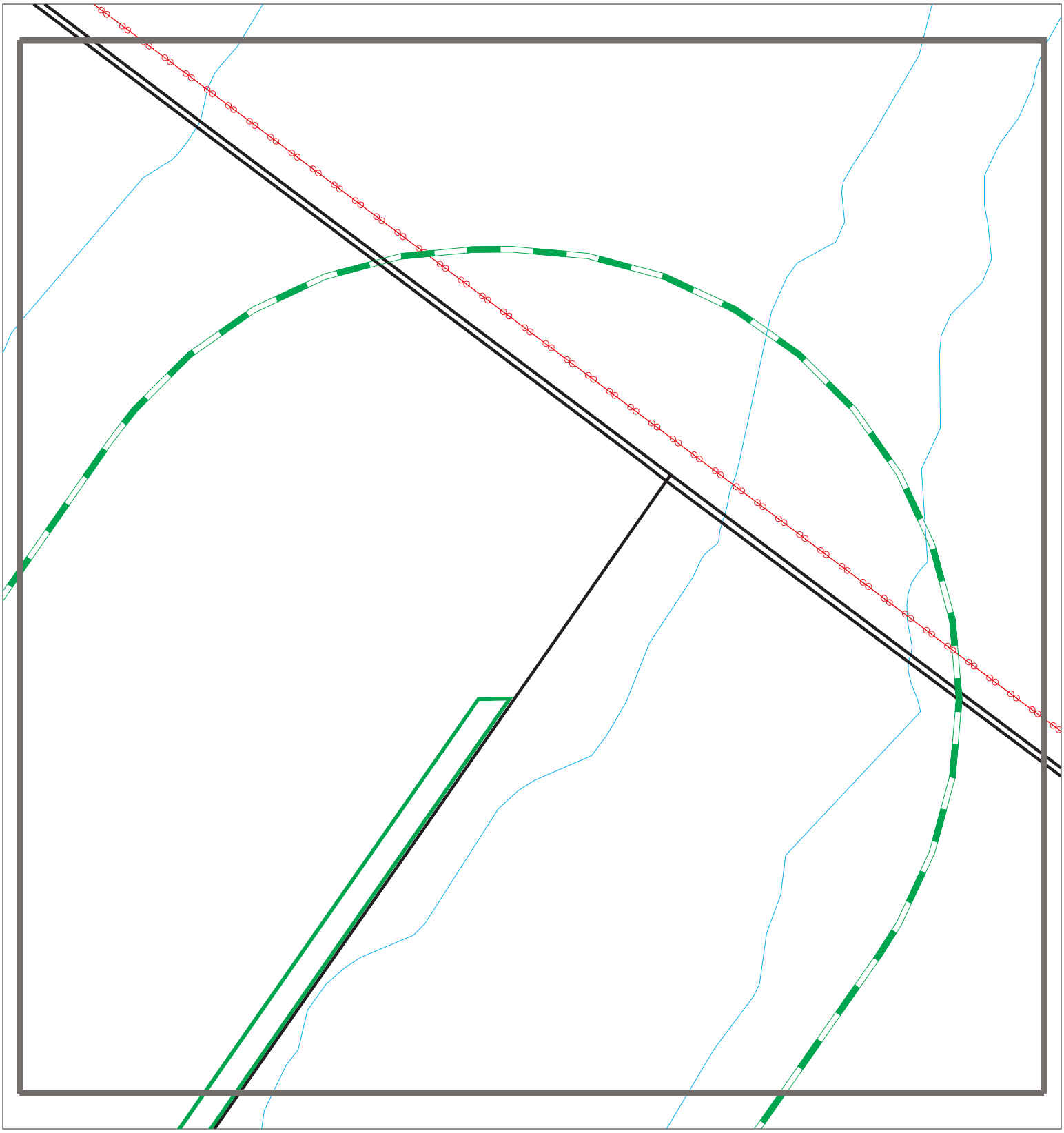
MAPPED SITES SUMMARY - FOCUS MAP 1

Target Property:
BONANZA PEAK
TECOPA, CA 92389

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

Focus Map - 2 - 7587336.2s



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
National Priority List Sites
Dept. Defense Sites
Indian Reservations BIA

0 1/4 1/2 Miles

SITE NAME: Bonanza Peak	CLIENT: Ninyo & Moore
ADDRESS: Bonanza Peak	CONTACT: Crystal Castellanos
CITY/STATE: Tecopa CA	INQUIRY #: 7587336.2s
ZIP: 92389	DATE: 03/06/24

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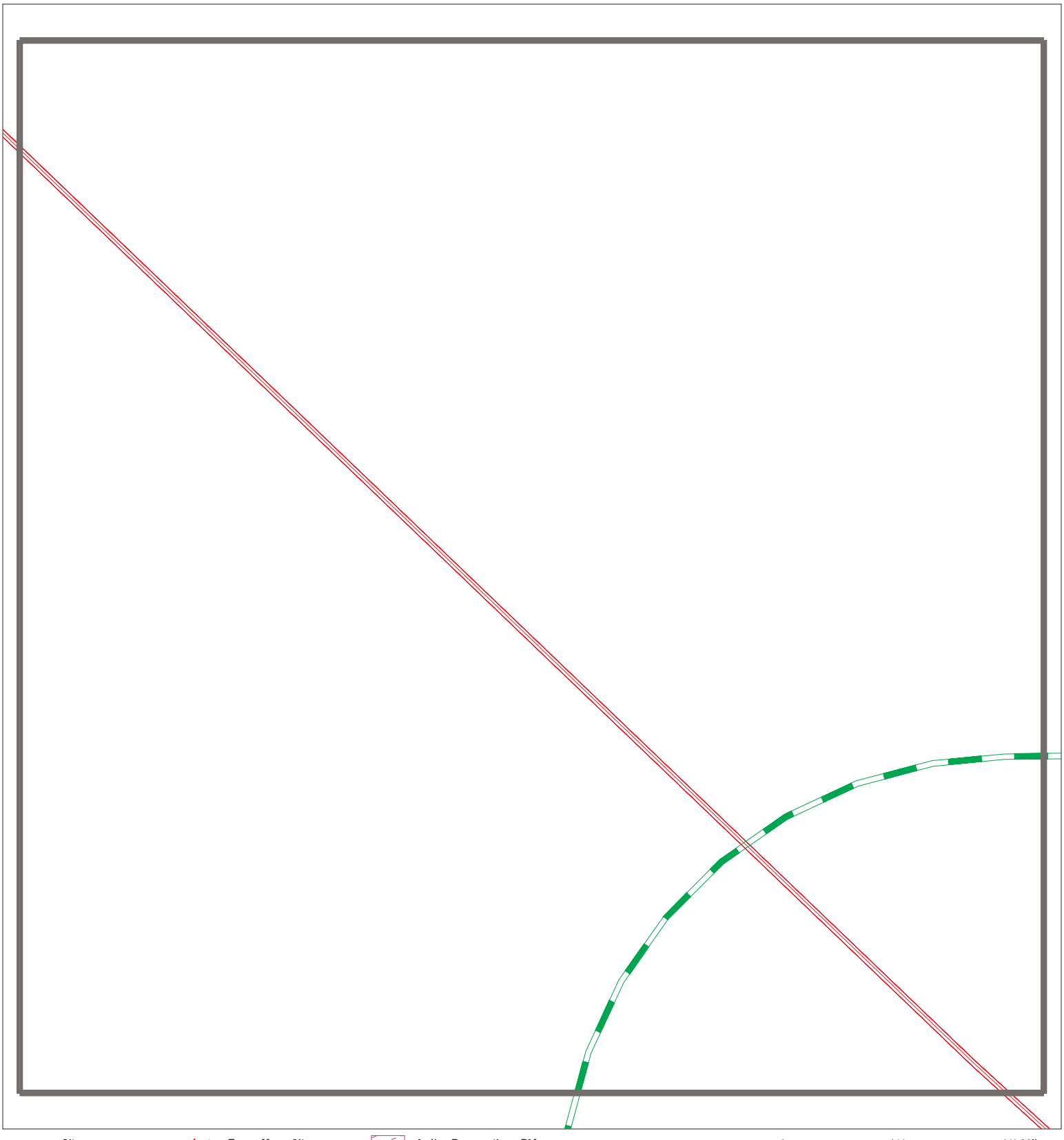
MAPPED SITES SUMMARY - FOCUS MAP 2

Target Property:
BONANZA PEAK
TECOPA, CA 92389

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

Focus Map - 3 - 7587336.2s



SITE NAME: Bonanza Peak	CLIENT: Ninyo & Moore
ADDRESS: Bonanza Peak	CONTACT: Crystal Castellanos
CITY/STATE: Tecopa CA	INQUIRY #: 7587336.2s
ZIP: 92389	DATE: 03/06/24

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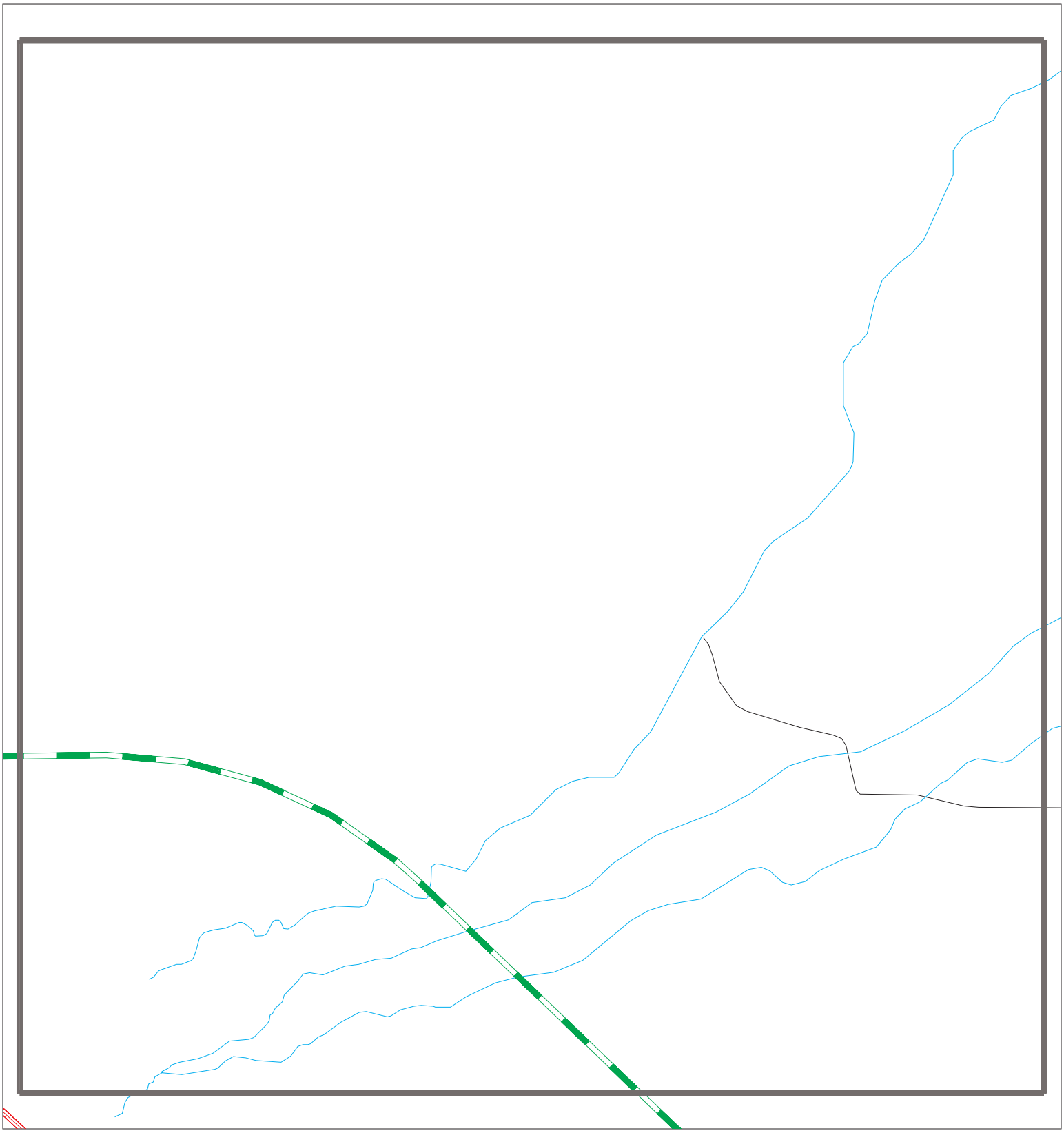
MAPPED SITES SUMMARY - FOCUS MAP 3

Target Property:
BONANZA PEAK
TECOPA, CA 92389

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

Focus Map - 4 - 7587336.2s



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
National Priority List Sites
Dept. Defense Sites
Indian Reservations BIA

0 1/4 1/2 Miles

SITE NAME: Bonanza Peak	CLIENT: Ninyo & Moore
ADDRESS: Bonanza Peak	CONTACT: Crystal Castellanos
CITY/STATE: Tecopa CA	INQUIRY #: 7587336.2s
ZIP: 92389	DATE: 03/06/24

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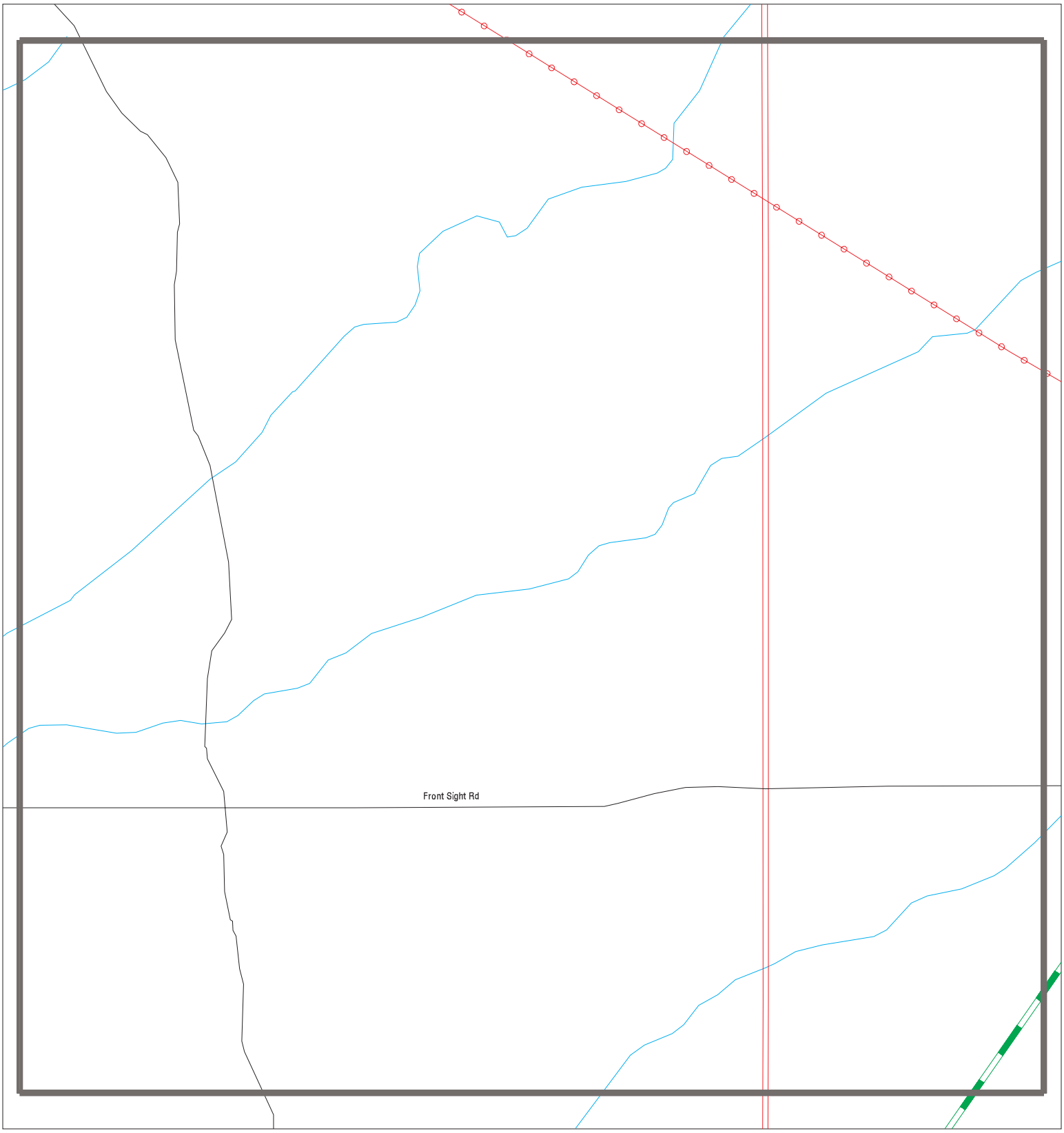
MAPPED SITES SUMMARY - FOCUS MAP 4

Target Property:
BONANZA PEAK
TECOPA, CA 92389

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

Focus Map - 5 - 7587336.2s



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
National Priority List Sites
Dept. Defense Sites
Indian Reservations BIA

0 1/4 1/2 Miles

SITE NAME: Bonanza Peak ADDRESS: Bonanza Peak CITY/STATE: Tecopa CA ZIP: 92389	CLIENT: Ninyo & Moore CONTACT: Crystal Castellanos INQUIRY #: 7587336.2s DATE: 03/06/24

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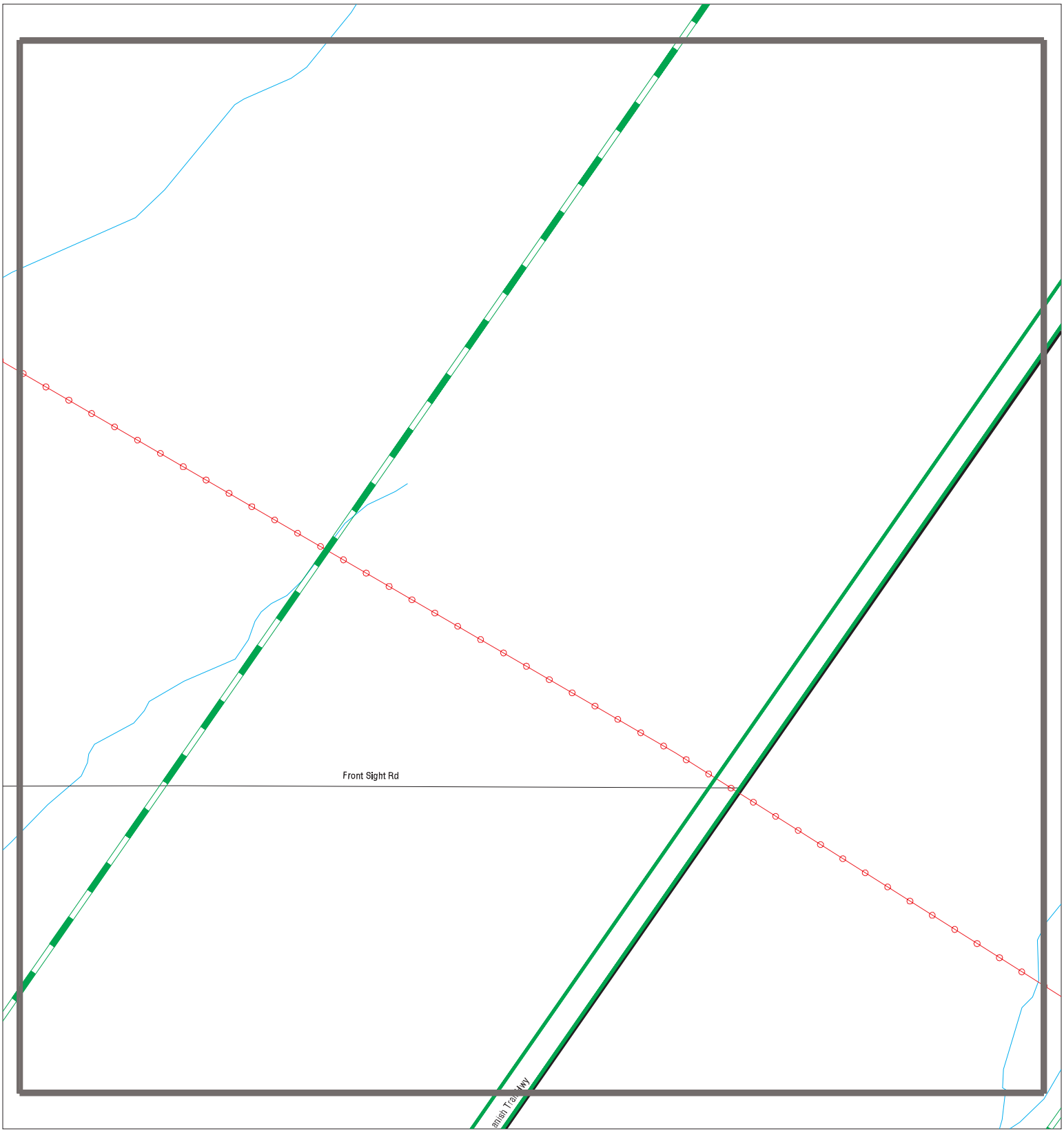
MAPPED SITES SUMMARY - FOCUS MAP 5

Target Property:
BONANZA PEAK
TECOPA, CA 92389

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

Focus Map - 6 - 7587336.2s



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
National Priority List Sites
Dept. Defense Sites
Indian Reservations BIA

0 1/4 1/2 Miles

SITE NAME: Bonanza Peak	CLIENT: Ninyo & Moore
ADDRESS: Bonanza Peak	CONTACT: Crystal Castellanos
CITY/STATE: Tecopa CA	INQUIRY #: 7587336.2s
ZIP: 92389	DATE: 03/06/24

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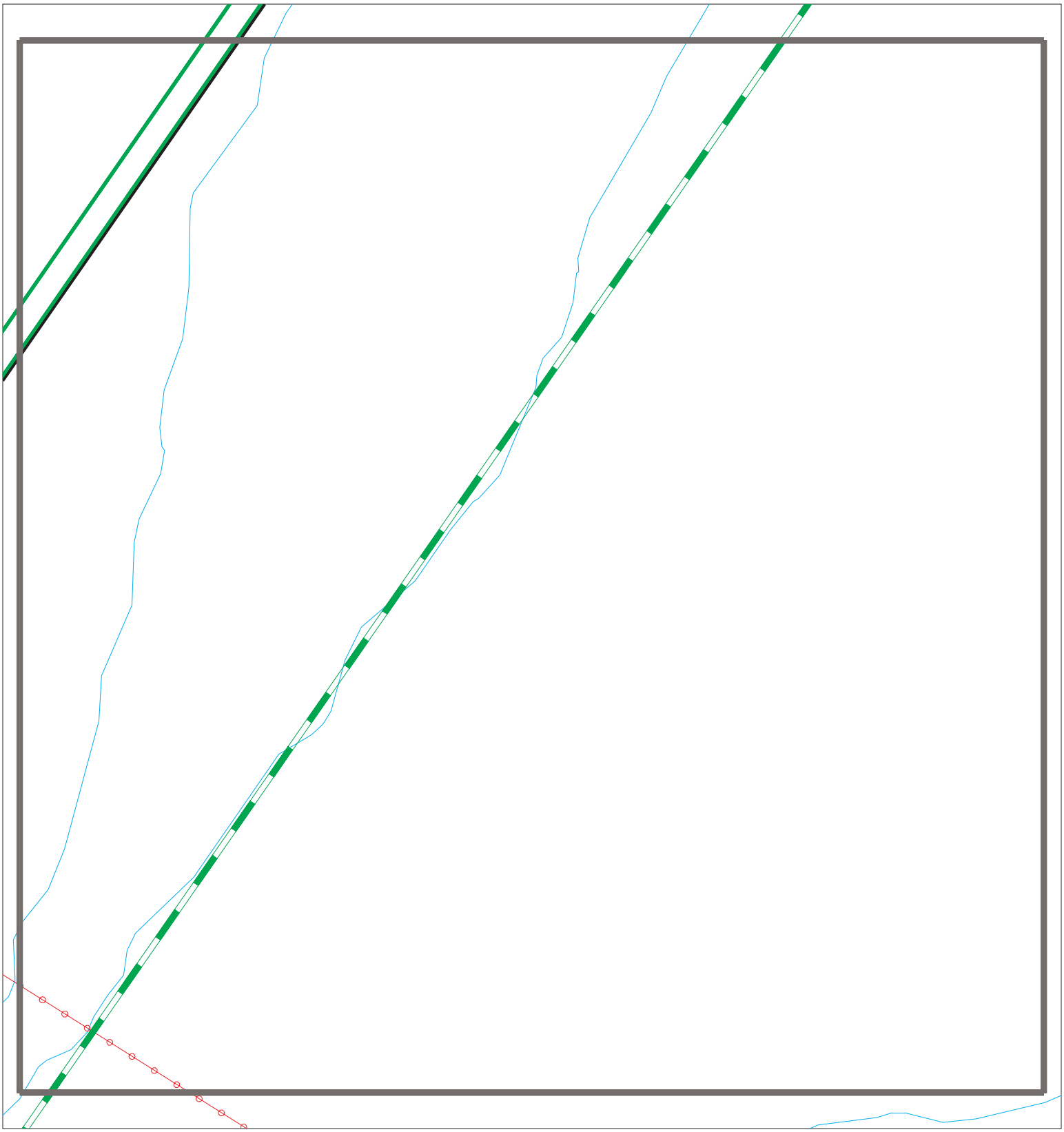
MAPPED SITES SUMMARY - FOCUS MAP 6

Target Property:
BONANZA PEAK
TECOPA, CA 92389

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

Focus Map - 7 - 7587336.2s



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
National Priority List Sites
Dept. Defense Sites
Indian Reservations BIA

0 1/4 1/2 Miles

SITE NAME: Bonanza Peak	CLIENT: Ninyo & Moore
ADDRESS: Bonanza Peak	CONTACT: Crystal Castellanos
CITY/STATE: Tecopa CA	INQUIRY #: 7587336.2s
ZIP: 92389	DATE: 03/06/24

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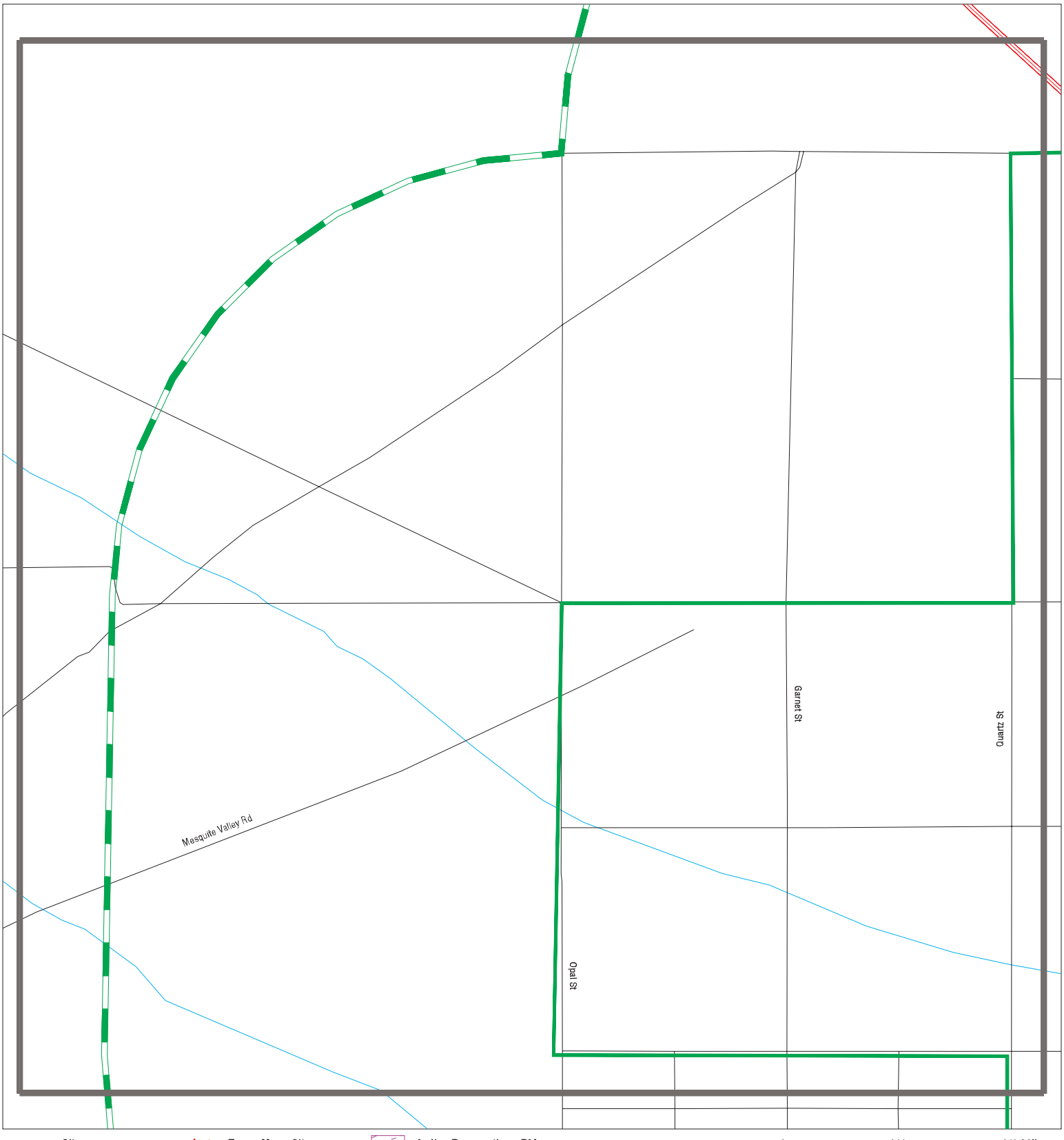
MAPPED SITES SUMMARY - FOCUS MAP 7

Target Property:
BONANZA PEAK
TECOPA, CA 92389

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

Focus Map - 8 - 7587336.2s



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
National Priority List Sites
Dept. Defense Sites
Indian Reservations BIA

0 1/4 1/2 Miles

SITE NAME: Bonanza Peak	CLIENT: Ninyo & Moore
ADDRESS: Bonanza Peak	CONTACT: Crystal Castellanos
CITY/STATE: Tecopa CA	INQUIRY #: 7587336.2s
ZIP: 92389	DATE: 03/06/24

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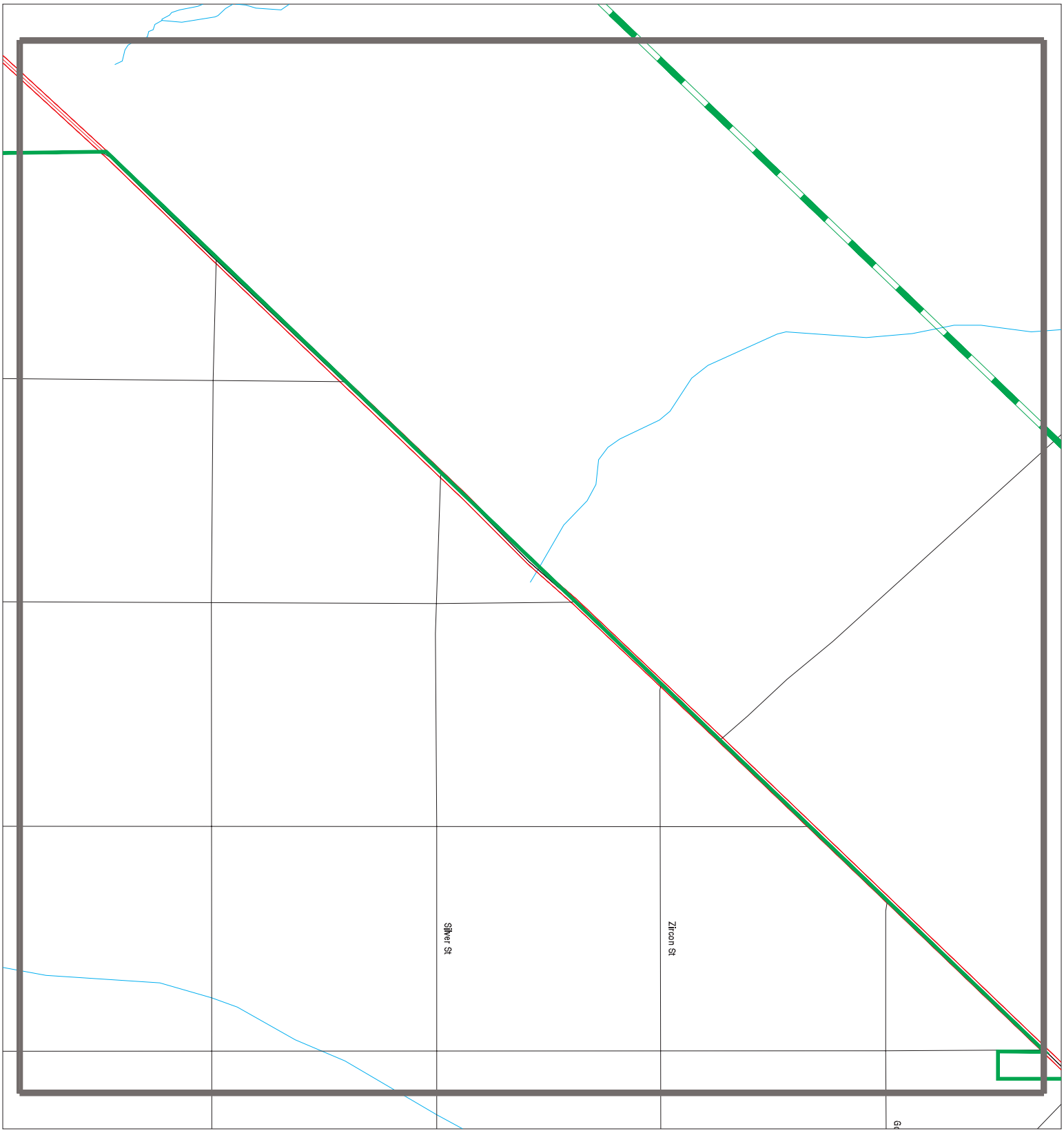
MAPPED SITES SUMMARY - FOCUS MAP 8

Target Property:
BONANZA PEAK
TECOPA, CA 92389

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

Focus Map - 9 - 7587336.2s



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
National Priority List Sites
Dept. Defense Sites
Indian Reservations BIA

0 1/4 1/2 Miles

SITE NAME: Bonanza Peak	CLIENT: Ninyo & Moore
ADDRESS: Bonanza Peak	CONTACT: Crystal Castellanos
CITY/STATE: Tecopa CA	INQUIRY #: 7587336.2s
ZIP: 92389	DATE: 03/06/24

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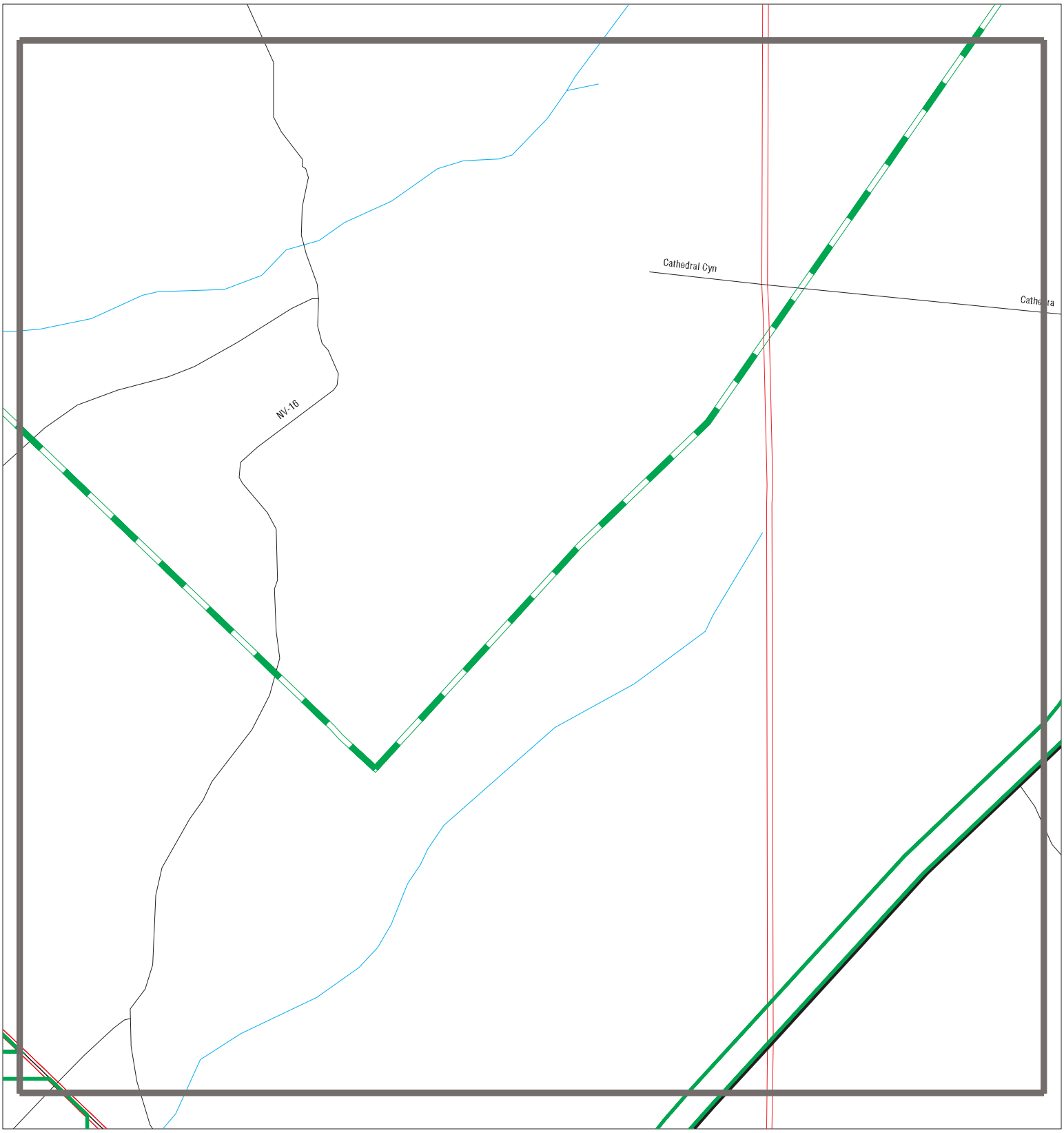
MAPPED SITES SUMMARY - FOCUS MAP 9

Target Property:
BONANZA PEAK
TECOPA, CA 92389

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

Focus Map - 10 - 7587336.2s



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
National Priority List Sites
Dept. Defense Sites
Indian Reservations BIA

0 1/4 1/2 Miles

SITE NAME: Bonanza Peak ADDRESS: Bonanza Peak CITY/STATE: Tecopa CA ZIP: 92389	CLIENT: Ninyo & Moore CONTACT: Crystal Castellanos INQUIRY #: 7587336.2s DATE: 03/06/24

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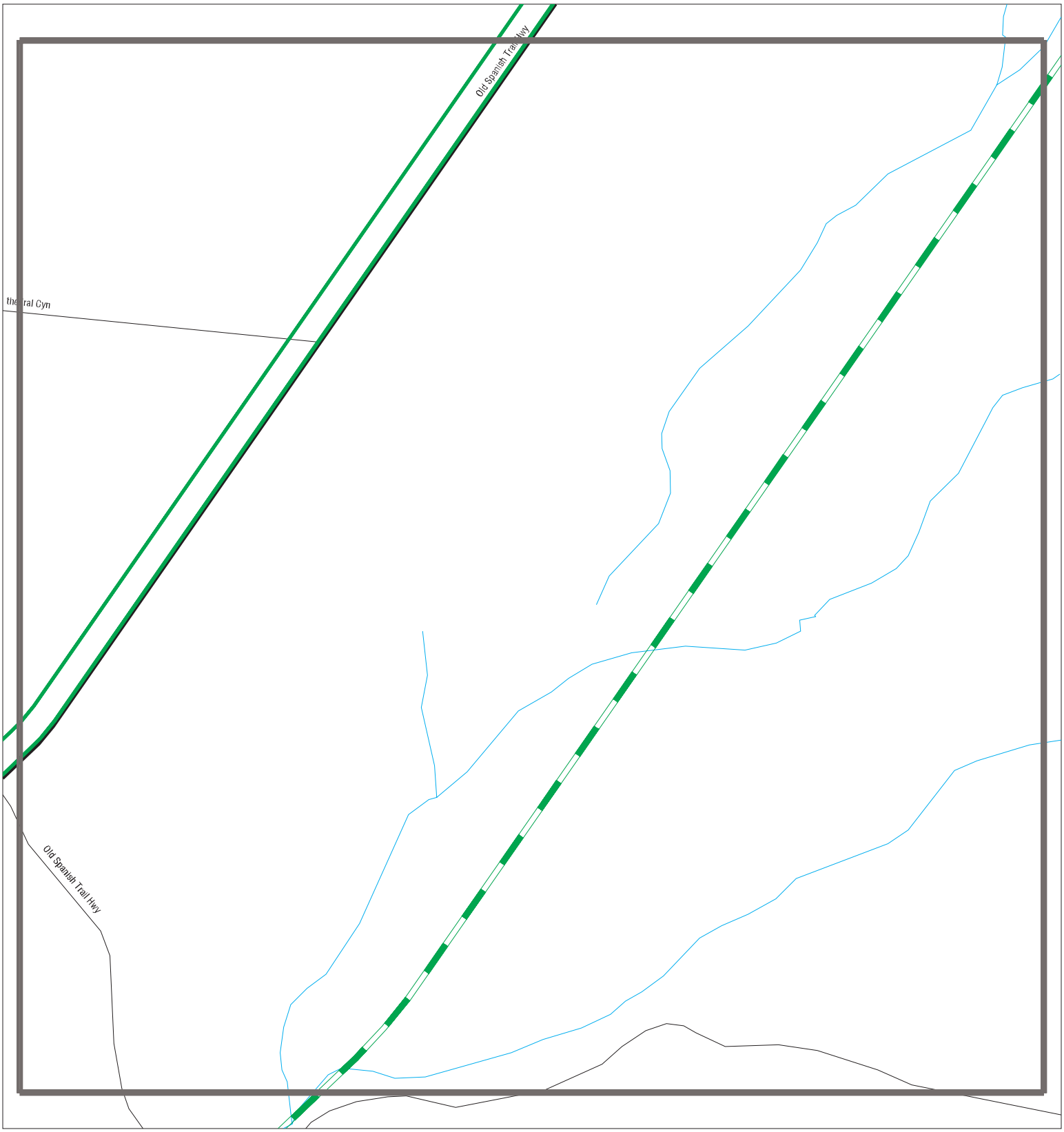
MAPPED SITES SUMMARY - FOCUS MAP 10

Target Property:
BONANZA PEAK
TECOPA, CA 92389

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

Focus Map - 11 - 7587336.2s



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
National Priority List Sites
Dept. Defense Sites
Indian Reservations BIA

0 1/4 1/2 Miles

SITE NAME: Bonanza Peak ADDRESS: Bonanza Peak CITY/STATE: Tecopa CA ZIP: 92389	CLIENT: Ninyo & Moore CONTACT: Crystal Castellanos INQUIRY #: 7587336.2s DATE: 03/06/24

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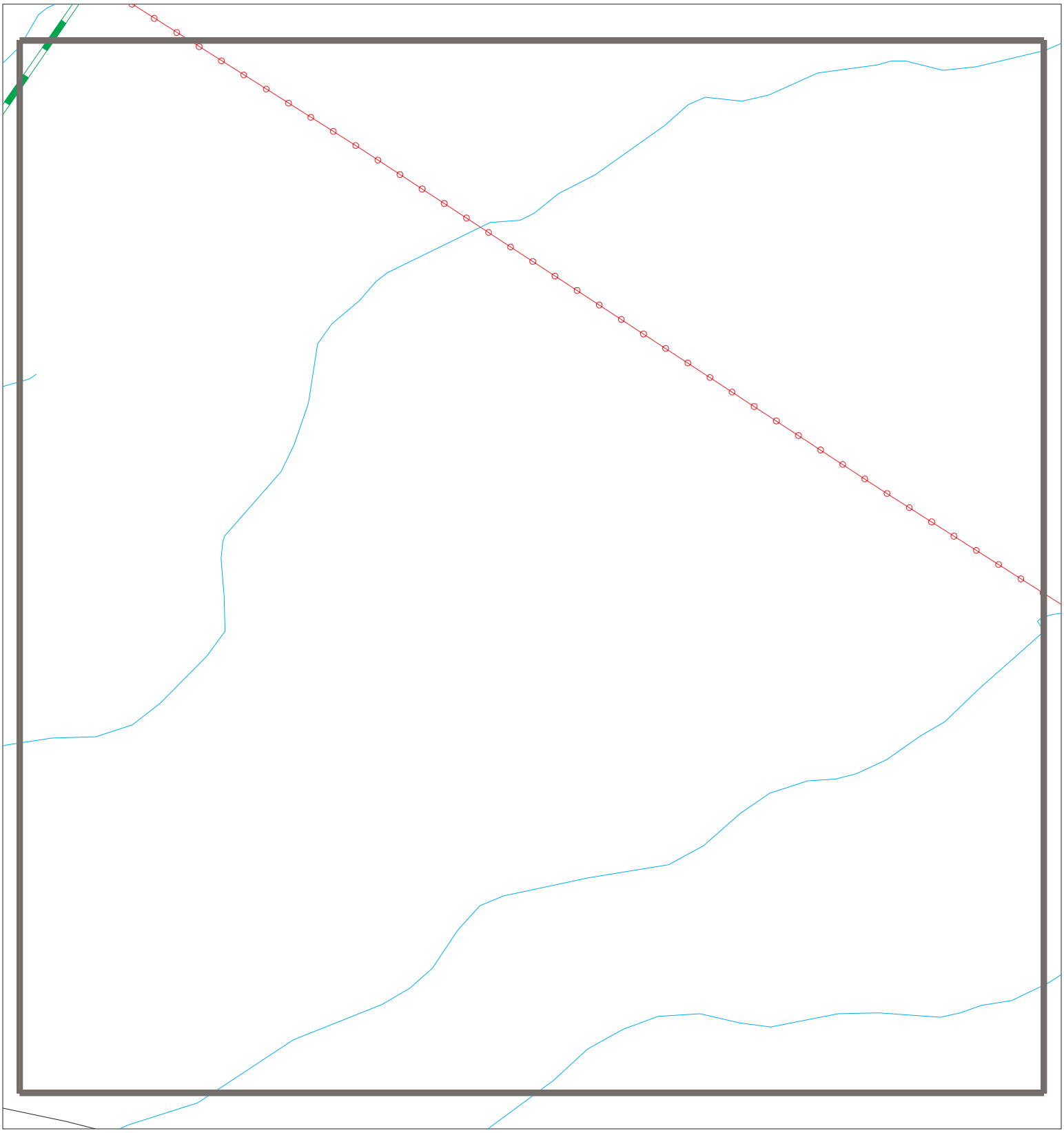
MAPPED SITES SUMMARY - FOCUS MAP 11

Target Property:
BONANZA PEAK
TECOPA, CA 92389

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

Focus Map - 12 - 7587336.2s



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
National Priority List Sites
Dept. Defense Sites
Indian Reservations BIA

0 1/4 1/2 Miles

SITE NAME: Bonanza Peak	CLIENT: Ninyo & Moore
ADDRESS: Bonanza Peak	CONTACT: Crystal Castellanos
CITY/STATE: Tecopa CA	INQUIRY #: 7587336.2s
ZIP: 92389	DATE: 03/06/24

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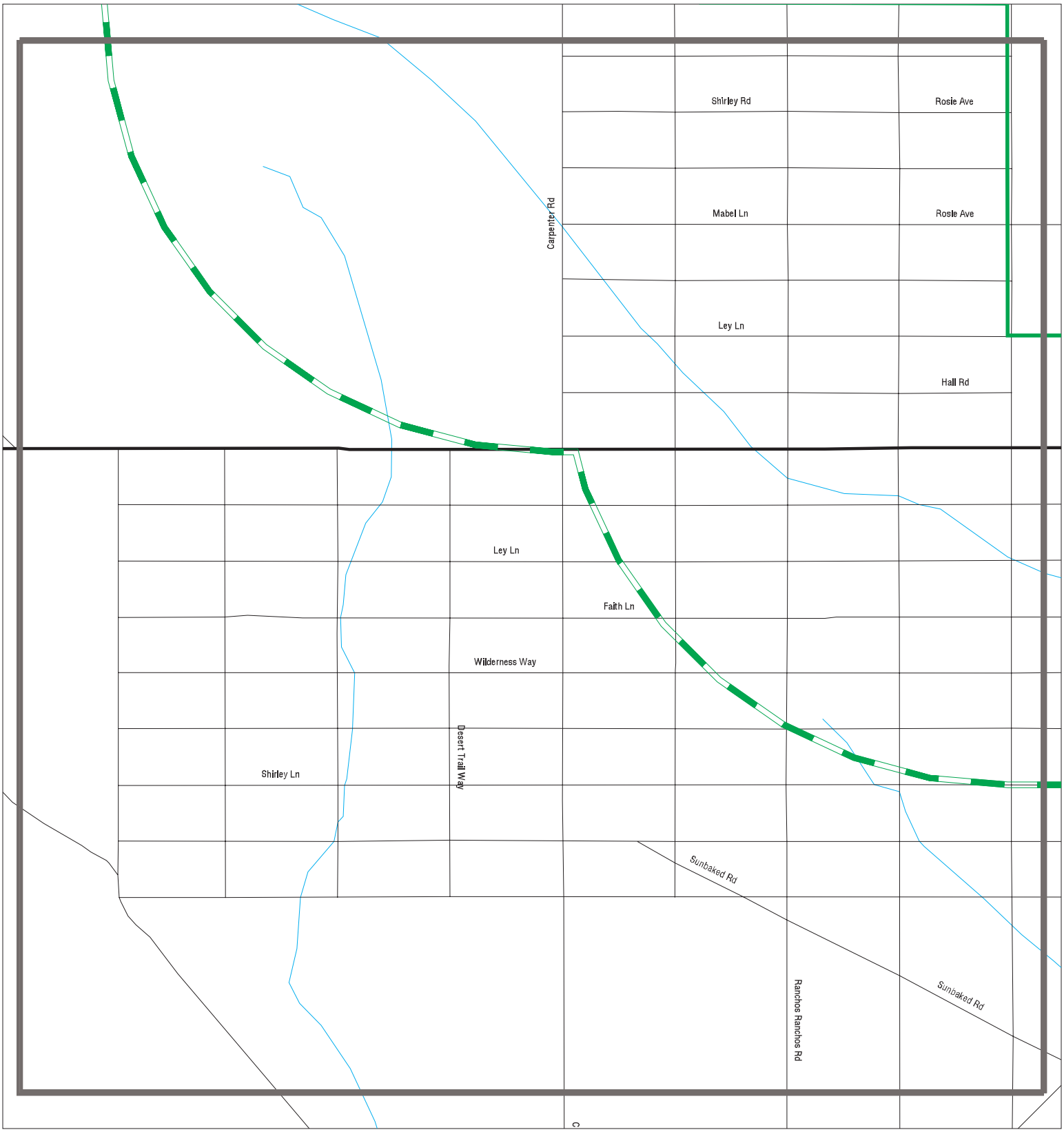
MAPPED SITES SUMMARY - FOCUS MAP 12

Target Property:
BONANZA PEAK
TECOPA, CA 92389

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

Focus Map - 13 - 7587336.2s



- Sites
- Target Property
- Search Buffer
- Focus Map - No Sites
- Focus Map - Sites
- Power Line
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA

SITE NAME: Bonanza Peak	CLIENT: Ninyo & Moore
ADDRESS: Bonanza Peak	CONTACT: Crystal Castellanos
CITY/STATE: Tecopa CA	INQUIRY #: 7587336.2s
ZIP: 92389	DATE: 03/06/24

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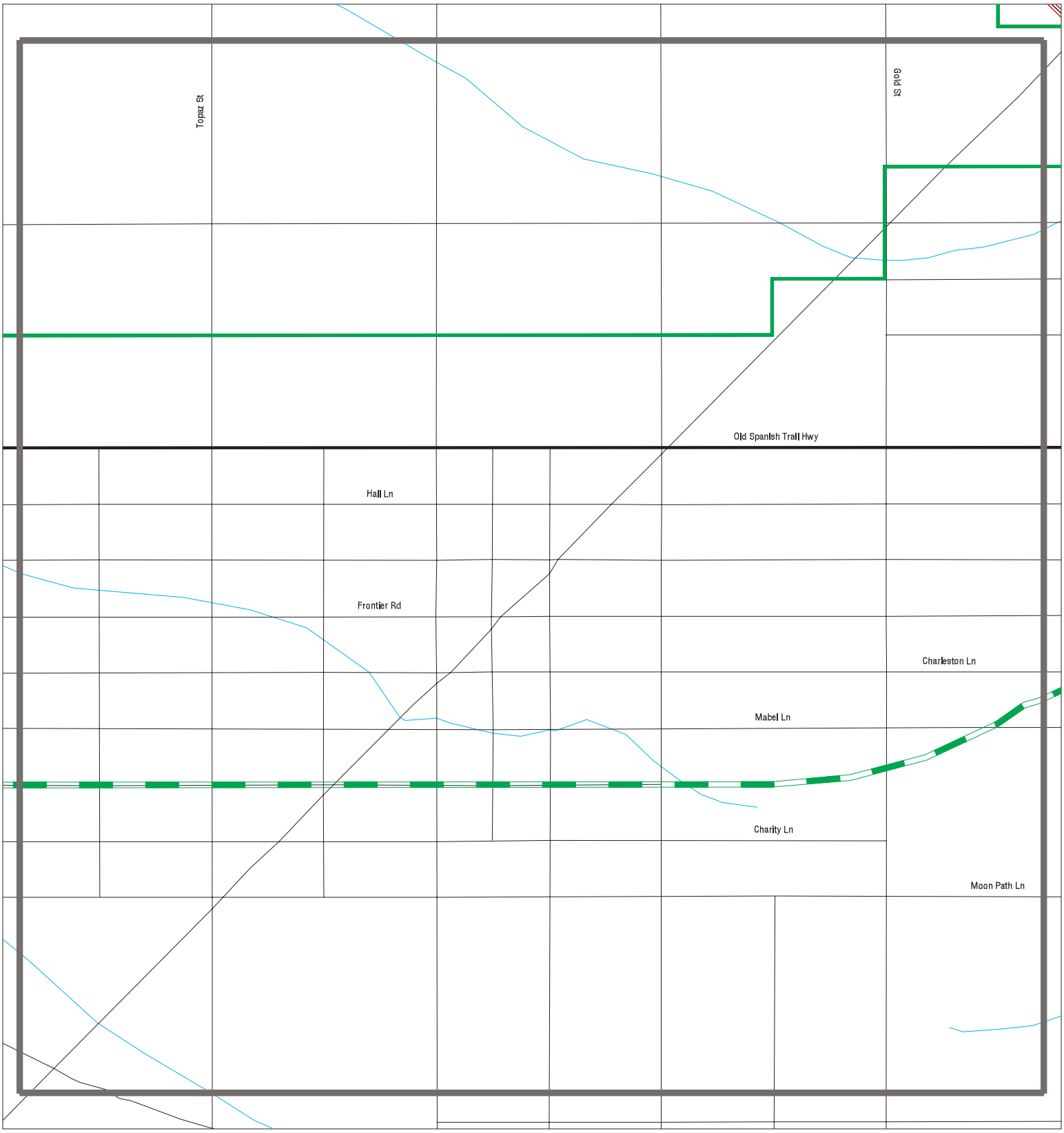
MAPPED SITES SUMMARY - FOCUS MAP 13

Target Property:
BONANZA PEAK
TECOPA, CA 92389

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

Focus Map - 14 - 7587336.2s



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
National Priority List Sites
Dept. Defense Sites
Indian Reservations BIA

0 1/4 1/2 Miles

SITE NAME: Bonanza Peak	CLIENT: Ninyo & Moore
ADDRESS: Bonanza Peak	CONTACT: Crystal Castellanos
CITY/STATE: Tecopa CA	INQUIRY #: 7587336.2s
ZIP: 92389	DATE: 03/06/24

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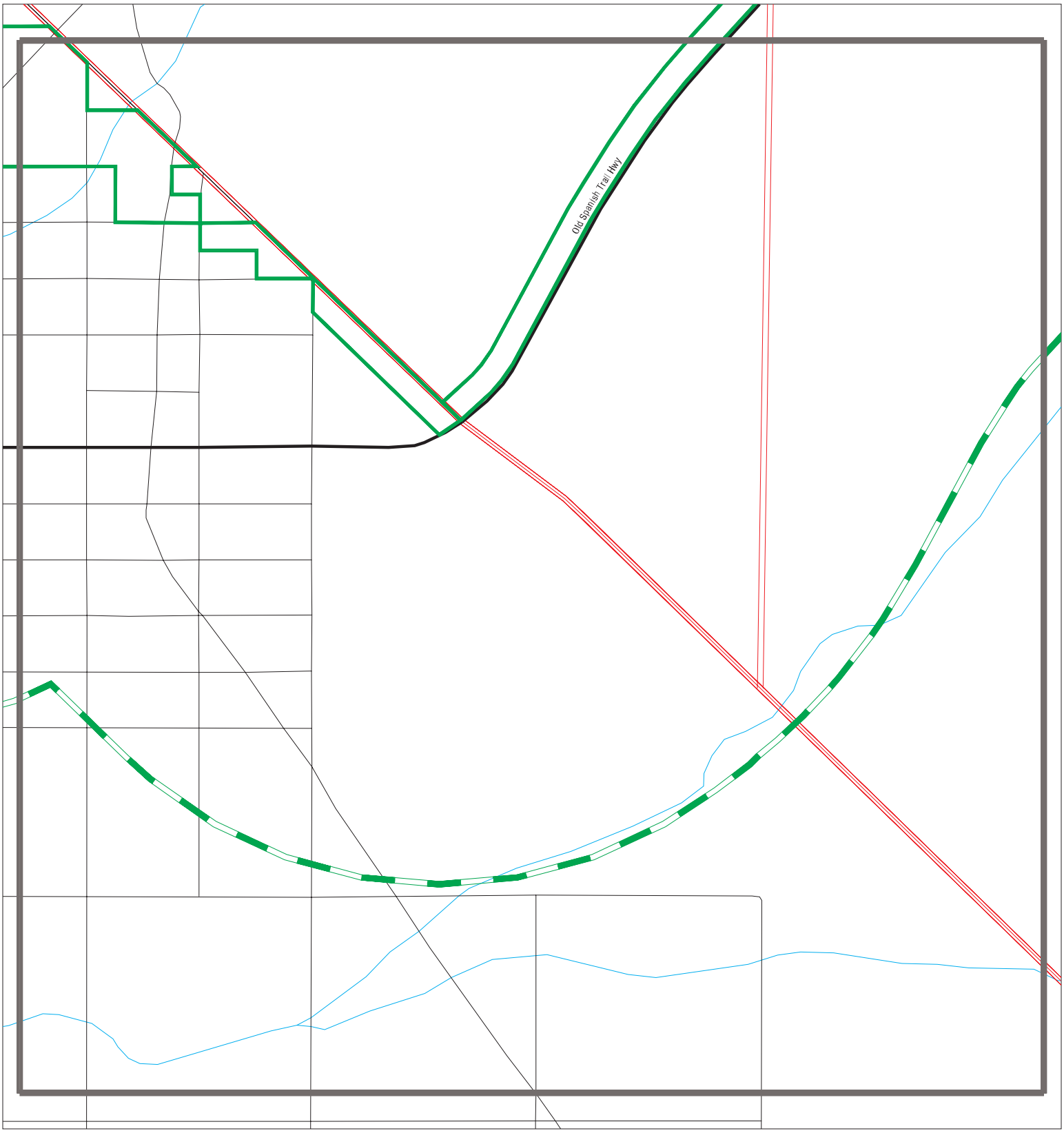
MAPPED SITES SUMMARY - FOCUS MAP 14

Target Property:
BONANZA PEAK
TECOPA, CA 92389

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

Focus Map - 15 - 7587336.2s



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
National Priority List Sites
Dept. Defense Sites
Indian Reservations BIA

0 1/4 1/2 Miles

SITE NAME: Bonanza Peak	CLIENT: Ninyo & Moore
ADDRESS: Bonanza Peak	CONTACT: Crystal Castellanos
CITY/STATE: Tecopa CA	INQUIRY #: 7587336.2s
ZIP: 92389	DATE: 03/06/24

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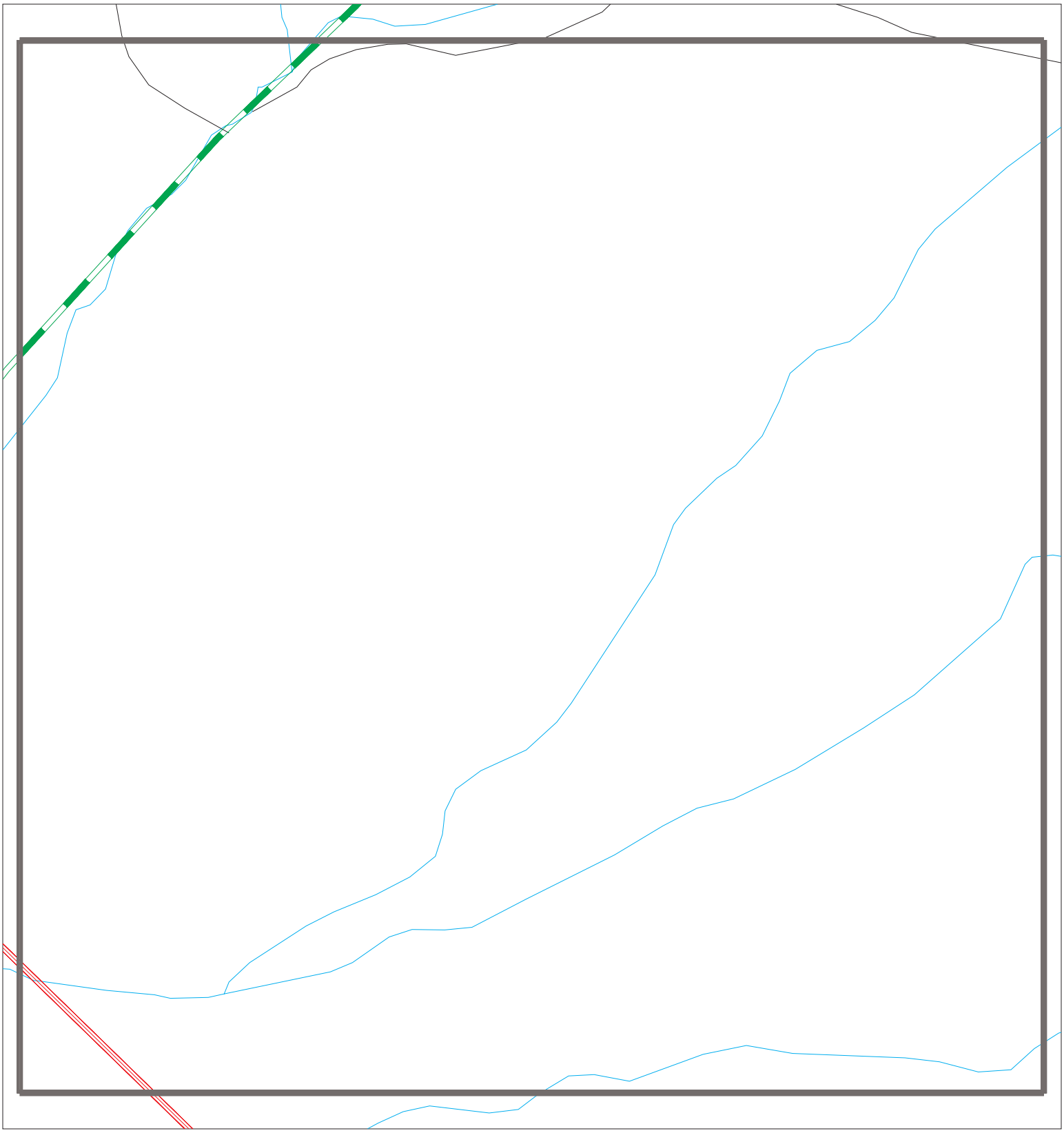
MAPPED SITES SUMMARY - FOCUS MAP 15

Target Property:
BONANZA PEAK
TECOPA, CA 92389

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

Focus Map - 16 - 7587336.2s



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
National Priority List Sites
Dept. Defense Sites
Indian Reservations BIA

0 1/4 1/2 Miles

SITE NAME: Bonanza Peak ADDRESS: Bonanza Peak CITY/STATE: Tecopa CA ZIP: 92389	CLIENT: Ninyo & Moore CONTACT: Crystal Castellanos INQUIRY #: 7587336.2s DATE: 03/06/24

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MAPPED SITES SUMMARY - FOCUS MAP 16

Target Property:
BONANZA PEAK
TECOPA, CA 92389

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number

MAP FINDINGS

NO SITES FOUND

Count: 2 records

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
INYO COUNTY	S131568561	SILVER CANYON	SILVER CANYON ROAD		CIWQS
MT. CHARLESTON	S126510046	KYLE CANYON SYSTEM IMPROVEMENT	ECHO VIEW & CATHEDRAL ROCK	89124	NPDES

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 12/26/2023
Date Data Arrived at EDR: 01/02/2024
Date Made Active in Reports: 01/24/2024
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 03/01/2024
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 10
Telephone 206-553-8665

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 12/26/2023
Date Data Arrived at EDR: 01/02/2024
Date Made Active in Reports: 01/24/2024
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 03/01/2024
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 12/26/2023
Date Data Arrived at EDR: 01/02/2024
Date Made Active in Reports: 01/24/2024
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 03/01/2024
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 12/20/2023
Date Data Arrived at EDR: 12/20/2023
Date Made Active in Reports: 01/24/2024
Number of Days to Update: 35

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 12/20/2023
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 01/29/2024
Date Data Arrived at EDR: 02/01/2024
Date Made Active in Reports: 02/22/2024
Number of Days to Update: 21

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/01/2024
Next Scheduled EDR Contact: 04/22/2024
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 01/29/2024
Date Data Arrived at EDR: 02/01/2024
Date Made Active in Reports: 02/22/2024
Number of Days to Update: 21

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 02/01/2024
Next Scheduled EDR Contact: 04/22/2024
Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/06/2023
Date Made Active in Reports: 12/12/2023
Number of Days to Update: 6

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/06/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/06/2023
Date Made Active in Reports: 12/12/2023
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/06/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/06/2023
Date Made Active in Reports: 12/12/2023
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/06/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/06/2023
Date Made Active in Reports: 12/12/2023
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/06/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/06/2023
Date Made Active in Reports: 12/12/2023
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/06/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 08/03/2023
Date Data Arrived at EDR: 08/07/2023
Date Made Active in Reports: 10/10/2023
Number of Days to Update: 64

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 02/02/2024
Next Scheduled EDR Contact: 05/20/2024
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 10/26/2023
Date Data Arrived at EDR: 11/17/2023
Date Made Active in Reports: 02/13/2024
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/21/2024
Next Scheduled EDR Contact: 06/03/2024
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 10/26/2023
Date Data Arrived at EDR: 11/17/2023
Date Made Active in Reports: 02/13/2024
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/21/2024
Next Scheduled EDR Contact: 06/03/2024
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/12/2023
Date Data Arrived at EDR: 12/13/2023
Date Made Active in Reports: 02/28/2024
Number of Days to Update: 77

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 12/13/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Quarterly

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 10/23/2023
Date Data Arrived at EDR: 10/24/2023
Date Made Active in Reports: 01/11/2024
Number of Days to Update: 79

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/23/2024
Next Scheduled EDR Contact: 05/06/2024
Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 10/23/2023
Date Data Arrived at EDR: 10/24/2023
Date Made Active in Reports: 01/11/2024
Number of Days to Update: 79

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/23/2024
Next Scheduled EDR Contact: 05/06/2024
Data Release Frequency: Quarterly

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 11/06/2023
Date Data Arrived at EDR: 11/07/2023
Date Made Active in Reports: 02/05/2024
Number of Days to Update: 90

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 02/06/2024
Next Scheduled EDR Contact: 05/20/2024
Data Release Frequency: Quarterly

Lists of state and tribal leaking storage tanks

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)

Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/05/2023
Date Made Active in Reports: 02/28/2024
Number of Days to Update: 85

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 03/05/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Quarterly

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/14/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/19/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/19/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)

Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/05/2023
Date Made Active in Reports: 02/27/2024
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/05/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 11/16/2023
Date Data Arrived at EDR: 11/16/2023
Date Made Active in Reports: 02/13/2024
Number of Days to Update: 89

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)
Military ust sites

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/05/2023
Date Made Active in Reports: 02/28/2024
Number of Days to Update: 85

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/05/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Varies

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/05/2023
Date Made Active in Reports: 02/28/2024
Number of Days to Update: 85

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 03/05/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Semi-Annually

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases
UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 11/28/2023
Date Data Arrived at EDR: 11/30/2023
Date Made Active in Reports: 02/27/2024
Number of Days to Update: 89

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 03/05/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Varies

AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 12/05/2023
Next Scheduled EDR Contact: 03/25/2024
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/19/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/14/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

Lists of state and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142
Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 12/12/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Varies

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

Date of Government Version: 10/23/2023
Date Data Arrived at EDR: 10/24/2023
Date Made Active in Reports: 01/11/2024
Number of Days to Update: 79
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/23/2024
Next Scheduled EDR Contact: 05/06/2024
Data Release Frequency: Quarterly

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27
Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

Lists of state and tribal brownfield sites

BROWNFIELDS: Considered Brownfieds Sites Listing
A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 09/20/2023
Date Made Active in Reports: 12/08/2023
Number of Days to Update: 79
Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 12/13/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
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. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 08/15/2023
Date Data Arrived at EDR: 08/30/2023
Date Made Active in Reports: 12/01/2023
Number of Days to Update: 93
Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/14/2023
Next Scheduled EDR Contact: 03/25/2024
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 01/22/2024
Next Scheduled EDR Contact: 05/06/2024
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 11/29/2023
Date Data Arrived at EDR: 11/29/2023
Date Made Active in Reports: 02/23/2024
Number of Days to Update: 86

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 03/05/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 11/16/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 02/13/2023
Number of Days to Update: 83

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 02/20/2024
Next Scheduled EDR Contact: 05/20/2024
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 01/26/2024
Next Scheduled EDR Contact: 05/06/2024
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 05/06/2024
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 11/17/2023
Date Data Arrived at EDR: 11/17/2023
Date Made Active in Reports: 02/07/2024
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/21/2024
Next Scheduled EDR Contact: 06/03/2024
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 10/23/2023
Date Data Arrived at EDR: 10/24/2023
Date Made Active in Reports: 01/11/2024
Number of Days to Update: 79

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/23/2024
Next Scheduled EDR Contact: 05/06/2024
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a 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 location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 09/28/2023
Date Made Active in Reports: 12/18/2023
Number of Days to Update: 81

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 02/26/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

CERS HAZ WASTE: California Environmental Reporting System Hazardous Waste
List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 10/16/2023
Date Data Arrived at EDR: 10/17/2023
Date Made Active in Reports: 01/09/2024
Number of Days to Update: 84
Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 01/16/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site 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.

Date of Government Version: 11/17/2023
Date Data Arrived at EDR: 11/17/2023
Date Made Active in Reports: 02/07/2024
Number of Days to Update: 82
Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/21/2024
Next Scheduled EDR Contact: 06/03/2024
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing
Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35
Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HIST UST: Hazardous Substance Storage Container Database
The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18
Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing
Aboveground storage tank sites

Date of Government Version: 10/30/2023
Date Data Arrived at EDR: 11/01/2023
Date Made Active in Reports: 01/23/2024
Number of Days to Update: 83
Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 01/29/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Varies

CERS TANKS: California Environmental Reporting System (CERS) Tanks
List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 10/16/2023
Date Data Arrived at EDR: 10/17/2023
Date Made Active in Reports: 01/09/2024
Number of Days to Update: 84

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 01/16/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Quarterly

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 11/21/2023
Date Data Arrived at EDR: 11/22/2023
Date Made Active in Reports: 02/16/2024
Number of Days to Update: 86

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/26/2024
Next Scheduled EDR Contact: 06/10/2024
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA 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.

Date of Government Version: 11/14/2023
Date Data Arrived at EDR: 12/22/2023
Date Made Active in Reports: 01/24/2024
Number of Days to Update: 33

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 03/01/2024
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 11/22/2023
Date Data Arrived at EDR: 11/22/2023
Date Made Active in Reports: 02/15/2024
Number of Days to Update: 85

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 02/27/2024
Next Scheduled EDR Contact: 06/10/2024
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/12/2023
Date Data Arrived at EDR: 12/13/2023
Date Made Active in Reports: 02/28/2024
Number of Days to Update: 77

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 12/13/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 06/01/2023
Date Data Arrived at EDR: 07/18/2023
Date Made Active in Reports: 10/05/2023
Number of Days to Update: 79

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 01/18/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)

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

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/05/2023
Date Made Active in Reports: 02/27/2024
Number of Days to Update: 84

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/05/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)

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

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/05/2023
Date Made Active in Reports: 02/28/2024
Number of Days to Update: 85

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/05/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/06/2023
Date Made Active in Reports: 12/12/2023
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/06/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 09/28/2023
Date Data Arrived at EDR: 11/10/2023
Date Made Active in Reports: 02/07/2024
Number of Days to Update: 89

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 02/13/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 01/10/2024
Next Scheduled EDR Contact: 04/22/2024
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 01/05/2024
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 07/30/2021
Date Data Arrived at EDR: 02/03/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 02/06/2024
Next Scheduled EDR Contact: 05/20/2024
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 12/11/2023
Date Data Arrived at EDR: 12/13/2023
Date Made Active in Reports: 02/28/2024
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 12/13/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 01/29/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 02/02/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 06/14/2022
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 283

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/14/2023
Next Scheduled EDR Contact: 03/25/2024
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 11/13/2023
Date Made Active in Reports: 02/07/2024
Number of Days to Update: 86

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/15/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 10/19/2023
Date Data Arrived at EDR: 10/20/2023
Date Made Active in Reports: 01/16/2024
Number of Days to Update: 88

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 12/26/2023
Date Data Arrived at EDR: 01/02/2024
Date Made Active in Reports: 01/24/2024
Number of Days to Update: 22

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 03/01/2024
Next Scheduled EDR Contact: 06/10/2024
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 09/01/2023
Date Data Arrived at EDR: 09/27/2023
Date Made Active in Reports: 12/21/2023
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/12/2024
Next Scheduled EDR Contact: 04/19/2024
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 02/01/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 03/20/2023
Date Data Arrived at EDR: 04/04/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 66

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/05/2024
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/26/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/20/2023
Date Data Arrived at EDR: 09/01/2023
Date Made Active in Reports: 09/20/2023
Number of Days to Update: 19

Source: Nuclear Regulatory Commission
Telephone: 301-415-0717
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 11/27/2023
Date Made Active in Reports: 02/22/2024
Number of Days to Update: 87

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 02/23/2024
Next Scheduled EDR Contact: 06/10/2024
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 02/23/2024
Next Scheduled EDR Contact: 06/10/2024
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 02/02/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 12/19/2023
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data
Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80
Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 01/05/2024
Next Scheduled EDR Contact: 05/06/2024
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 01/11/2024
Date Made Active in Reports: 01/16/2024
Number of Days to Update: 5

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 12/06/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/02/2024
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 03/03/2023
Date Data Arrived at EDR: 03/03/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 98

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 01/29/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/15/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 12/26/2024
Date Data Arrived at EDR: 01/02/2024
Date Made Active in Reports: 01/24/2024
Number of Days to Update: 22

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 03/01/2024
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 11/01/2023
Date Data Arrived at EDR: 11/17/2023
Date Made Active in Reports: 02/13/2024
Number of Days to Update: 88

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 02/21/2024
Next Scheduled EDR Contact: 06/03/2024
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 01/02/2024
Date Data Arrived at EDR: 01/03/2024
Date Made Active in Reports: 01/04/2024
Number of Days to Update: 1

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 05/20/2024
Data Release Frequency: Quarterly

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 01/07/2022
Date Data Arrived at EDR: 02/24/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 82

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 02/22/2024
Next Scheduled EDR Contact: 06/03/2024
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 02/22/2024
Next Scheduled EDR Contact: 06/03/2024
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

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

Date of Government Version: 11/28/2023
Date Data Arrived at EDR: 11/29/2023
Date Made Active in Reports: 12/11/2023
Number of Days to Update: 12

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 03/01/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Quarterly

MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

Date of Government Version: 08/23/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 98

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 02/22/2024
Next Scheduled EDR Contact: 06/03/2024
Data Release Frequency: Varies

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 11/03/2023
Date Data Arrived at EDR: 11/08/2023
Date Made Active in Reports: 11/20/2023
Number of Days to Update: 12

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 02/27/2024
Next Scheduled EDR Contact: 06/10/2024
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 02/20/2024
Next Scheduled EDR Contact: 06/03/2024
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 12/17/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/06/2023
Date Data Arrived at EDR: 09/13/2023
Date Made Active in Reports: 12/11/2023
Number of Days to Update: 89

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 01/05/2024
Next Scheduled EDR Contact: 04/22/2024
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 11/10/2023
Date Data Arrived at EDR: 11/10/2023
Date Made Active in Reports: 02/07/2024
Number of Days to Update: 89

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 02/13/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 01/04/2024
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS TRIS: List of PFAS Added to the TRI

Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 01/04/2024
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-566-0250
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST_HANDLING_INSTR), Non-hazardous waste description (NON_HAZ_WASTE_DESCRIPTION), DOT printed information (DOT_PRINTED_INFORMATION), Waste line handling instructions (WASTE_LINE_HANDLING_INSTR), Waste residue comments (WASTE_RESIDUE_COMMENTS).

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 01/04/2024
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020
Date Data Arrived at EDR: 03/17/2021
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 601

Source: Department of Health & Human Services
Telephone: 202-741-5770
Last EDR Contact: 01/22/2024
Next Scheduled EDR Contact: 05/06/2024
Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits. Caveats and Limitations: Less than half of states have required PFAS monitoring for at least one of their permittees and fewer states have established PFAS effluent limits for permittees. New rulemakings have been initiated that may increase the number of facilities monitoring for PFAS in the future.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS ECHO FIRE TRAINING: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facilitys name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset. as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS PART 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration?s document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 202-267-2675
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PCS ENF: Enforcement data
No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 12/27/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PCS: Permit Compliance System
PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 12/16/2016
Date Data Arrived at EDR: 01/06/2017
Date Made Active in Reports: 03/10/2017
Number of Days to Update: 63

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 12/27/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: No Update Planned

BIOSOLIDS: ICIS-NPDES Biosolids Facility Data
The data reflects compliance information about facilities in the biosolids program.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 01/03/2024
Date Made Active in Reports: 01/16/2024
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 202-564-4700
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

PFAS: PFAS Contamination Site Location Listing
A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 11/30/2023
Date Data Arrived at EDR: 11/30/2023
Date Made Active in Reports: 02/26/2024
Number of Days to Update: 88

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 11/30/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Varies

AQUEOUS FOAM: Former Fire Training Facility Assessments Listing
Airports shown on this list are those believed to use Aqueous Film Forming Foam (AFFF), and certified by the Federal Aviation Administration (FAA) under Title 14, Code of Federal Regulations (CFR), Part 139 (14 CFR Part 139). This list was created by SWRCB using information available from the FAA. Location points shown are from the latitude and longitude listed on the FAA airport master record.

Date of Government Version: 11/30/2023
Date Data Arrived at EDR: 11/30/2023
Date Made Active in Reports: 02/23/2024
Number of Days to Update: 85

Source: State Water Resources Control Board
Telephone: 916-341-5455
Last EDR Contact: 03/05/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Varies

CA BOND EXP. PLAN: Bond Expenditure Plan
Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CHROME PLATING: Chrome Plating Facilities Listing

This listing represents chrome plating facilities the California State Water Resources Control Board staff identified as possibly being a source of Per- and polyfluoroalkyl substance (PFAS) contamination. Sites and locations were identified by staff with the Division of Water Quality in the California State Water Board. Data was collected from the CA Air Resources Board 2013 and 2018 - Cr VI emission survey, CA Emission Inventory, CA HAZ Waste discharge database and by reviewing storm water permits. Former chrome plating sites are also included that are open site investigation or remediation cases with the Regional Water Quality Control Boards and the Department of Toxic Substances Control.

Date of Government Version: 11/30/2023
Date Data Arrived at EDR: 11/30/2023
Date Made Active in Reports: 02/23/2024
Number of Days to Update: 85

Source: State Water Resources Control Board
Telephone: 916-341-5455
Last EDR Contact: 03/05/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Varies

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 09/20/2023
Date Made Active in Reports: 12/08/2023
Number of Days to Update: 79

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 12/13/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Quarterly

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing

list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 03/31/2023
Date Data Arrived at EDR: 05/08/2023
Date Made Active in Reports: 07/31/2023
Number of Days to Update: 84

Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 02/09/2024
Next Scheduled EDR Contact: 05/20/2024
Data Release Frequency: Varies

DRYCLEAN NO SIERRA DIST: Northern Sierra Air Quality Management District Drycleaner Facility Listing

A listing of drycleaner facility locations, for the Northern Sierra Air Quality Management District,

Date of Government Version: 05/07/2019
Date Data Arrived at EDR: 05/07/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1455

Source: Northern Sierra Air Quality Management District
Telephone: 530-274-9350
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN NO SONOMA CO DIST: Norther Sonoma County County Air Pollution Control District Drycleaner Facility Listing

A listing of drycleaner facility locations, for the Northern Sonoma County Air Pollution Control District.,

Date of Government Version: 04/17/2019
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1475

Source: Santa Barbara County Air Pollution Control District
Telephone: 707-433-5911
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SANTA BARB CO DIST: Santa Barbara County Air Pollution Control District Drycleaner Facility Listing

A listing of drycleaner facility locations, for the Santa Barbara County Air Pollution Control District.

Date of Government Version: 02/19/2019
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1475

Source: Santa Barbara County Air Pollution Control District
Telephone: 805-961-8867
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN TEHAMA CO DIST: Tehama County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Tehama County Air Pollution Control District.

Date of Government Version: 04/24/2019
Date Data Arrived at EDR: 04/24/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1468
Source: Tehama County Air Pollution Control District
Telephone: 530-527-3717
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SACRAMENTO METO DIST: Sacramento Metropolitan Air Quality Management DistrictDrycleaner Facility Listing
A listing of drycleaner facility locations, for the Sacramento Metropolitan Air Quality Management District.

Date of Government Version: 08/15/2023
Date Data Arrived at EDR: 08/17/2023
Date Made Active in Reports: 10/31/2023
Number of Days to Update: 75
Source: Sacramento Metropolitan Air Quality Management District
Telephone: 916-874-3958
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SAN LUIS OB CO DIST: San Luis Obispo County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the San Luis Obispo County Air Pollution Control District.

Date of Government Version: 07/26/2023
Date Data Arrived at EDR: 07/27/2023
Date Made Active in Reports: 10/13/2023
Number of Days to Update: 78
Source: San Luis Obispo County Air Pollution Control District
Telephone: 805-781-5756
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN BUTTE CO DIST: Butte County Air Quality Management DistrictDrycleaner Facility Listing
Butte County Air Quality Management DistrictDrycleaner Facility Listing.

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 10/18/2023
Date Made Active in Reports: 01/16/2024
Number of Days to Update: 90
Source: Butte County Air Quality Management District
Telephone: 530-332-9400
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN FEATHER RIVER DIST: Feather River Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Feather River Air Quality Management District.

Date of Government Version: 03/08/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 06/05/2023
Number of Days to Update: 88
Source: Feather River Air Quality Management District
Telephone: 530-634-7659
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SAN JOAQ VAL DIST: San Joaquin Valley Air Pollution Control District District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the San Joaquin Valley Air Pollution Control District.

Date of Government Version: 05/24/2023
Date Data Arrived at EDR: 05/30/2023
Date Made Active in Reports: 08/21/2023
Number of Days to Update: 83
Source: San Joaquin Valley Air Pollution Control District
Telephone: 559-230-6001
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN EAST KERN DIST: Eastern Kern Air Pollution Control District District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Eastern Kern Air Pollution Control District.

Date of Government Version: 01/12/2023
Date Data Arrived at EDR: 04/26/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 79
Source: Eastern Kern Air Pollution Control District
Telephone: 661-862-9684
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN IMPERIAL CO DIST: Imperial County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Imperial County Air Pollution Control District

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 04/26/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 79

Source: Imperial County Air Pollution Control District
Telephone: 442-265-1800
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN MENDO CO DIST: Mendocino County Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Mendocino County Air Quality Management District.

Date of Government Version: 04/27/2023
Date Data Arrived at EDR: 04/28/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 77

Source: Mendocino County Air Quality Management District
Telephone: 707-463-4354
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN MOJAVE DESERT DIST: Mojave Desert Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Mojave Desert Air Quality Management District.

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 78

Source: Mojave Desert Air Quality Management District
Telephone: 760-245-1661
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN MONTEREY BAY DIST: Monterey Bay Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Monterey Bay Air Quality Management District.

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 04/26/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 79

Source: Monterey Bay Air Quality Management District
Telephone: 831-647-9411
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SHASTA CO DIST: Shasta County Air Quality Management District District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Shasta County Air Quality Management District.

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 78

Source: Shasta County Air Quality Management District
Telephone: 530-225-5674
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN YOLO-SOLANO DIST: Yolo-Solano Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Yolo-Solano Air Quality Management District.

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 78

Source: Yolo-Solano Air Quality Management District
Telephone: 530-757-3650
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN PLACER CO DIST: Placer County Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Placer County Air Quality Management District.

Date of Government Version: 05/15/2023
Date Data Arrived at EDR: 05/17/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 89

Source: Placer County Air Quality Management District
Telephone: 530-745-2335
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN BAY AREA DIST: Bay Area Air Quality Management District Drycleaner Facility Listing
Bay Area Air Quality Management District Drycleaner Facility Listing.

Date of Government Version: 02/20/2019
Date Data Arrived at EDR: 05/30/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1432
Source: Bay Area Air Quality Management District
Telephone: 415-516-1916
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN CALAVERAS CO DIST: Calaveras County Environmental Management Agency Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Calaveras County Environmental Management Agency.

Date of Government Version: 06/17/2019
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1412
Source: Calaveras County Environmental Management Agency
Telephone: 209-754-6399
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

DRYCLEAN GRANT: Grant Recipients List
Assembly Bill 998 (AB 998) established the Non-Toxic Dry Cleaning Incentive Program to provide financial assistance to the dry cleaning industry to switch from systems using perchloroethylene (Perc), an identified toxic air contaminant and potential human carcinogen, to non-toxic and non-smog forming alternatives.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 02/04/2021
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 816
Source: California Air Resources Board
Telephone: 916-323-0006
Last EDR Contact: 01/26/2024
Next Scheduled EDR Contact: 05/06/2024
Data Release Frequency: Varies

DRYCLEAN LAKE CO DIST: Lake County Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Lake County Air Quality Management District,

Date of Government Version: 04/29/2019
Date Data Arrived at EDR: 05/07/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1455
Source: Lake County Air Quality Management District
Telephone: 707-263-7000
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN NO COAST UNIFIED DIST: North Coast Unified Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the North Coast Unified Air Quality Management District.

Date of Government Version: 11/30/2016
Date Data Arrived at EDR: 04/19/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1473
Source: North Coast Unified Air Quality Management District
Telephone: 707-443-3093
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 11/14/2023
Date Data Arrived at EDR: 11/16/2023
Date Made Active in Reports: 02/12/2024
Number of Days to Update: 88
Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 02/20/2024
Next Scheduled EDR Contact: 06/03/2024
Data Release Frequency: Varies

DRYCLEAN VENTURA CO DIST: Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Ventura County Air Pollution Control District.

Date of Government Version: 01/04/2024
Date Data Arrived at EDR: 01/16/2024
Date Made Active in Reports: 02/08/2024
Number of Days to Update: 23
Source: Ventura County Air Pollution Control District
Telephone: 805-645-1421
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 11/21/2023
Date Data Arrived at EDR: 11/22/2023
Date Made Active in Reports: 02/16/2024
Number of Days to Update: 86
Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 02/26/2024
Next Scheduled EDR Contact: 06/10/2024
Data Release Frequency: Varies

DRYCLEAN AMADOR: Amador Air District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Amador Air Quality Management District

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 77
Source: Amador Air Quality Management District
Telephone: 209-257-0112
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities
A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 08/31/2023
Date Data Arrived at EDR: 09/08/2023
Date Made Active in Reports: 11/27/2023
Number of Days to Update: 80
Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 02/26/2024
Next Scheduled EDR Contact: 06/10/2024
Data Release Frequency: Annually

DRYCLEAN GLENN CO DIST: Glenn County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Glenn County Air Pollution Control District.

Date of Government Version: 05/02/2023
Date Data Arrived at EDR: 05/03/2023
Date Made Active in Reports: 07/25/2023
Number of Days to Update: 83
Source: Glenn County Air Pollution Control District
Telephone: 530-934-6500
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SAN DIEGO CO DIST: San Diego County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the San Diego County Air Pollution Control District.

Date of Government Version: 08/08/2023
Date Data Arrived at EDR: 08/09/2023
Date Made Active in Reports: 10/26/2023
Number of Days to Update: 78
Source: San Diego County Air Pollution Control District
Telephone: 858-586-2616
Last EDR Contact: 08/08/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

EMI: Emissions Inventory Data
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 06/09/2023
Date Made Active in Reports: 08/30/2023
Number of Days to Update: 82
Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 12/14/2023
Next Scheduled EDR Contact: 03/25/2024
Data Release Frequency: Varies

ENF: Enforcement Action Listing
A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 10/16/2023
Date Data Arrived at EDR: 10/17/2023
Date Made Active in Reports: 01/09/2024
Number of Days to Update: 84

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 01/16/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 09/13/2023
Date Data Arrived at EDR: 09/14/2023
Date Made Active in Reports: 09/21/2023
Number of Days to Update: 7

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 11/08/2023
Date Data Arrived at EDR: 11/22/2023
Date Made Active in Reports: 02/16/2024
Number of Days to Update: 86

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 02/20/2024
Next Scheduled EDR Contact: 05/20/2024
Data Release Frequency: Varies

ICE: Inspection, Compliance and Enforcement

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 02/07/2024
Date Data Arrived at EDR: 02/07/2024
Date Made Active in Reports: 02/07/2024
Number of Days to Update: 0

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 02/07/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 02/07/2024
Date Data Arrived at EDR: 02/07/2024
Date Made Active in Reports: 02/07/2024
Number of Days to Update: 0

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/07/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 10/02/2023
Date Data Arrived at EDR: 10/04/2023
Date Made Active in Reports: 12/27/2023
Number of Days to Update: 84

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Quarterly

HWTS: Hazardous Waste Tracking System

DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

Date of Government Version: 10/26/2023
Date Data Arrived at EDR: 10/27/2023
Date Made Active in Reports: 01/29/2024
Number of Days to Update: 94

Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 12/26/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 07/05/2022
Date Made Active in Reports: 09/19/2022
Number of Days to Update: 76

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Annually

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 11/29/2023
Date Data Arrived at EDR: 11/29/2023
Date Made Active in Reports: 02/23/2024
Number of Days to Update: 86

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 03/05/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 11/08/2023
Date Data Arrived at EDR: 11/22/2023
Date Made Active in Reports: 02/16/2024
Number of Days to Update: 86

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 02/27/2024
Next Scheduled EDR Contact: 06/10/2024
Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 11/06/2023
Date Data Arrived at EDR: 11/07/2023
Date Made Active in Reports: 02/05/2024
Number of Days to Update: 90

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 02/06/2024
Next Scheduled EDR Contact: 05/20/2024
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 11/22/2023
Date Data Arrived at EDR: 11/22/2023
Date Made Active in Reports: 02/16/2024
Number of Days to Update: 86
Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 02/27/2024
Next Scheduled EDR Contact: 06/10/2024
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 11/29/2023
Date Data Arrived at EDR: 11/29/2023
Date Made Active in Reports: 02/23/2024
Number of Days to Update: 86
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 03/05/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records
Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 12/06/2023
Date Data Arrived at EDR: 12/06/2023
Date Made Active in Reports: 02/29/2024
Number of Days to Update: 85
Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 12/05/2023
Next Scheduled EDR Contact: 03/25/2024
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 82
Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 01/29/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Annually

SANTA CRUZ CO SITE MITI: Site Mitigation Listing
Sites may become contaminated with toxic chemicals through illegal dumping or disposal, from leaking underground storage tanks, or through industrial or commercial activities.The goal of the site mitigation program is to protect the public health and the environment while facilitating completion of contaminated site clean-up projects in a timely manner.

Date of Government Version: 12/03/2018
Date Data Arrived at EDR: 06/23/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 20
Source: Santa Cruz Environmental Health Services
Telephone: 831-454-2761
Last EDR Contact: 02/09/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: Varies

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 11/29/2023
Date Data Arrived at EDR: 11/29/2023
Date Made Active in Reports: 02/27/2024
Number of Days to Update: 90
Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 03/05/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/05/2023
Date Made Active in Reports: 02/28/2024
Number of Days to Update: 85
Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/05/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing

Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 02/11/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 90

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 01/05/2024
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 02/09/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: No Update Planned

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 12/12/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)

Military privatized sites

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/05/2023
Date Made Active in Reports: 02/28/2024
Number of Days to Update: 85

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/05/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)

Projects sites

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/05/2023
Date Made Active in Reports: 02/28/2024
Number of Days to Update: 85

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/05/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing

In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 11/29/2023
Date Data Arrived at EDR: 11/29/2023
Date Made Active in Reports: 02/22/2024
Number of Days to Update: 85

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 03/05/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CIWQS: California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 11/22/2023
Date Data Arrived at EDR: 11/22/2023
Date Made Active in Reports: 02/16/2024
Number of Days to Update: 86

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 02/27/2024
Next Scheduled EDR Contact: 06/10/2024
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 10/16/2023
Date Data Arrived at EDR: 10/17/2023
Date Made Active in Reports: 01/09/2024
Number of Days to Update: 84

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 01/16/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/05/2023
Date Made Active in Reports: 02/28/2024
Number of Days to Update: 85

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/05/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/05/2023
Date Made Active in Reports: 02/28/2024
Number of Days to Update: 85

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/05/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/05/2023
Date Made Active in Reports: 02/28/2024
Number of Days to Update: 85

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/05/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)

Sampling point - public sites

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/05/2023
Date Made Active in Reports: 02/28/2024
Number of Days to Update: 85

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/05/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)

Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/05/2023
Date Made Active in Reports: 02/28/2024
Number of Days to Update: 85

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/05/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Varies

UST FINDER: UST Finder Database

EPA developed UST Finder, a web map application containing a comprehensive, state-sourced national map of underground storage tank (UST) and leaking UST (LUST) data. It provides the attributes and locations of active and closed USTs, UST facilities, and LUST sites from states and from Tribal lands and US territories . UST Finder contains information about proximity of UST facilities and LUST sites to: surface and groundwater public drinking water protection areas; estimated number of private domestic wells and number of people living nearby; and flooding and wildfires.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 10/04/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 106

Source: Environmental Protection Agency
Telephone: 202-564-0394
Last EDR Contact: 02/09/2024
Next Scheduled EDR Contact: 05/20/2024
Data Release Frequency: Varies

UST FINDER RELEASE: UST Finder Releases Database

US EPA's UST Finder data is a national composite of leaking underground storage tanks. This data contains information about, and locations of, leaking underground storage tanks. Data was collected from state sources and standardized into a national profile by EPA's Office of Underground Storage Tanks, Office of Research and Development, and the Association of State and Territorial Solid Waste Management Officials.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 10/31/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 79

Source: Environmental Protecton Agency
Telephone: 202-564-0394
Last EDR Contact: 02/09/2024
Next Scheduled EDR Contact: 05/20/2024
Data Release Frequency: Semi-Annually

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019
Date Data Arrived at EDR: 01/11/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 53

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 12/26/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks
Underground storage tank sites located in Alameda county.

Date of Government Version: 09/27/2023
Date Data Arrived at EDR: 09/28/2023
Date Made Active in Reports: 12/18/2023
Number of Days to Update: 81

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 12/26/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List
Cupa Facility List

Date of Government Version: 04/27/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 77

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 04/26/2023
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing
Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 12/26/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 09/12/2023
Date Data Arrived at EDR: 09/13/2023
Date Made Active in Reports: 12/04/2023
Number of Days to Update: 82

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 12/12/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/23/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 78

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 01/29/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 10/20/2023
Date Data Arrived at EDR: 10/24/2023
Date Made Active in Reports: 01/16/2024
Number of Days to Update: 84

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 01/22/2024
Next Scheduled EDR Contact: 05/06/2024
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 10/24/2023
Date Data Arrived at EDR: 10/25/2023
Date Made Active in Reports: 01/16/2024
Number of Days to Update: 83

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 02/05/2024
Next Scheduled EDR Contact: 05/06/2024
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/08/2022
Date Data Arrived at EDR: 08/09/2022
Date Made Active in Reports: 09/01/2022
Number of Days to Update: 23

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 01/22/2024
Next Scheduled EDR Contact: 05/06/2024
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 06/28/2021
Date Data Arrived at EDR: 12/21/2021
Date Made Active in Reports: 03/03/2022
Number of Days to Update: 72

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 12/26/2023
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/12/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 88

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 02/09/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 10/10/2023
Date Data Arrived at EDR: 10/11/2023
Date Made Active in Reports: 01/04/2024
Number of Days to Update: 85

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 02/09/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: Varies

KERN COUNTY:

CUPA KERN: CUPA Facility List
A listing of sites included in the Kern County Hazardous Material Business Plan.

Date of Government Version: 10/30/2023
Date Data Arrived at EDR: 11/01/2023
Date Made Active in Reports: 01/23/2024
Number of Days to Update: 83

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 02/12/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Varies

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 10/30/2023
Date Data Arrived at EDR: 11/01/2023
Date Made Active in Reports: 01/23/2024
Number of Days to Update: 83

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 02/12/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 12/03/2020
Date Data Arrived at EDR: 01/26/2021
Date Made Active in Reports: 04/14/2021
Number of Days to Update: 78

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 02/09/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 10/27/2023
Date Data Arrived at EDR: 11/01/2023
Date Made Active in Reports: 11/21/2023
Number of Days to Update: 20

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 01/09/2024
Next Scheduled EDR Contact: 04/22/2024
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List
Cupa facility list

Date of Government Version: 07/31/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 80

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: N/A
Telephone: N/A
Last EDR Contact: 12/05/2023
Next Scheduled EDR Contact: 03/25/2024
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 10/01/2023
Date Data Arrived at EDR: 10/06/2023
Date Made Active in Reports: 12/27/2023
Number of Days to Update: 82

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/09/2023
Date Data Arrived at EDR: 10/09/2023
Date Made Active in Reports: 12/27/2023
Number of Days to Update: 79

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 01/10/2024
Next Scheduled EDR Contact: 04/22/2024
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 01/12/2023
Date Made Active in Reports: 03/29/2023
Number of Days to Update: 76

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 01/04/2024
Next Scheduled EDR Contact: 04/22/2024
Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory
A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 12/13/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills
This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 04/13/2023
Date Data Arrived at EDR: 07/13/2023
Date Made Active in Reports: 09/27/2023
Number of Days to Update: 76

Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/22/2024
Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory
A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 12/01/2023
Date Data Arrived at EDR: 12/13/2023
Date Made Active in Reports: 12/14/2023
Number of Days to Update: 1

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 12/13/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory
A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 09/01/2023
Date Data Arrived at EDR: 09/20/2023
Date Made Active in Reports: 12/08/2023
Number of Days to Update: 79

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 12/13/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 07/11/2023
Date Data Arrived at EDR: 10/17/2023
Date Made Active in Reports: 01/09/2024
Number of Days to Update: 84

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 01/19/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 01/04/2024
Next Scheduled EDR Contact: 04/22/2024
Data Release Frequency: No Update Planned

UST LONG BEACH: City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 65

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 04/12/2023
Date Data Arrived at EDR: 05/02/2023
Date Made Active in Reports: 06/13/2023
Number of Days to Update: 42

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/10/2020
Date Data Arrived at EDR: 08/12/2020
Date Made Active in Reports: 10/23/2020
Number of Days to Update: 72

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 02/09/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 12/18/2023
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Semi-Annually

MENDOCINO COUNTY:

UST MENDOCINO: Mendocino County UST Database
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/22/2021
Date Data Arrived at EDR: 11/18/2021
Date Made Active in Reports: 11/22/2021
Number of Days to Update: 4

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 02/20/2024
Next Scheduled EDR Contact: 06/03/2024
Data Release Frequency: Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 11/15/2023
Date Data Arrived at EDR: 11/20/2023
Date Made Active in Reports: 02/15/2024
Number of Days to Update: 87

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 02/12/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 02/22/2021
Date Data Arrived at EDR: 03/02/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 78

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 02/16/2024
Next Scheduled EDR Contact: 06/03/2024
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 10/04/2021
Date Data Arrived at EDR: 10/06/2021
Date Made Active in Reports: 12/29/2021
Number of Days to Update: 84

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 01/22/2024
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 02/16/2024
Next Scheduled EDR Contact: 06/03/2024
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 09/05/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 02/16/2024
Next Scheduled EDR Contact: 06/03/2024
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 10/31/2023
Date Data Arrived at EDR: 11/03/2023
Date Made Active in Reports: 01/23/2024
Number of Days to Update: 81

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 01/22/2024
Next Scheduled EDR Contact: 05/06/2024
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 10/10/2023
Date Data Arrived at EDR: 11/01/2023
Date Made Active in Reports: 01/23/2024
Number of Days to Update: 83

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/02/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 10/10/2023
Date Data Arrived at EDR: 11/01/2023
Date Made Active in Reports: 01/23/2024
Number of Days to Update: 83

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/02/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 10/10/2023
Date Data Arrived at EDR: 11/01/2023
Date Made Active in Reports: 01/23/2024
Number of Days to Update: 83

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/02/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 11/09/2023
Date Data Arrived at EDR: 11/09/2023
Date Made Active in Reports: 11/21/2023
Number of Days to Update: 12

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 02/26/2024
Next Scheduled EDR Contact: 06/10/2024
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 09/29/2023
Date Data Arrived at EDR: 10/04/2023
Date Made Active in Reports: 12/27/2023
Number of Days to Update: 84
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/05/2023
Next Scheduled EDR Contact: 03/25/2024
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 09/29/2023
Date Data Arrived at EDR: 10/04/2023
Date Made Active in Reports: 12/27/2023
Number of Days to Update: 84
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/05/2023
Next Scheduled EDR Contact: 03/25/2024
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 11/07/2022
Date Data Arrived at EDR: 12/21/2022
Date Made Active in Reports: 03/16/2023
Number of Days to Update: 85
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 12/18/2023
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 11/07/2022
Date Data Arrived at EDR: 12/09/2022
Date Made Active in Reports: 03/01/2023
Number of Days to Update: 82
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 12/18/2023
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 01/17/2024
Date Data Arrived at EDR: 01/18/2024
Date Made Active in Reports: 01/26/2024
Number of Days to Update: 8
Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 11/08/2023
Date Data Arrived at EDR: 11/09/2023
Date Made Active in Reports: 02/07/2024
Number of Days to Update: 90

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 01/29/2024
Next Scheduled EDR Contact: 05/12/2024
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 11/27/2023
Date Data Arrived at EDR: 11/27/2023
Date Made Active in Reports: 02/16/2024
Number of Days to Update: 81

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 02/27/2024
Next Scheduled EDR Contact: 06/10/2024
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 04/04/2023
Date Data Arrived at EDR: 04/05/2023
Date Made Active in Reports: 06/27/2023
Number of Days to Update: 83

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/22/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 86

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 02/23/2024
Next Scheduled EDR Contact: 06/10/2024
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 10/30/2023
Date Data Arrived at EDR: 11/01/2023
Date Made Active in Reports: 01/23/2024
Number of Days to Update: 83

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 01/29/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Varies

LUST SAN FRANCISCO: Local Oversite Facilities
A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 01/29/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 10/30/2023
Date Data Arrived at EDR: 11/01/2023
Date Made Active in Reports: 01/23/2024
Number of Days to Update: 83

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 01/29/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Quarterly

SAN FRANCISO COUNTY:

SAN FRANCISCO MAHER: Maher Ordinance Property Listing
a listing of properties that fall within a Maher Ordinance, for all of San Francisco

Date of Government Version: 10/15/2023
Date Data Arrived at EDR: 10/17/2023
Date Made Active in Reports: 01/11/2024
Number of Days to Update: 86

Source: San Francisco Planning
Telephone: 628-652-7483
Last EDR Contact: 01/18/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 12/05/2023
Next Scheduled EDR Contact: 03/25/2024
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 11/08/2023
Date Data Arrived at EDR: 11/09/2023
Date Made Active in Reports: 02/07/2024
Number of Days to Update: 90

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 02/12/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 02/20/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/07/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 03/01/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28
Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 02/09/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 11/07/2023
Date Data Arrived at EDR: 11/08/2023
Date Made Active in Reports: 11/16/2023
Number of Days to Update: 8
Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 02/12/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22
Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LUST SANTA CLARA: LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13
Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 02/16/2024
Next Scheduled EDR Contact: 06/03/2024
Data Release Frequency: No Update Planned

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 02/09/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 02/09/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 08/13/2019
Number of Days to Update: 68

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 02/23/2024
Next Scheduled EDR Contact: 06/10/2024
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 09/15/2021
Date Data Arrived at EDR: 09/16/2021
Date Made Active in Reports: 12/09/2021
Number of Days to Update: 84

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 02/23/2024
Next Scheduled EDR Contact: 06/10/2024
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 07/02/2021
Date Data Arrived at EDR: 07/06/2021
Date Made Active in Reports: 07/14/2021
Number of Days to Update: 8

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 12/12/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 06/30/2021
Date Made Active in Reports: 09/24/2021
Number of Days to Update: 86

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 12/12/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 02/08/2022
Date Data Arrived at EDR: 02/10/2022
Date Made Active in Reports: 05/04/2022
Number of Days to Update: 83

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 01/04/2024
Next Scheduled EDR Contact: 04/22/2024
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 08/03/2023
Date Data Arrived at EDR: 08/24/2023
Date Made Active in Reports: 09/12/2023
Number of Days to Update: 19

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 02/26/2024
Next Scheduled EDR Contact: 06/10/2024
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 12/05/2023
Date Data Arrived at EDR: 02/01/2024
Date Made Active in Reports: 02/28/2024
Number of Days to Update: 27

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 01/29/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 10/10/2023
Date Data Arrived at EDR: 10/11/2023
Date Made Active in Reports: 01/04/2024
Number of Days to Update: 85

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 10/07/2022
Date Data Arrived at EDR: 10/07/2022
Date Made Active in Reports: 12/21/2022
Number of Days to Update: 75

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 01/29/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 09/26/2023
Date Data Arrived at EDR: 10/20/2023
Date Made Active in Reports: 01/11/2024
Number of Days to Update: 83

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 01/16/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/18/2023
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: No Update Planned

LUST VENTURA: Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 02/02/2024
Next Scheduled EDR Contact: 05/20/2024
Data Release Frequency: No Update Planned

MED WASTE VENTURA: Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 09/26/2023
Date Data Arrived at EDR: 10/24/2023
Date Made Active in Reports: 01/11/2024
Number of Days to Update: 79

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 01/16/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 11/28/2023
Date Data Arrived at EDR: 11/29/2023
Date Made Active in Reports: 02/26/2024
Number of Days to Update: 89

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/05/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 09/21/2023
Date Data Arrived at EDR: 10/04/2023
Date Made Active in Reports: 12/27/2023
Number of Days to Update: 84

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 12/18/2023
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 10/30/2023
Date Data Arrived at EDR: 11/03/2023
Date Made Active in Reports: 01/23/2024
Number of Days to Update: 81

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 01/22/2024
Next Scheduled EDR Contact: 05/06/2024
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 11/06/2023
Date Data Arrived at EDR: 11/07/2023
Date Made Active in Reports: 01/31/2024
Number of Days to Update: 85

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 02/06/2024
Next Scheduled EDR Contact: 05/20/2024
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 12/27/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 11/30/2023
Date Made Active in Reports: 12/01/2023
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 01/26/2024
Next Scheduled EDR Contact: 05/06/2024
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/05/2024
Next Scheduled EDR Contact: 04/22/2024
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/18/2022
Number of Days to Update: 80

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/12/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/01/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.
Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

STREET AND ADDRESS INFORMATION

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Appendix D:

SITE DOCUMENTATION AND REGULATORY RECORDS

Pahrump Valley Groundwater Basin

- Groundwater Basin Number: 6-28
- County: Inyo
- Surface Area: 93,100 acres (145 square miles)

Basin Boundaries and Hydrology

The Pahrump Valley Groundwater Basin underlies a northwest-trending valley in southeastern Inyo County. Elevation of the valley floor above mean sea level ranges from 2,457 feet at Stewart (dry) Lake to about 3,000 feet in the southwestern part of the basin. The basin is bounded by nonwater-bearing rocks of the Resting Springs and Nopah Ranges on the west and northwest, and by the Kingston Range on the south. Although a substantial portion of the physical groundwater basin extends into Nevada, the California-Nevada state line is the northeastern boundary of the basin for this report. The bordering mountains within California range in elevation from about 6,400 in the Nopah Range and about 7,300 feet in the Kingston Range. The Spring Mountains of Nevada reach 11,910 feet above mean sea level and provide the principal source of recharge to the basin. Stewart Lake, located in the northwest part of the valley, is about 6 square miles, and Pahrump (dry) Lake, located in the central part of the valley, is about 10 square miles (Waring 1920; DWR 1964).

Average annual precipitation ranges from about 4 to 6 inches. Surface runoff drains towards Stewart Lake or into Nevada towards Pahrump Lake (Jennings 1958, 1961, 1962; USGS 1984a, 1984b, 1984c, 1984d).

Hydrogeologic Information

Water Bearing Formations

Quaternary alluvium, which forms the primary water-bearing unit within the basin, includes unconsolidated younger alluvial fan material underlain by semi-consolidated, older alluvium. Maximum thickness of the alluvium is at least 800 feet (DWR 1964).

Recharge and Discharge Areas

Recharge to the basin is derived from the percolation of runoff through alluvial deposits at the base of the bordering mountains, and from the infiltration of precipitation that falls to the valley floor. Groundwater in the alluvium moves towards either Stewart Lake or into Nevada towards Pahrump Lake. Groundwater is confined near the margins of the dry lakes and along the base of the alluvial deposits originating from the Spring Mountains in the Nevada portion of the basin. Groundwater discharge from the alluvial aquifer occurs mainly through pumpage and spring discharge, or by evapotranspiration (Waring 1920; DWR 1964). Hunt and others (1966) have suggested that some discharge from the basin occurs as inter-basin underflow by way of a deep regional carbonate rock aquifer system that transfers groundwater into the lower lying Amargosa and Death Valley Groundwater Basins.

Groundwater Level Trends

The record of groundwater levels within the California portion of the basin intermittently spans a period from 1952 through 1984. In the southern part of the basin, records show that groundwater levels declined by nearly 60 feet at one well during 1952 through 1975, although at another well, water levels declined by 0.6 foot from 1956 through 1972. Along the southeast margin of the basin, water levels declined in one well by about 2.3 feet during 1959 through 1977, and by about 5.1 feet at another well during 1959 through 1984. Depth to water ranged from about 98 to 123 feet below the surface. Near Stewart Lake in the northern portion of the basin, water levels declined by about 2.7 feet at one location during 1960 through 1976, and by about 2.1 feet at another location during 1976 through 1984. Depth to water ranged between about 20 to 40 feet below the surface. Near Pahrump Lake in the central part of the basin, records indicate water levels remained relatively unchanged from 1959 through 1976, water levels remained about 55 feet below the surface.

Groundwater Storage

Groundwater Storage Capacity. The total storage capacity is estimated at about 690,000 af (DWR 1975).

Groundwater in Storage. Unknown.

Groundwater Budget (C)

Groundwater budget information is not available.

Groundwater Quality

Characterization. The character of the groundwater varies from calcium-magnesium bicarbonate to magnesium-calcium bicarbonate. The quality of the groundwater is suitable for all beneficial uses. TDS concentrations range from about 145 to 540 mg/L, with an average concentration of about 340 mg/L. Fluoride content ranges from 0.1 to 0.8 mg/L and averages about 0.4 mg/L. Boron content averages about 0.1 mg/L.

Well Production Characteristics

	Well yields (gal/min)	
Municipal/Irrigation	Range: 150–300	Average: 150 (DWR 1975)
	Total depths (ft)	
Domestic		
Municipal/Irrigation		

Active Monitoring Data

Agency	Parameter	Number of wells /measurement frequency
	Groundwater levels	
	Miscellaneous water quality	
Department of Health Services and cooperators	Title 22 water quality	

Basin Management

Groundwater management:

Water agencies

Public

Private

References Cited

California Department of Water Resources (DWR). 1964. *Ground Water Occurrence and Quality Lahontan Region.* Bulletin No.106-1. 439 p.

_____. 1975. *California's Ground Water*. Bulletin No. 118. 135 p.

Hunt, C.B. , T.W. Robinson, W.A. Bowles, and A.L. Washburn. 1966. *Hydrologic Basin Death Valley California.* U.S. Geological Survey Professional Paper 494 – B. 137 p.

Jennings, C. W., 1958. *Geologic Map of California: Death Valley Sheet*. Olaf P. Jenkins Edition. California Department of Conservation, Division of Mines and Geology. Scale 1: 250,000.

Jennings, C. W., 1961. *Geologic Map of California: Kingman Sheet*. Olaf P. Jenkins Edition. California Department of Conservation, Division of Mines and Geology. Scale 1: 250,000.

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U.S. Geological Survey. 1984a. *Nopah Peak, California-Nevada*. 7.5' Quadrangle. Provisional Edition. Scale 1: 24,000.

U.S. Geological Survey. 1984b. *Mound Spring, Nevada-California*. 7.5' Quadrangle. Provisional Edition. Scale 1: 24,000.

U. S. Geological Survey. 1984c. *Sixmile Spring, Nevada-California*. 7.5' Quadrangle. Provisional Edition. Scale 1: 24,000.

U.S. Geological Survey. 1984d. *Stewart Valley, California-Nevada*. 7.5' Quadrangle. Provisional Edition. Scale 1: 24,000.

Waring, G. A. 1920. Ground Water in Pahrump, Mesquite, and Ivanpah Valleys Nevada and California. Water–Supply Paper 450-C. pp. 51-85.

Errata

Substantive changes made to the basin description will be noted here.

U.S. Fish and Wildlife Service
National Wetlands Inventory

Bonanza Peak



March 26, 2024

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

U.S. Fish and Wildlife Service
National Wetlands Inventory

Bonanza Peak - North



March 26, 2024

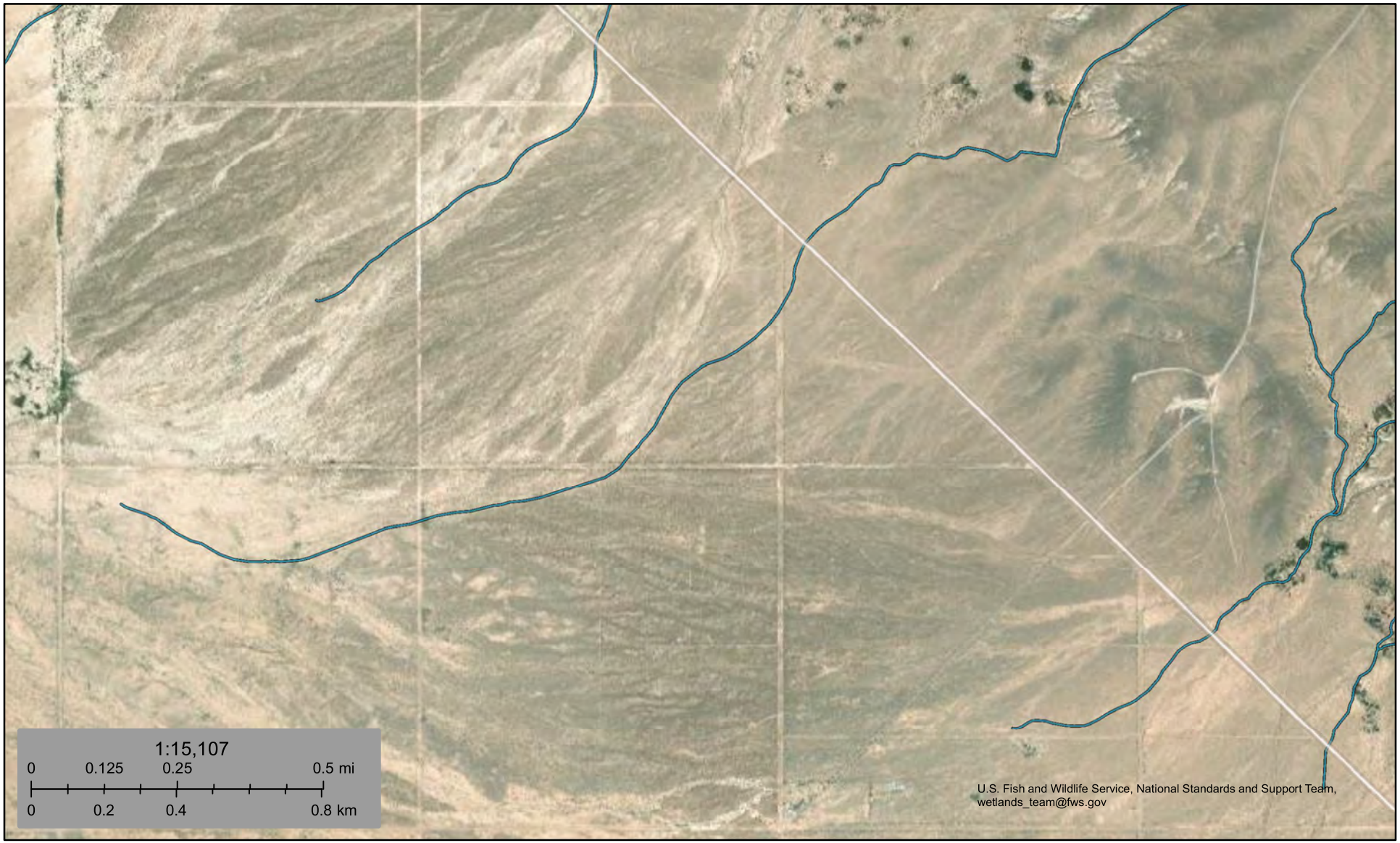
Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
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U.S. Fish and Wildlife Service
National Wetlands Inventory

Bonanza Peak - South



March 26, 2024

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

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NGS Information Services
NOAA, N/NGS12
National Geodetic Survey
SSMC-3, #9202
1315 East-West Highway
Silver Spring, Maryland 20910-3282
(301) 713-3242

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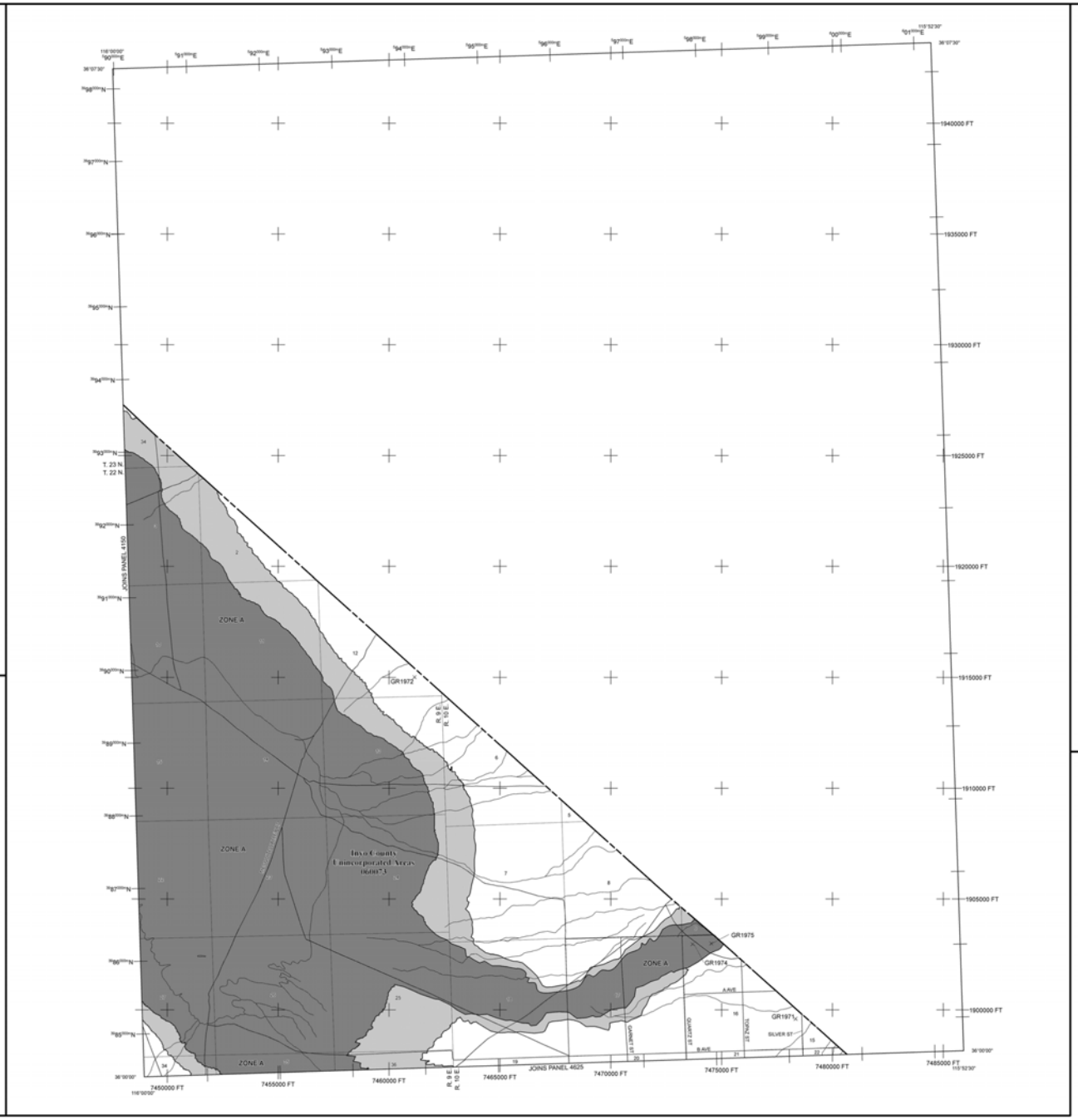
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LEGEND

SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

- **ZONE A** No Base Flood Elevations determined.
- **ZONE AE** Base Flood Elevations determined.
- **ZONE AH** Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.
- **ZONE AO** Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
- **ZONE AR** Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
- **ZONE A99** Areas to be protected from 1% annual chance flood event by a Federal flood protection system under construction; no Base Flood Elevations determined.
- **ZONE V** Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.
- **ZONE VE** Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

- **ZONE X** Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

- **ZONE X** Areas determined to be outside the 0.2% annual chance floodplain.
- **ZONE D** Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

- Floodplain boundary
- Floodway boundary
- Zone D boundary
- CBRS and OPA boundary
- Boundary dividing Special Flood Hazard Area Zones and boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths, or flood velocities
- 513 Base Flood Elevation line and value; elevation in feet*
- (EL 987) Base Flood Elevation value where uniform within zone; elevation in feet*

* Referenced to the North American Vertical Datum of 1988

- (A)—(A) Cross section line
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- 4275000mE 1000-meter Universal Transverse Mercator grid ticks, zone 11
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MAP REPOSITORIES
Refer to Map Repositories List on Map Index

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP
August 16, 2011

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

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MAP SCALE 1" = 2000'

1,000 0 1,000 2,000 3,000 4,000 FEET
300 0 600 1,200 METERS

NFIP
NATIONAL FLOOD INSURANCE PROGRAM

PANEL 4175D

FIRM
FLOOD INSURANCE RATE MAP
INYO COUNTY, CALIFORNIA AND INCORPORATED AREAS

PANEL 4175 OF 5175
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
INYO COUNTY, UNINCORPORATED AREAS	065073	4175	D

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
06027C4175D

EFFECTIVE DATE
AUGUST 16, 2011

Federal Emergency Management Agency

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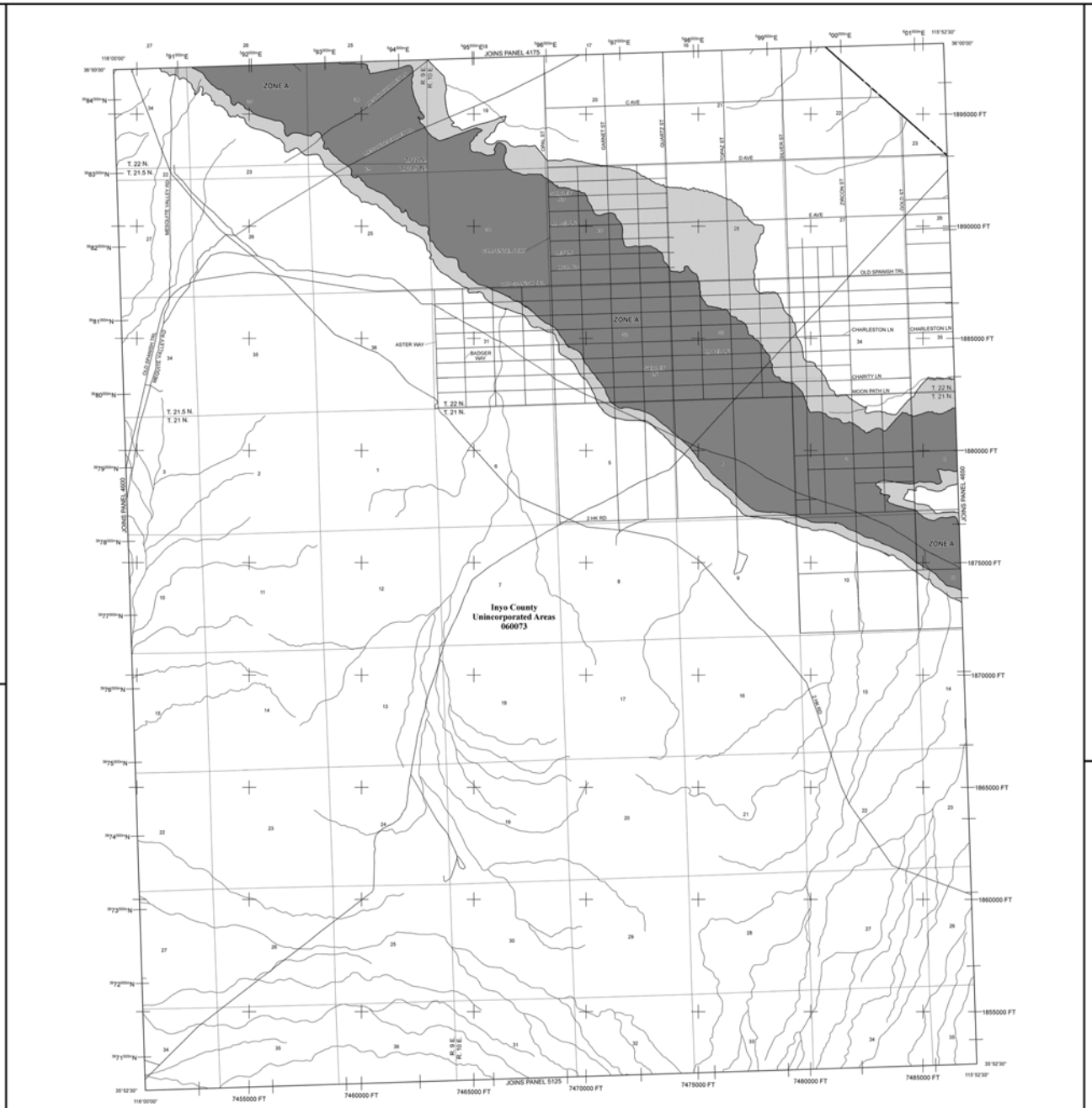
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August 16, 2011

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1,000 0 1,000 2,000 3,000 4,000 FEET
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NFIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 4625D

FIRM

FLOOD INSURANCE RATE MAP

INYO COUNTY, CALIFORNIA AND INCORPORATED AREAS

PANEL 4625 OF 5175

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
INYO COUNTY, UNINCORPORATED AREAS	060073	4625	D

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MAP NUMBER
06027C4625D

EFFECTIVE DATE
AUGUST 16, 2011

Federal Emergency Management Agency

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Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations referenced to the same **vertical datum**. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at http://www.ngs.noaa.gov/ or contact the National Geodetic Survey at the following address:

NGS Information Services
NOAA, N/NGS12
National Geodetic Survey
SSMC-3, #9202
1315 East-West Highway
Silver Spring, Maryland 20910-3282
(301) 713-3242

To obtain current elevation, description, and/or location information for **bench marks** shown on this map, please contact the Information Services Branch of the National Geodetic Survey at **(301) 713-3242** or visit its website at http://www.ngs.noaa.gov/.

Base map information shown on this FIRM was provided in digital format by the Inyo County Water Department, The City of Bishop, United States Geological Survey, the Bureau of Land Management, the United States Department of Agriculture, the National Geodetic Survey, and the United States Census Bureau.

This map reflects more detailed and up-to-date **stream channel configurations** than those shown on the previous FIRM for this jurisdiction. The floodplains and floodways that were transferred from the previous FIRM may have been adjusted to conform to these new stream channel configurations. As a result, the Flood Profiles and Floodway Data tables in the Flood Insurance Study report (which contains authoritative hydraulic data) may reflect stream channel distances that differ from what is shown on this map.

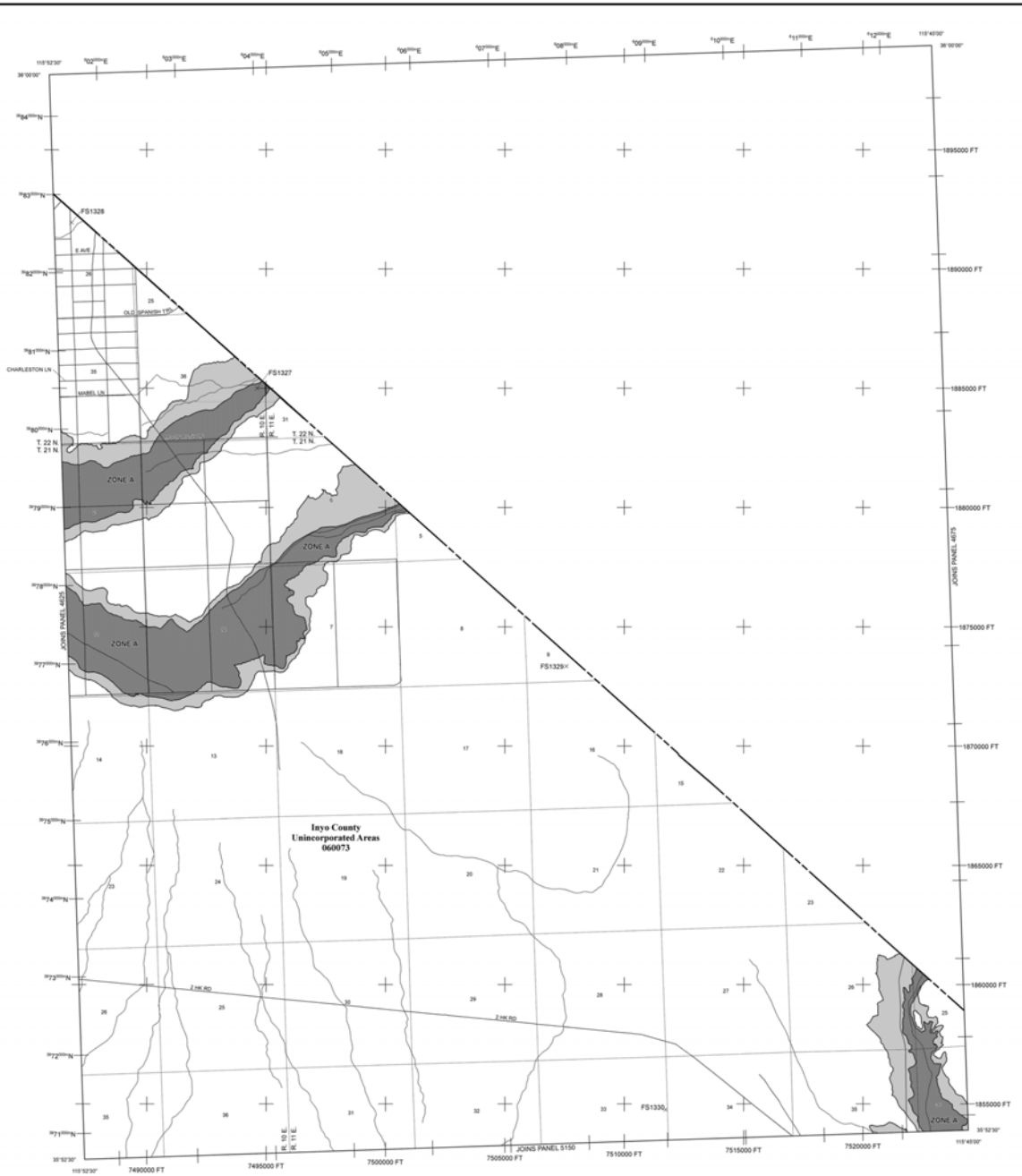
Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after this map was published, map users should contact appropriate community officials to verify current corporate limit locations.

Please refer to the separately printed **Map Index** for an overview map of the county showing the layout of map panels, community map repository addresses; and a Listing of Communities table containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is located.

Contact the **FEMA Map Service Center** at 1-877-FEMA MAP (1-877-336-2627) for information on available products associated with this FIRM. Available products may include previously issued Letters of Map Change, a Flood Insurance Study report, and/or digital versions of this map. The FEMA Map Service Center may also be reached by Fax at 1-800-358-9620 and its website at http://msc.fema.gov/.

If you have **questions about this map** or questions concerning the National Flood Insurance Program in general, please call **1-877-FEMA MAP** (1-877-336-2627) or visit the FEMA website at http://www.fema.gov/business/nfip/.

The **"profile base lines"** depicted on this map represent the hydraulic modeling baselines that match the flood profiles in the FIS report. As a result of improved topographic data, the "profile base line", in some cases, may deviate significantly from the channel centerline or appear outside the SFHA.



LEGEND

SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, ARR, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

- **ZONE A** No Base Flood Elevations determined.
- **ZONE AE** Base Flood Elevations determined.
- **ZONE AH** Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.
- **ZONE AO** Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
- **ZONE AR** Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
- **ZONE A99** Areas to be protected from 1% annual chance flood event by a Federal flood protection system under construction; no Base Flood Elevations determined.
- **ZONE V** Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.
- **ZONE VE** Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

- **ZONE X** Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

- **ZONE X** Areas determined to be outside the 0.2% annual chance floodplain.
- **ZONE D** Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

- Floodplain boundary
- Floodway boundary
- Zone D boundary
- CBRS and OPA boundary
- Boundary dividing Special Flood Hazard Area Zones and boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths, or flood velocities
- 513 — Base Flood Elevation line and value; elevation in feet*
- (EL 987) — Base Flood Elevation value where uniform within zone; elevation in feet*

* Referenced to the North American Vertical Datum of 1988

- A — A — Cross section line
- 23 — 23 — Transect line
- 97°07'30", 32°22'30" — Geographic coordinates referenced to the North American Datum of 1983 (NAD 83), Western Hemisphere
- 4275000mE — 1000-meter Universal Transverse Mercator grid ticks, zone 11
- 6000000 FT — 5000-foot grid values: California State Plane coordinate system, Zone IV (FIPSZONE = 0404), Lambert projection
- DX5510 — Bench mark (see explanation in Notes to Users section of this FIRM panel)
- M1.5 — River Mile

MAP REPOSITORIES
Refer to Map Repositories List on Map Index

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP
August 16, 2011

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6620.

MAP SCALE 1" = 2000'

1,000 0 1,000 2,000 3,000 4,000 FEET
500 0 600 1,000 METERS

NFIP
NATIONAL FLOOD INSURANCE PROGRAM

PANEL 4650D

FIRM

FLOOD INSURANCE RATE MAP

INYO COUNTY, CALIFORNIA AND INCORPORATED AREAS

PANEL 4650 OF 5175

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
INYO COUNTY, UNINCORPORATED AREAS	060073	4650	D

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
06027C4650D

EFFECTIVE DATE
AUGUST 16, 2011

Federal Emergency Management Agency

CALIFORNIA PARCELS

Inyo County

Section 15	Section 16	Section 20	Section 21	Section 22	Section 23	Section 25	Section 26	Section 26	Section 27	Section 28
048-110-02	048-600-01	048-620-01	048-640-01	048-660-01	048-660-05	048-120-02	048-501-03	048-502-06	048-680-01	048-700-01
	048-600-02	048-620-02	048-640-02	048-660-02	048-670-13		048-501-04	048-502-07	048-680-02	048-700-02
	048-600-03	048-620-03	048-640-03	048-660-03	048-670-07		048-501-05	048-502-08	048-680-03	048-700-03
	048-600-04	048-620-04	048-640-04	048-660-04	048-670-08		048-501-06	048-502-09	048-680-04	048-700-04
	048-600-05	048-620-05	048-640-05	048-660-05	048-670-09		048-501-07	048-502-10	048-680-05	048-700-05
	048-610-01	048-620-06	048-640-06	048-670-01	048-670-10		048-501-08	048-502-11	048-680-06	048-700-06
	048-610-02	048-620-07	048-640-07	048-670-02	048-120-10		048-501-09	048-502-12	048-680-07	048-700-07
	048-610-03	048-620-08	048-640-08	048-670-03			048-501-10	048-502-13	048-680-08	048-700-08
	048-610-04	048-620-09	048-640-09	048-670-04			048-501-11	048-502-14	048-680-09	048-700-09
	048-610-05	048-620-10	048-640-10	048-670-05			048-501-12	048-502-15	048-680-10	048-700-10
	048-610-06	048-620-11	048-640-11	048-670-06			048-501-13	048-502-16	048-680-11	048-700-11
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	048-610-12	048-630-01	048-650-01				048-501-19	048-503-08	048-690-01	048-710-01
	048-610-13	048-630-02	048-650-02				048-501-20	048-503-09	048-690-02	048-710-02
		048-630-03	048-650-03				048-501-21	048-503-12	048-690-03	048-710-03
		048-630-04	048-650-04				048-501-22	048-503-13	048-690-04	048-710-04
		048-630-05	048-650-05				048-501-23	048-503-14	048-690-05	048-710-05
		048-630-06	048-650-06				048-501-24	048-513-01	048-690-06	048-710-06
		048-630-07	048-650-07				048-501-25	048-513-02	048-690-07	048-710-07
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		048-630-09	048-650-09				048-501-27			
		048-630-10	048-650-10				048-501-28			
		048-630-11	048-650-11				048-501-29			
		048-630-12	048-650-12				048-502-01			
		048-630-13	048-650-13				048-502-02			
		048-630-14	048-650-14				048-502-03			
		048-630-15	048-650-15				048-502-04			
		048-630-16	048-650-16				048-502-05			
1	18	32	32	14	7	1	32	24	23	24
									California Total	208

NEVADA PARCELS

	Nye County	**Clark County**
	047-131-01	17100001004
	047-131-04	17100001005
	047-131-05	17100001012
		17100001017
		17100001018
		17100002003
	3	6
		Nevada Total 9

Parcel Total
217

*The free Adobe Reader may be used to view and complete this form. However, software must be purchased to complete, save, and reuse a saved form.

File Original with DWR 22N10E28R

State of California

Well Completion Report

Refer to Instruction Pamphlet

No. e0150291

Page 1 of 1

Owner's Well Number MW-2

Date Work Began 02/08/2012 Date Work Ended 2/9/2012

Local Permit Agency Inyo County Environmental Health Services

Permit Number 512-04W Permit Date 2/2/12

DWR Use Only – Do Not Fill In

State Well Number/Site Number

Latitude N Longitude W

APN/TRS/Other

Geologic Log

Orientation ◉ Vertical ○ Horizontal ○ Angle Specify

Drilling Method Air Drilling Drilling Fluid

Depth from Surface Feet	to Feet	Description Describe material, grain size, color, etc
		See attached log
		L12059.01

Total Depth of Boring 200 Feet

Total Depth of Completed Well 200 Feet

Well Owner

Well Location

Address 72 Old Spanish Trail PMP

City Tecopa County Inyo

Latitude ~~35~~ Deg. ~~50~~ Min. ~~53~~ Sec. N Longitude ~~116~~ Deg. ~~13~~ Min. ~~35~~ Sec. W

Datum Decimal Lat. Decimal Long.

APN Book Page Parcel

Township Range Section

Location Sketch

(Sketch must be drawn by hand after form is printed.)

North

West

East

South

See attached map

Illustrate or describe distance of well from roads, buildings, fences, rivers, etc. and attach a map. Use additional paper if necessary. Please be accurate and complete.

Activity

◉ New Well
○ Modification/Repair
○ Deepen
○ Other
○ Destroy
Describe procedures and materials under "GEOLOGIC LOG"

Planned Uses

○ Water Supply
☐ Domestic ☐ Public
☐ Irrigation ☐ Industrial
○ Cathodic Protection
○ Dewatering
○ Heat Exchange
○ Injection
◉ Monitoring
○ Remediation
○ Sparging
○ Test Well
○ Vapor Extraction
○ Other

Water Level and Yield of Completed Well

Depth to first water (Feet below surface)

Depth to Static Water Level (Feet) Date Measured

Estimated Yield * (GPM) Test Type

Test Length (Hours) Total Drawdown (Feet)

*May not be representative of a well's long term yield.

Casings

Depth from Surface Feet	to Feet	Borehole Diameter (Inches)	Type	Material	Wall Thickness (Inches)	Outside Diameter (Inches)	Screen Type	Slot Size If Any (Inches)
0	100	8	Blank			2		
100	200	8	Screen	PVC Sch. 80		2		0.020

Annular Material

Depth from Surface Feet	to Feet	Fill	Description
200	97	Filter Pack	#3 Sabd
97	92	Bentonite	Seal
92	0	Bentonite	Grout

Attachments

☑ Geologic Log
☑ Well Construction Diagram
☐ Geophysical Log(s)
☐ Soil/Water Chemical Analyses
☑ Other Site Map - Permit

Attach additional information, if it exists.

Certification Statement

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief

Name Cascade Drilling L.P.
Person, Firm or Corporation

555 S. Harbor Blvd Address — La Habra City — CA State — 90631 Zip

Signed C-57 Licensed Water Well Contractor — 4/19/2012 Date Signed — 938110 C-57 License Number

DWR 188 REV. 1/2006

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

RECEIVED

APR 25 2012

e0150291

Monitoring Well- MW-2

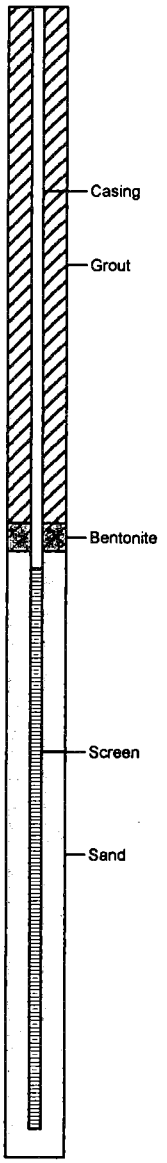
(Page 1 of 1)

Well Installation	: February 8, 2012 to : February 9, 2012
Location	: ~50 ft S of Orchard Well

Total Depth	: 205 ft bgs
Surface Elevation	: ~795 ft amsl
Well Casing Diameter	: 2 in.
Screen Length	: 100 feet
Screen Slot Size	: 0.020 in.
Screen Depth	: 100 to 200 ft bgs
Drilling Company	: Cascade Drilling
Drilling Method	: Air Hammer

Cement Grout	: Surface to 92 ft bgs
Bentonite Seal	: 92 to 97 ft bgs
#3 Sand Filter Pack	: 97 ft bgs to 200 ft bgs

Depth in Feet	Sample	GRAPHIC	USCS	DESCRIPTION
0 – 80			ML	Sandy SILT w/ trace gravel, 2.5Y 8/2 (pale yellow), very fine sand
160 – 180			CL	sandy CLAY with trace gravel, 2.5Y 7/2 (light gray)
180 – 205			ML	sandy SILT w/ trace gravel, 2.5Y 7/2 (light gray)



BrightSource Energy
Hidden Hills
Monitoring Well Log and Construction Diagram

Cardno ENTRIX

03-08-2012 C:\Documents and Settings\OConnor\Desktop\Project Work\BrightSource\Well Logs\MW-2.bor

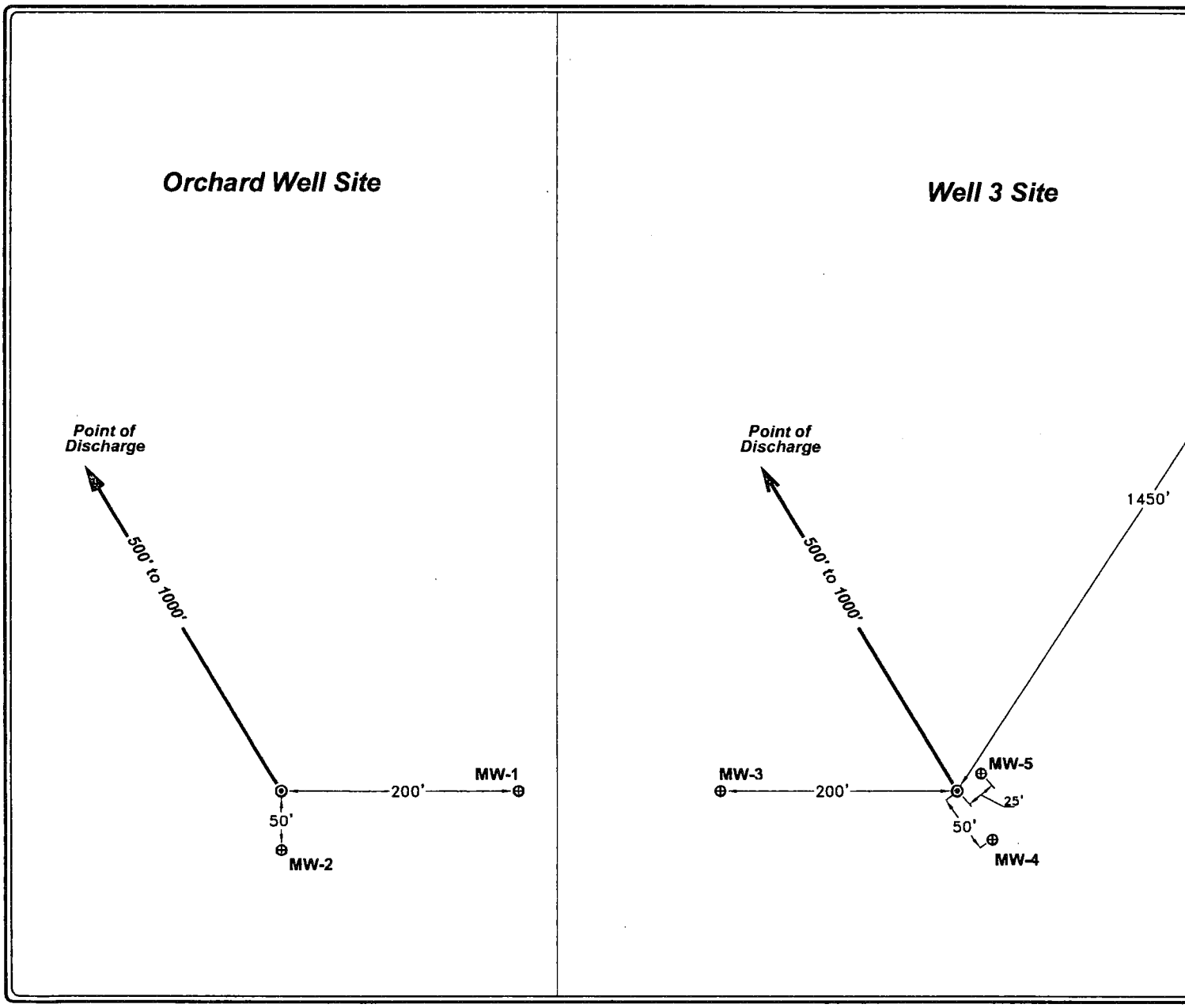
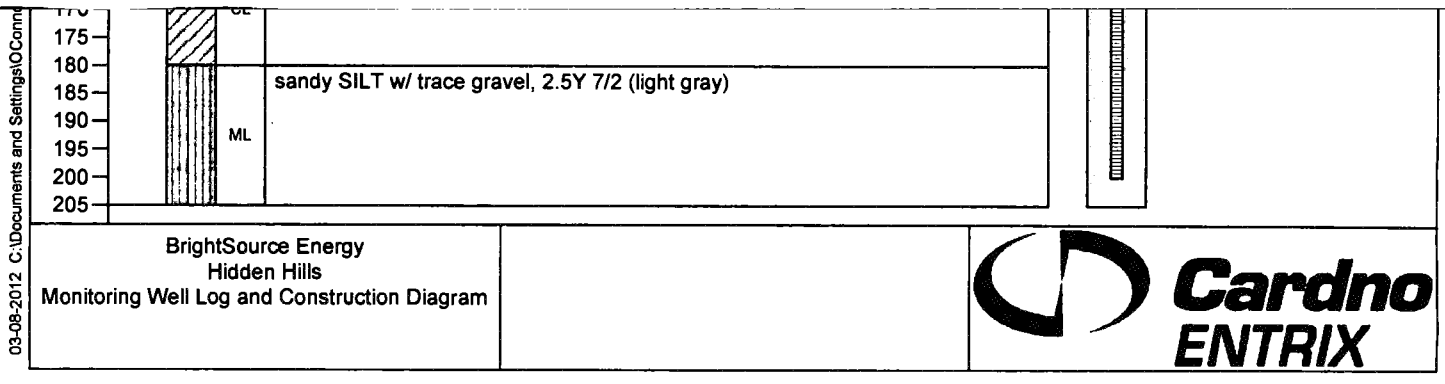


FIGURE 1-2. PROPOSED APT MONITOR WELL LOCATIONS.



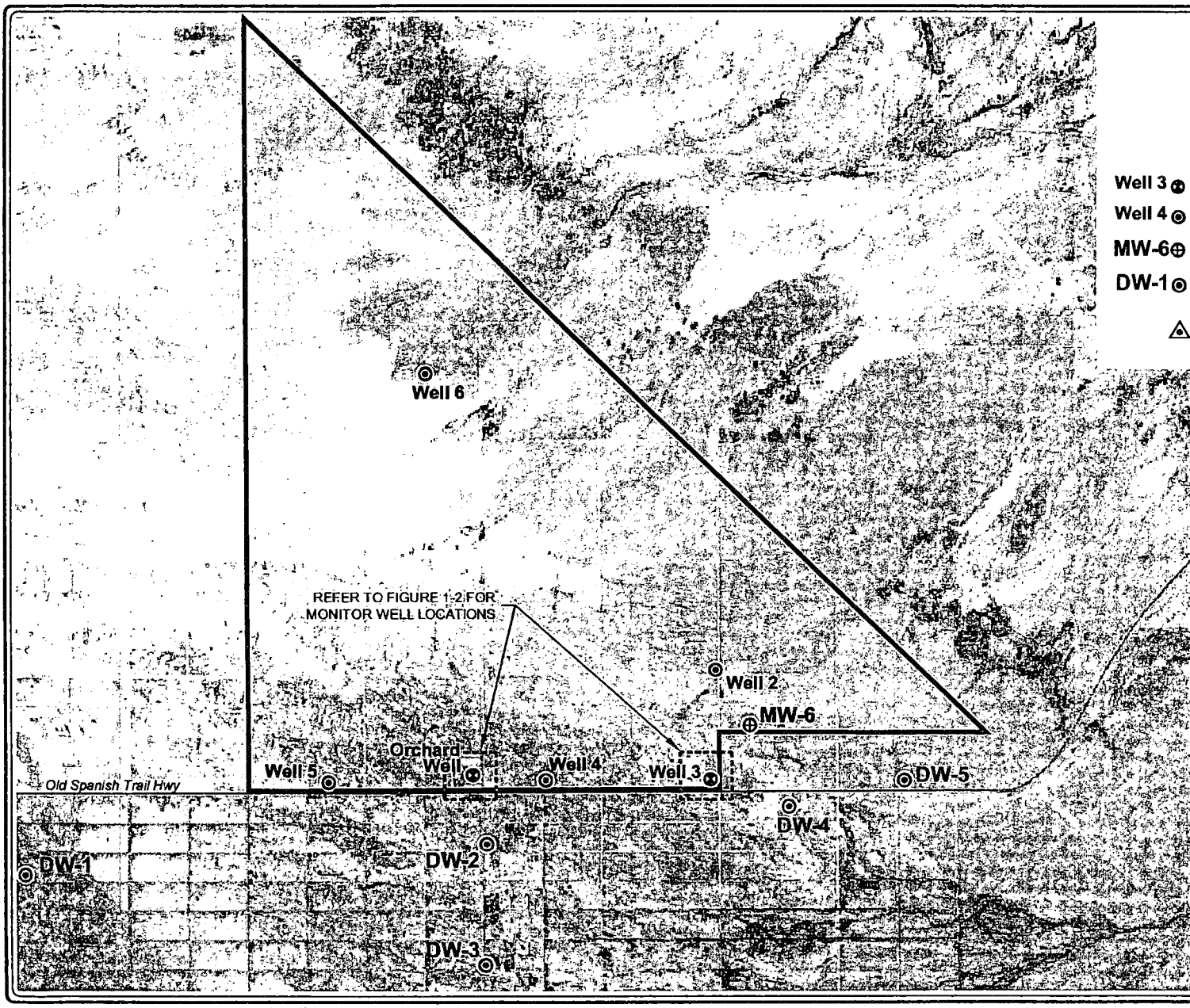
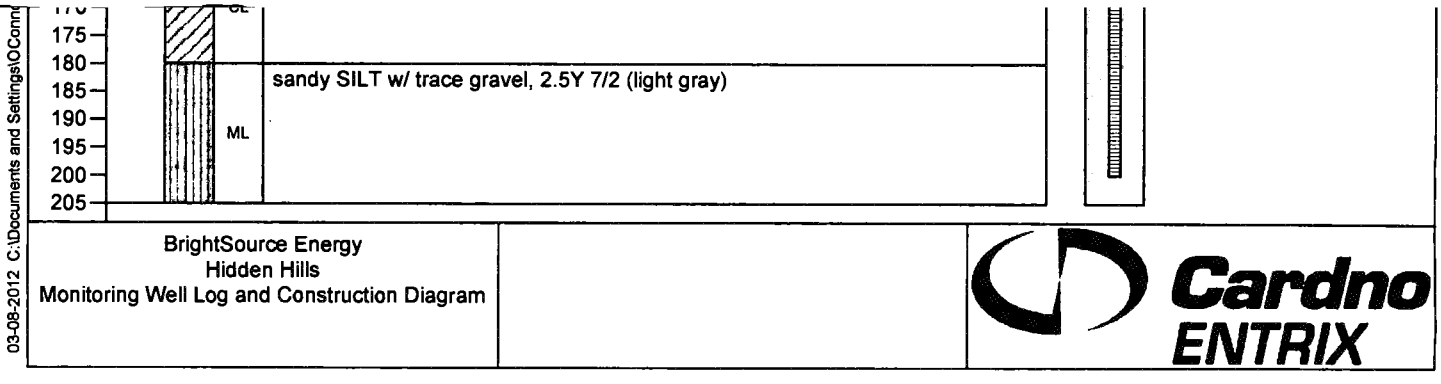
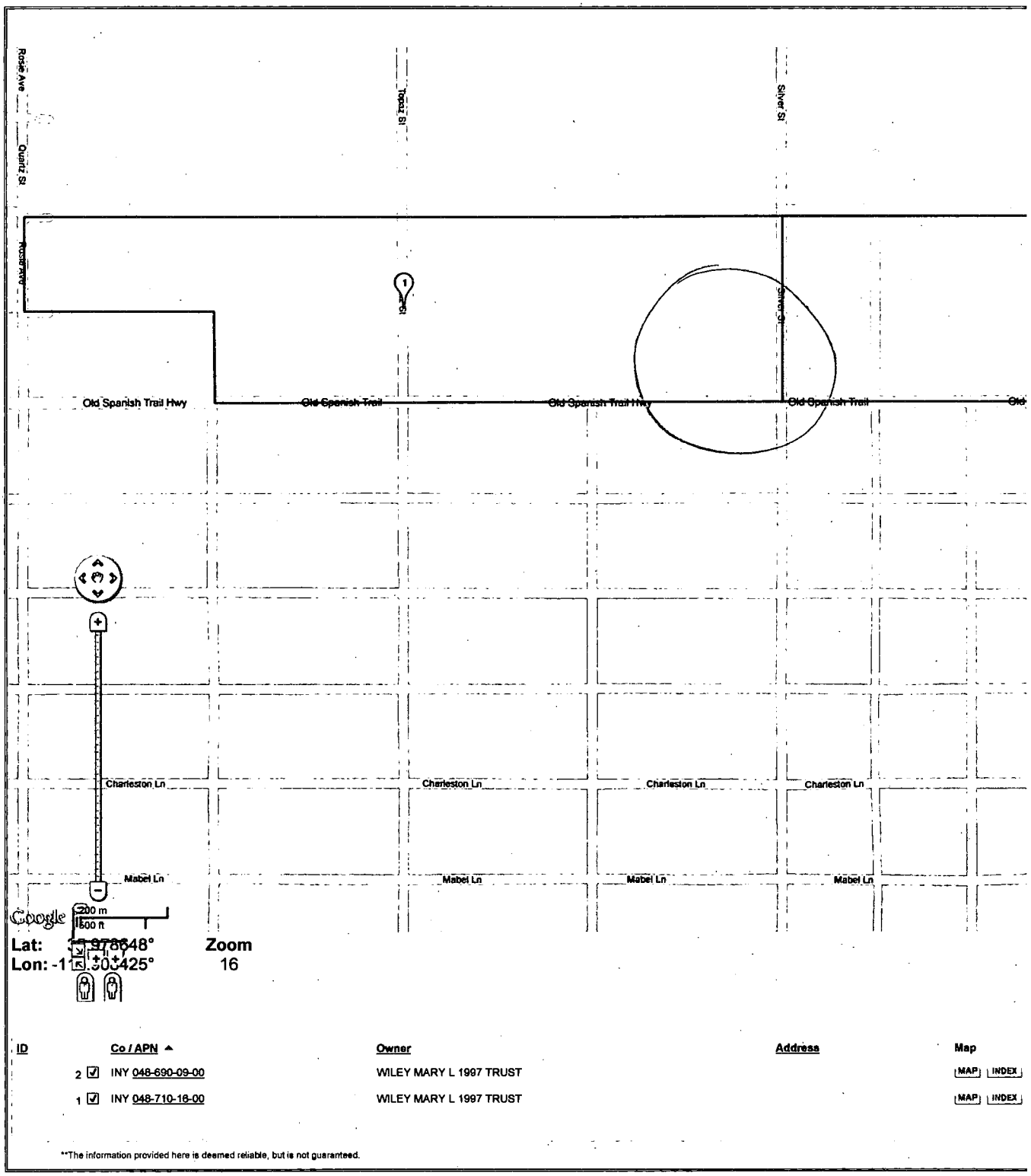


FIGURE 1-1. MAP SHOWING AQUIFER PERFORMANCE TEST WELLS AND ADJACENT MONITOR WELLS.



e0150291



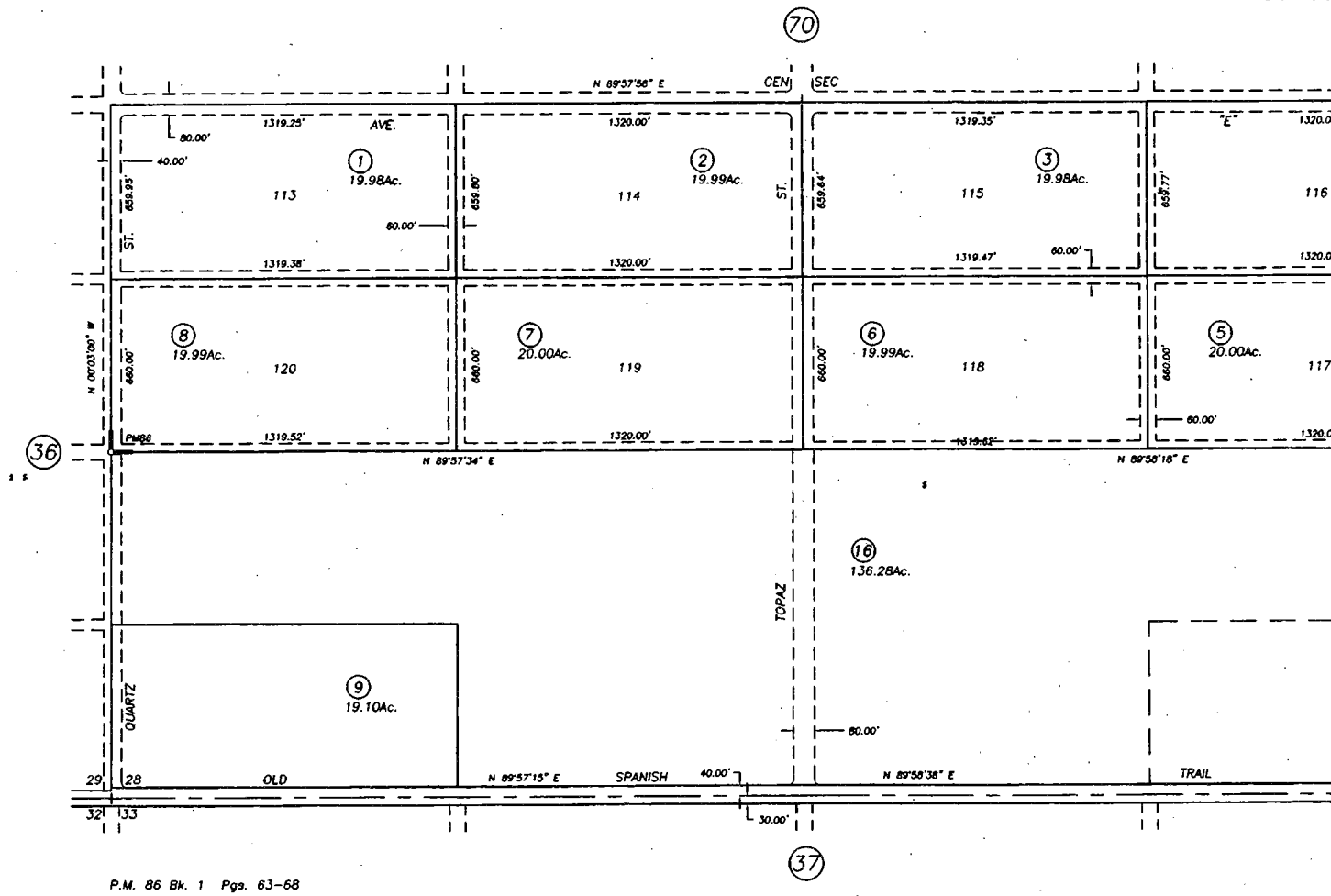
ID	Co / APN ▲	Owner	Address	Map
2 ☑	INY 048-690-09-00	WILEY MARY L 1997 TRUST		MAP INDEX
1 ☑	INY 048-710-16-00	WILEY MARY L 1997 TRUST		MAP INDEX

**The information provided here is deemed reliable, but is not guaranteed.

County Name: Inyo, CA APN: 048-710-16-00

S1/2 SEC. 28 T.22N., R.10E., S.B.B. & M.

TAX RATE A
56-00



P.M. 86 Bk. 1 Pgs. 63-68

NOTE: 1. THIS DOCUMENT WAS PREPARED FOR ASSESSMENT PURPOSES ONLY.
2. NO LIABILITY IS ASSUMED FOR THE ACCURACY OF THE DATA SHOWN.
3. ASSESSOR'S PARCELS MAY NOT COMPLY WITH LOCAL LOT-SPLIT OR BUILDING SITE ORDINANCES.

Asse

Copyright (C) 2007-2008

**The information provided here is deemed reliable, but is not guaranteed.

ORIGINAL
File with DWR

Page ___ of ___

Owner's Well No. ___

Date Work Began 04/26/04, Ended 5/20/04

Local Permit Agency INYO COUNTY

Permit No. ___ Permit Date 03/22/04

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet
No. 0903407

DWR USE ONLY — DO NOT FILL IN
STATE WELL NO./STATION NO.
LATITUDE LONGITUDE
APN/TRS/OTHER

GEOLOGIC LOG

ORIENTATION (✓) ✓ VERTICAL ___ HORIZONTAL ___ ANGLE ___ (SPECIFY)
DRILLING METHOD AIR ROTARY FLUID ___

DEPTH FROM SURFACE Ft.	to Ft.	DESCRIPTION *Describe material, grain size, color, etc.*
0	165	SANDY CLAY
165	200	GRAVEL

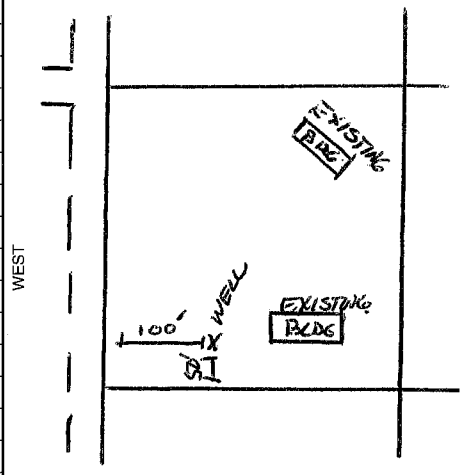
TOTAL DEPTH OF BORING 200 (Feet)
TOTAL DEPTH OF COMPLETED WELL 200 (Feet)

WELL OWNER

WELL LOCATION

Address 225 QUAIL WAY
City Calvada Springs
County INYO
APN Book 48 Page 521 Parcel 24
Township 22N Range 10E Section 35
Lat ___ DEG. ___ MIN. ___ SEC. N Long ___ DEG. ___ MIN. ___ SEC. W

LOCATION SKETCH



Illustrate or Describe Distance of Well from Roads, Buildings, Fences, Rivers, etc. and attach a map. Use additional paper if necessary. ***PLEASE BE ACCURATE & COMPLETE.***

ACTIVITY (✓)

✓ NEW WELL
MODIFICATION/REPAIR
___ Deepen
___ Other (Specify)
___ DESTROY *(Describe Procedures and Materials Under "GEOLOGIC LOG")*

USES (✓)

WATER SUPPLY
✓ Domestic ___ Public
___ Irrigation ___ Industrial
MONITORING ___
TEST WELL ___
CATHODIC PROTECTION ___
HEAT EXCHANGE ___
DIRECT PUSH ___
INJECTION ___
VAPOR EXTRACTION ___
SPARGING ___
REMEDIATION ___
OTHER (SPECIFY) ___

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH TO FIRST WATER 165 (Ft.) BELOW SURFACE
DEPTH OF STATIC WATER LEVEL 135 (Ft.) & DATE MEASURED 05/07/04
ESTIMATED YIELD * ___ (GPM) & TEST TYPE ___
TEST LENGTH ___ (Hrs.) TOTAL DRAWDOWN ___ (Ft.)
** May not be representative of a well's long-term yield.*

CASING (S)

DEPTH FROM SURFACE Ft.	to Ft.	BORE-HOLE DIA. (Inches)	TYPE (✓) BLANK	SCREEN	CONDUCTOR	FILL PIPE	MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
0	160	10.5	✓				PVC	6.625	.280	
160	200	10.5		✓			PVC	6.625	.280	1/8 x 3

ANNULAR MATERIAL

DEPTH FROM SURFACE Ft.	to Ft.	TYPE CEMENT (✓)	BENTONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)
0	20	✓			

ATTACHMENTS (✓)

___ Geologic Log
___ Well Construction Diagram
___ Geophysical Log(s)
___ Soil/Water Chemical Analyses
___ Other ___

ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

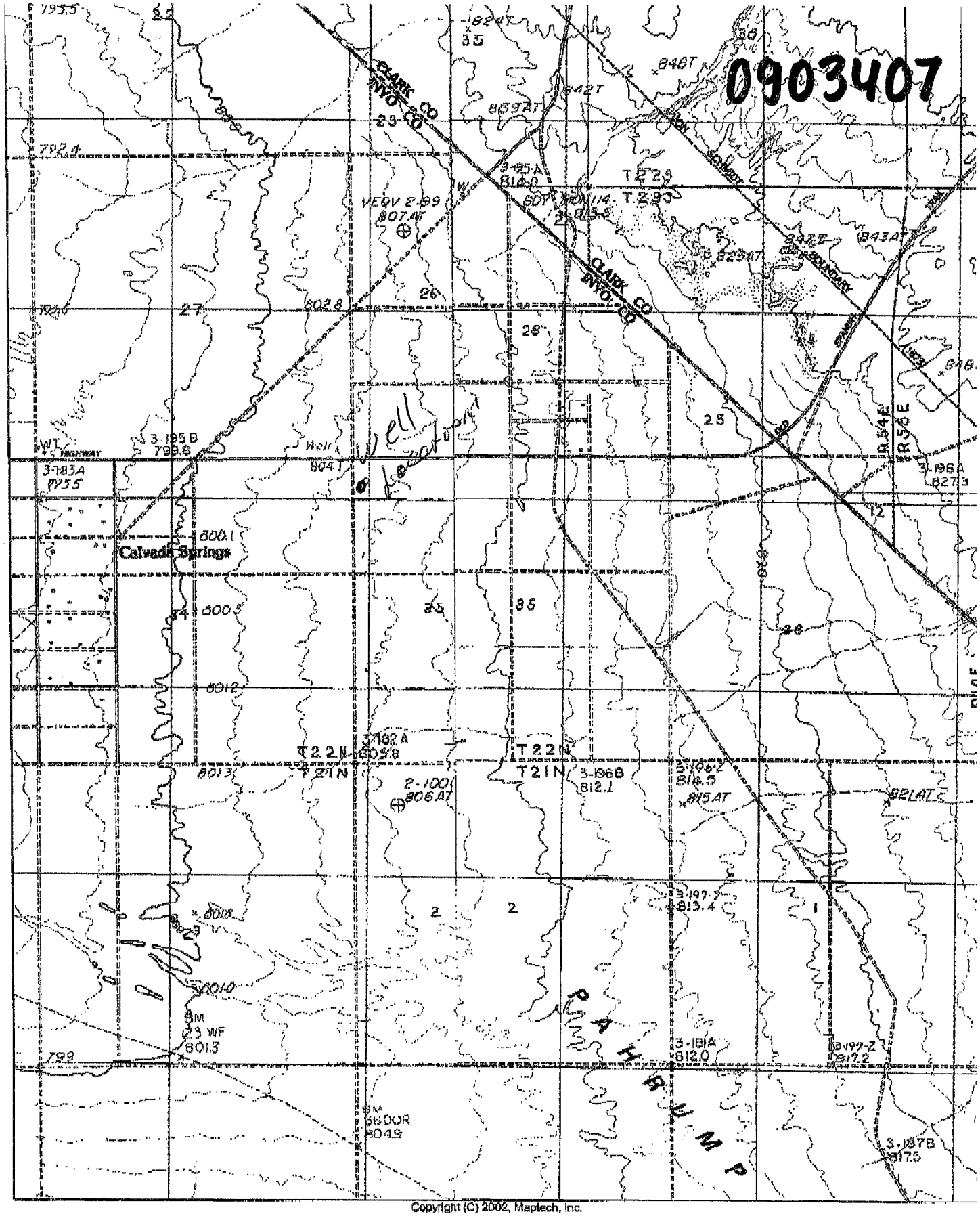
NAME GREAT BASIN DRILLING
(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)

1220 E. MINSE, P.O. BOX 4220, PAHRUMP, NV 89041
ADDRESS CITY STATE ZIP

Signed ___ 07/12/04 643943
C-57 LICENSED WATER WELL CONTRACTOR DATE SIGNED C-57 LICENSE NUMBER

DWR 188 REV. 05-03 IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM OSP 03 78836

0903407


Well location
Calvada Springs
CLARK CO
INYO CO
T 22 N
T 21 N
R 54 E
R 55 E
PAHRUMP
Copyright (C) 2002, Maptech, Inc.

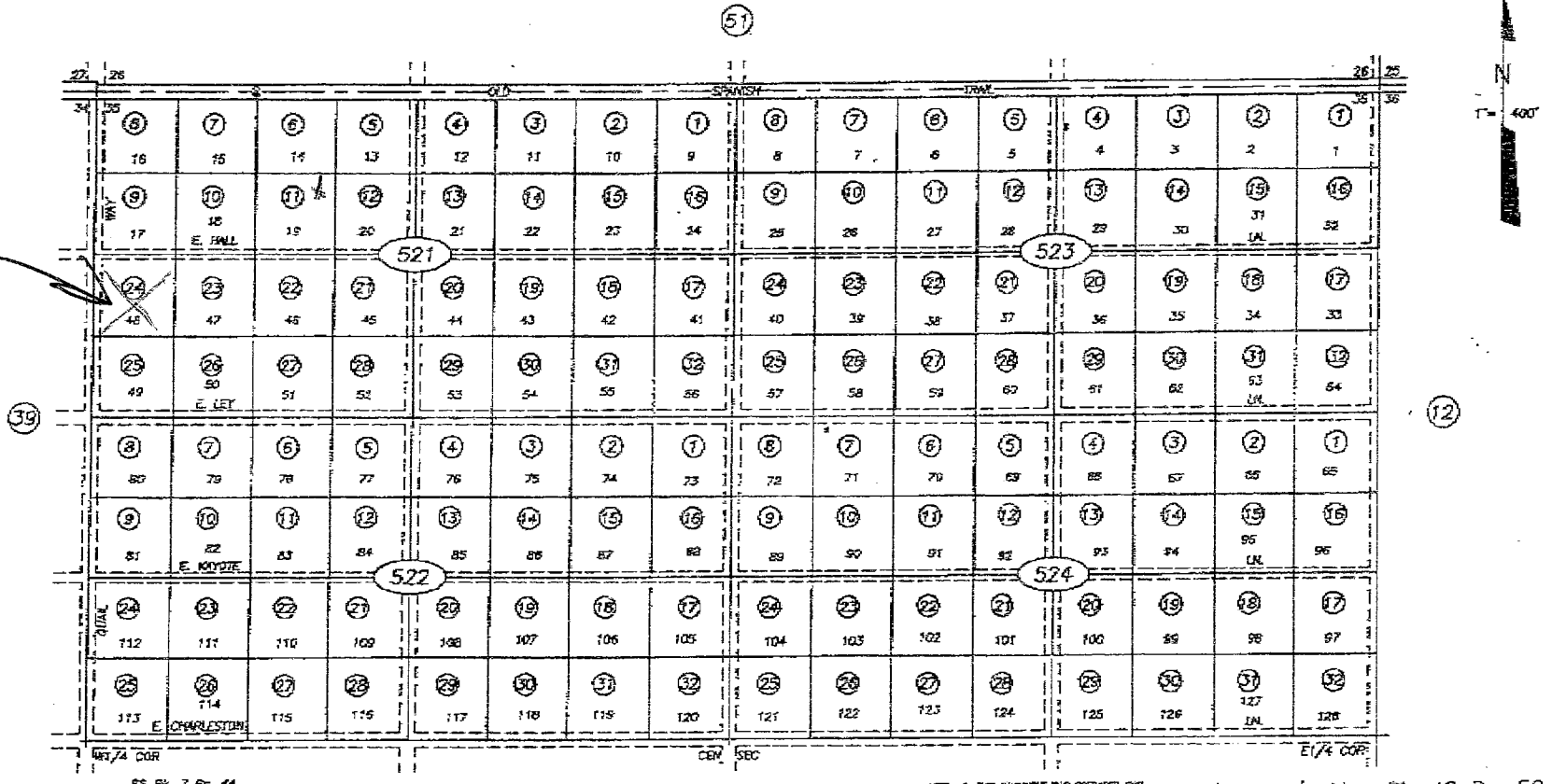
0903407

Lot with well

48–52

N 1/2 SEC. 35 T.22N., R.10E., S.B.B. & M.
SPRING VALLEY RANCHOS

TAX RATE AREA
56-003



RS Bk. 7 Pg. 44

EACH LOT IS APPROX. 330x330, 2.5 AC., PRIOR TO ROAD RESERVATIONS.
ROADS ARE 60 FT. ON SEC. LINES AND 1/4 SEC. LINES. ALL OTHERS 40 FT.
UTILITY ESMT. 10 FT. AT REAR OF EACH LOT.

NOTE: 1. THIS DOCUMENT WAS PREPARED FOR ASSESSMENT PURPOSES ONLY.
2. NO LIABILITY IS ASSUMED FOR THE ACCURACY OF THE DATA SHOWN.
3. ASSESSOR'S PARCELS MAY NOT COMPLY WITH LOCAL LOT-SPLIT OR BUILDING SITE ORDINANCES.

Assessor's Map Bk. 48 Pg. 52
County of Inyo, Calif.
1973
12-31-01
11-08-12

INYOCOUNTYPLANNING TU:619-878-0382 MHR 18.04 9:55 NO.001 P.01

Appendix E:

HISTORICAL RESEARCH DOCUMENTATION

Bonanza Peak

Bonanza Peak

Tecopa, CA 92389

Inquiry Number: 7587336.5

March 06, 2024

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

03/06/24

Site Name:

Bonanza Peak
Bonanza Peak
Tecopa, CA 92389
EDR Inquiry # 7587336.5

Client Name:

Ninyo & Moore
6700 Paradise Road
Las Vegas, NV 89119
Contact: Crystal Castellanos

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Ninyo & Moore were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

P.O.# NA
Project: NA

Coordinates:

Latitude:	35.986891 35° 59' 13" North
Longitude:	-115.89249 -115° 53' 33" West
UTM Zone:	Zone 11 North
UTM X Meters:	599835.70
UTM Y Meters:	3983061.49
Elevation:	2612.00' above sea level

Maps Provided:

2021	1956
2018	1956, 1958
2015	
2015, 2014	
2012	
1984	
1958	
1957, 1958	

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2021 Source Sheets



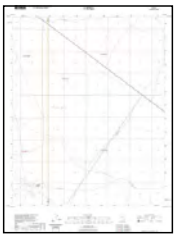
Calvada Springs
2021
7.5-minute, 24000



Stump Spring
2021
7.5-minute, 24000



Mound Spring
2021
7.5-minute, 24000

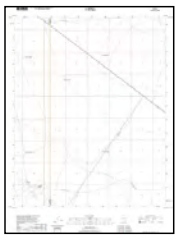


Hidden Hills Ranch
2021
7.5-minute, 24000



Lost Cabin Spring
2021
7.5-minute, 24000

2018 Source Sheets



Hidden Hills Ranch
2018
7.5-minute, 24000



Lost Cabin Spring
2018
7.5-minute, 24000



Stump Spring
2018
7.5-minute, 24000



Mound Spring
2018
7.5-minute, 24000



Calvada Springs
2018
7.5-minute, 24000

2015 Source Sheets



Calvada Springs
2015
7.5-minute, 24000



Stump Spring
2015
7.5-minute, 24000

2015, 2014 Source Sheets



Mound Spring
2014
7.5-minute, 24000



Hidden Hills Ranch
2015
7.5-minute, 24000



Lost Cabin Spring
2014
7.5-minute, 24000

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets



Calvada Springs
2012
7.5-minute, 24000

1984 Source Sheets



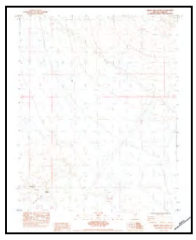
Calvada Springs
1984
7.5-minute, 24000
Aerial Photo Revised 1978



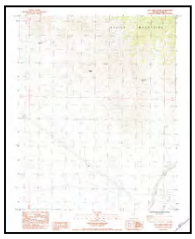
Stump Spring
1984
7.5-minute, 24000
Aerial Photo Revised 1978



Mound Spring
1984
7.5-minute, 24000
Aerial Photo Revised 1980

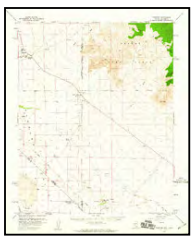


Hidden Hills Ranch
1984
7.5-minute, 24000
Aerial Photo Revised 1980



Lost Cabin Spring
1984
7.5-minute, 24000
Aerial Photo Revised 1980

1958 Source Sheets



Pahrump
1958
15-minute, 62500
Aerial Photo Revised 1953

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1957, 1958 Source Sheets



Mountain Springs
1957
15-minute, 62500
Aerial Photo Revised 1953

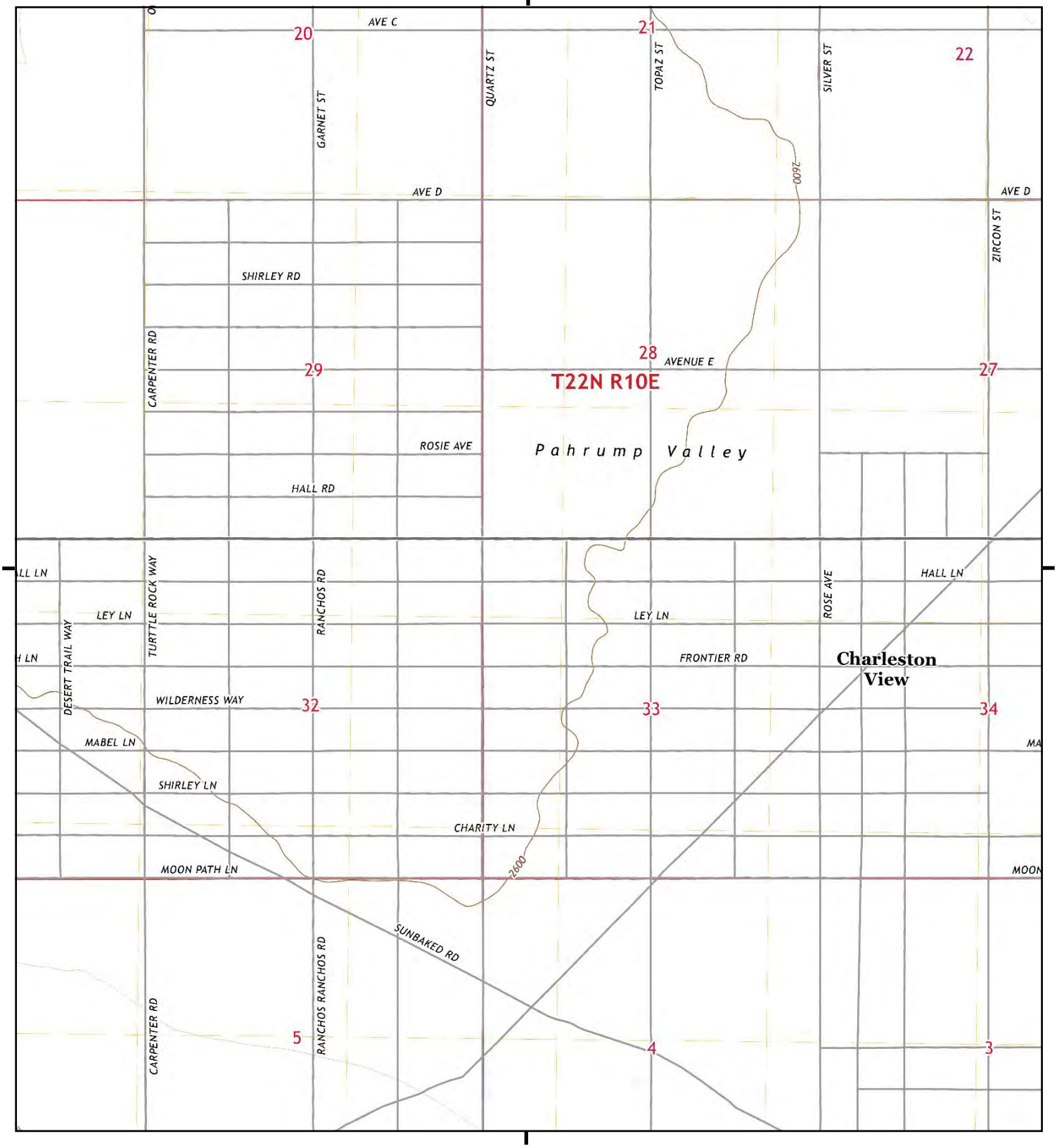
1956 Source Sheets



Horse Thief Springs
1956
15-minute, 62500
Aerial Photo Revised 1953

Historical Topo Map

2021



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

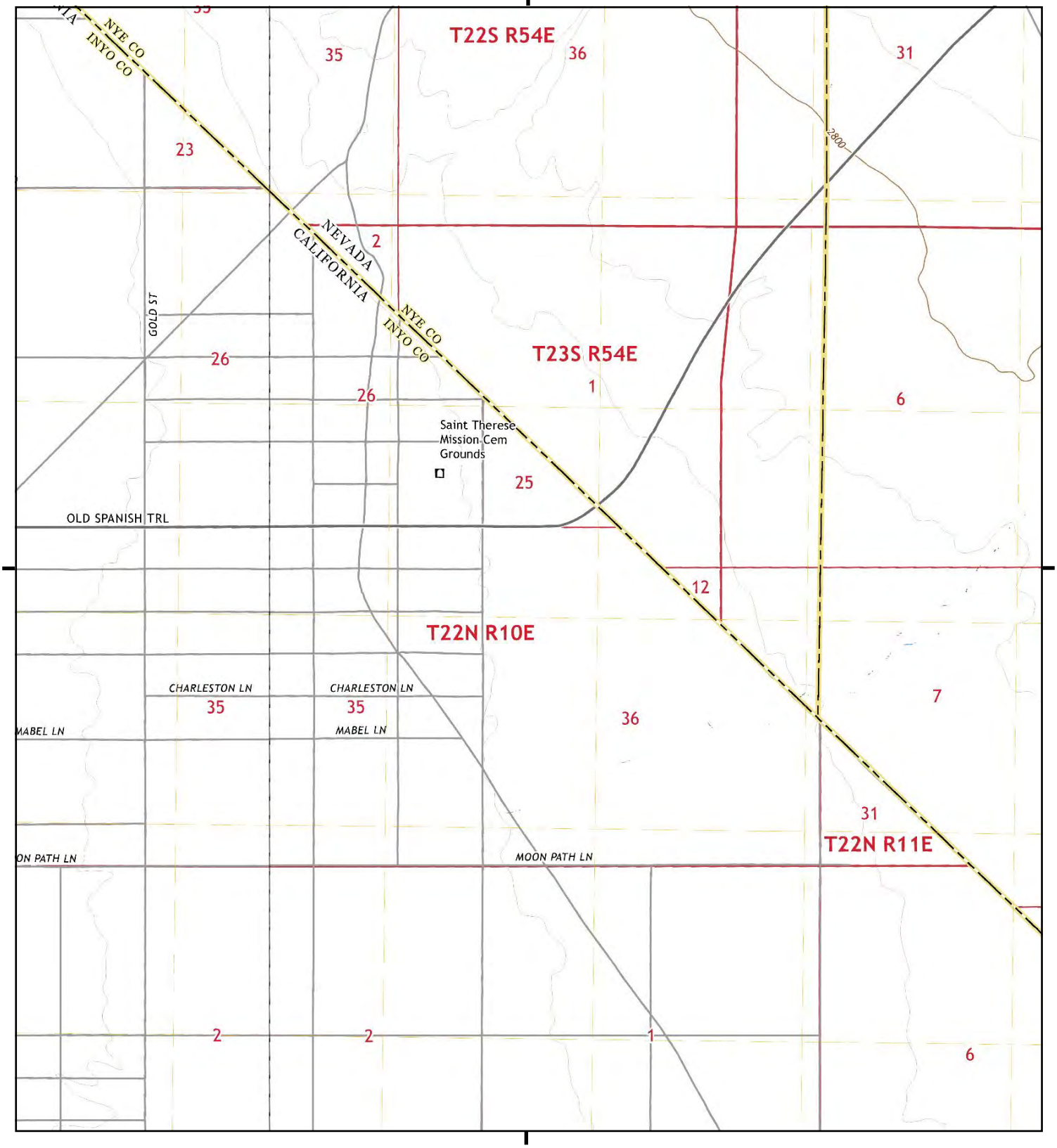
TP, Calvada Springs, 2021, 7.5-minute

SITE NAME: Bonanza Peak
ADDRESS: Bonanza Peak
Tecopa, CA 92389
CLIENT: Ninyo & Moore

N

Historical Topo Map

2021



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

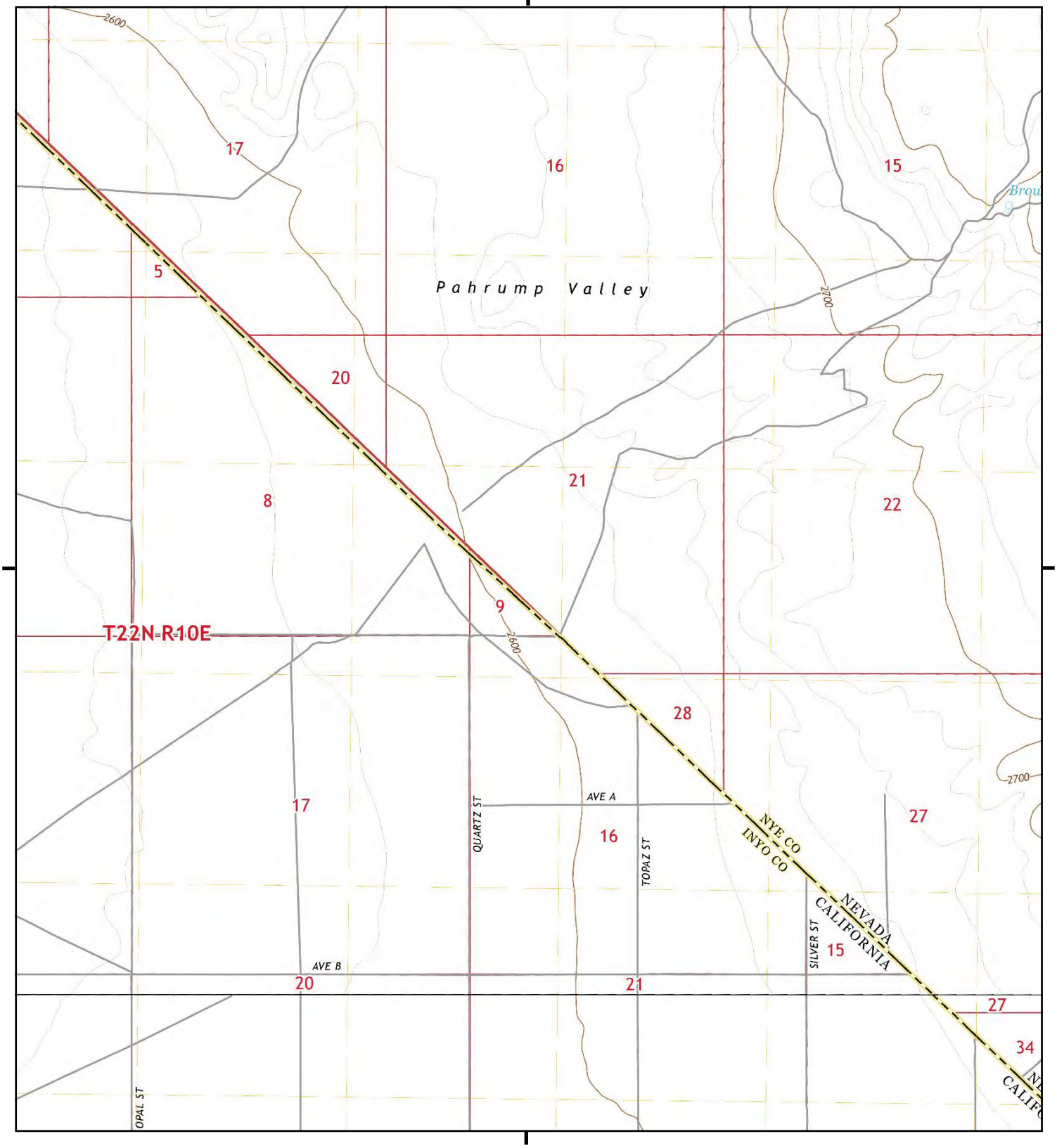
TP, Stump Spring, 2021, 7.5-minute
SW, Calvada Springs, 2021, 7.5-minute

SITE NAME: Bonanza Peak
ADDRESS: Bonanza Peak
Tecopa, CA 92389
CLIENT: Ninyo & Moore

N

Historical Topo Map

2021



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

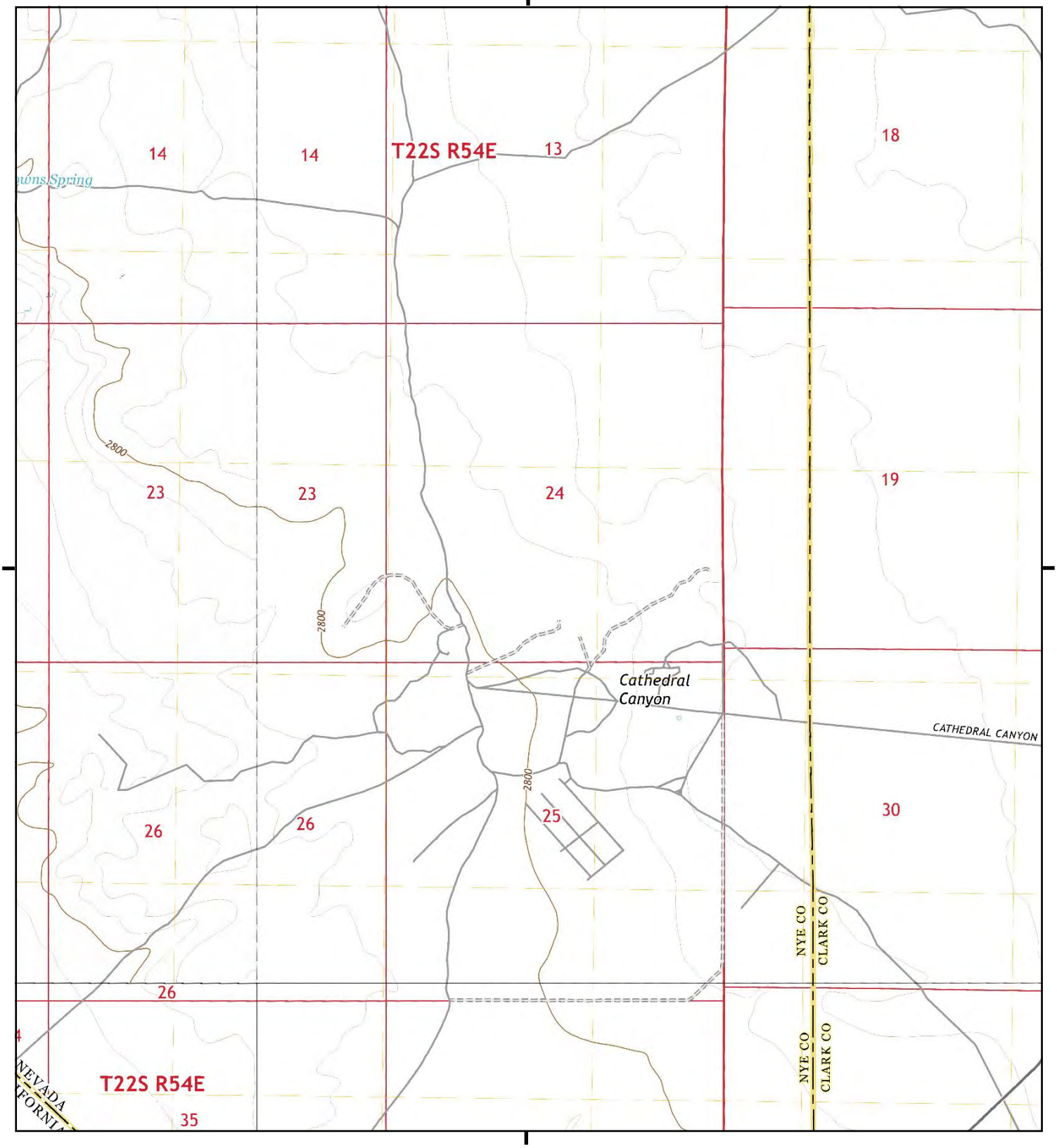
TP, Mound Spring, 2021, 7.5-minute
S, Calvada Springs, 2021, 7.5-minute

SITE NAME: Bonanza Peak
ADDRESS: Bonanza Peak
Tecopa, CA 92389
CLIENT: Ninyo & Moore

N

Historical Topo Map

2021



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

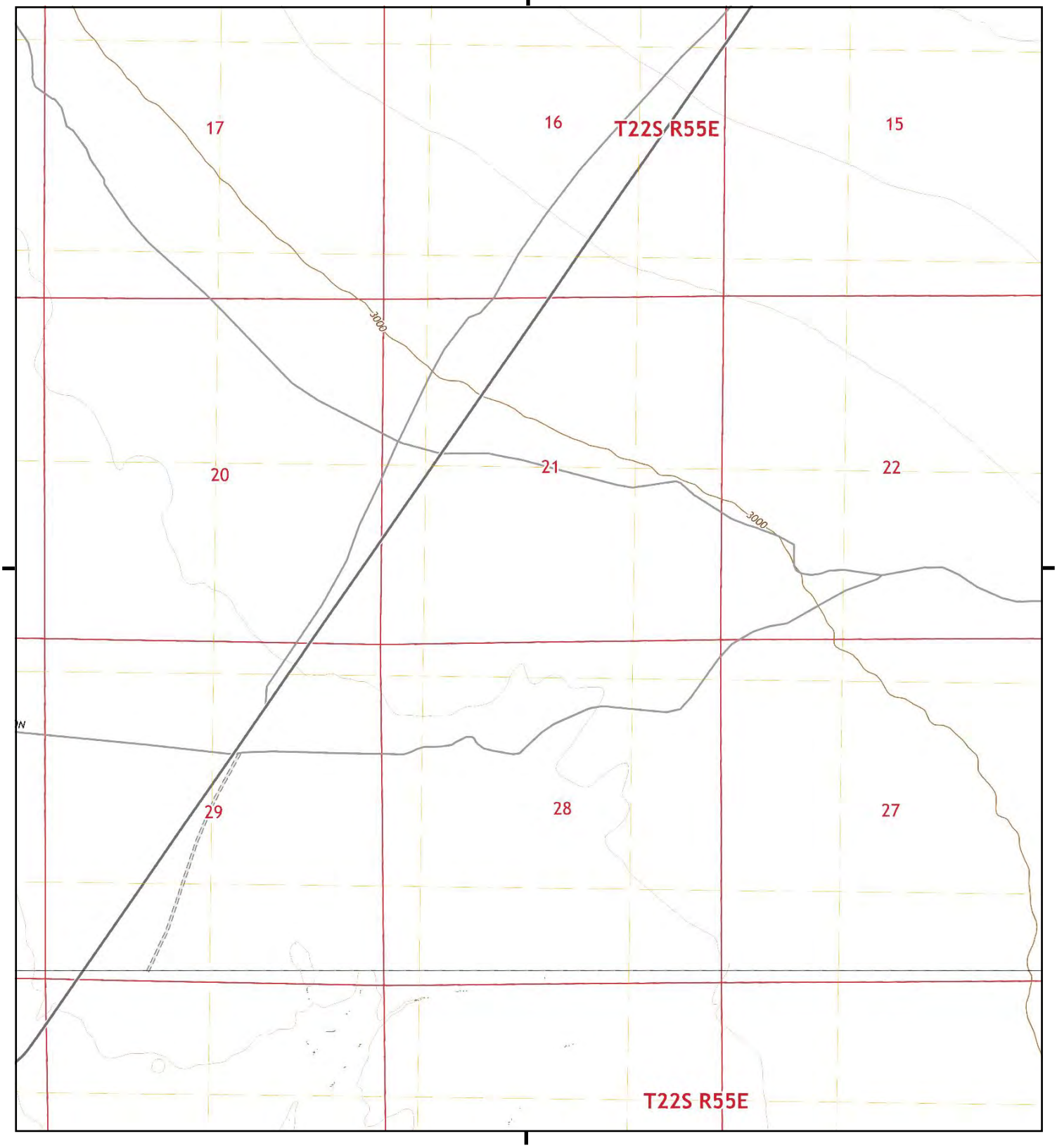
TP, Hidden Hills Ranch, 2021, 7.5-minute
SE, Stump Spring, 2021, 7.5-minute
S, Calvada Springs, 2021, 7.5-minute
NW, Mound Spring, 2021, 7.5-minute

SITE NAME: Bonanza Peak
ADDRESS: Bonanza Peak
Tecopa, CA 92389
CLIENT: Ninyo & Moore

N

Historical Topo Map

2021



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

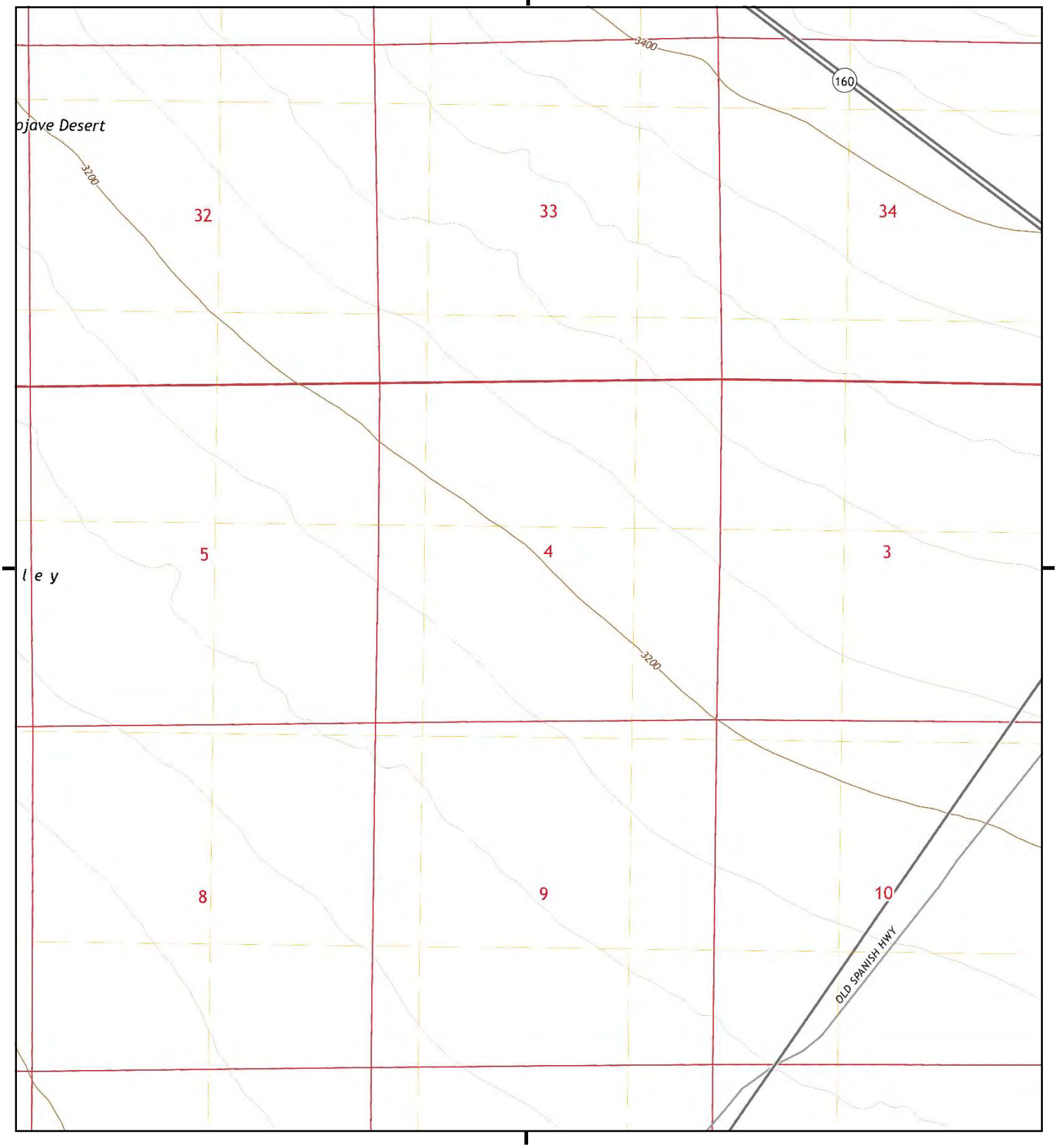
TP, Hidden Hills Ranch, 2021, 7.5-minute
S, Stump Spring, 2021, 7.5-minute

SITE NAME: Bonanza Peak
ADDRESS: Bonanza Peak
Tecopa, CA 92389
CLIENT: Ninyo & Moore

N

Historical Topo Map

2021



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

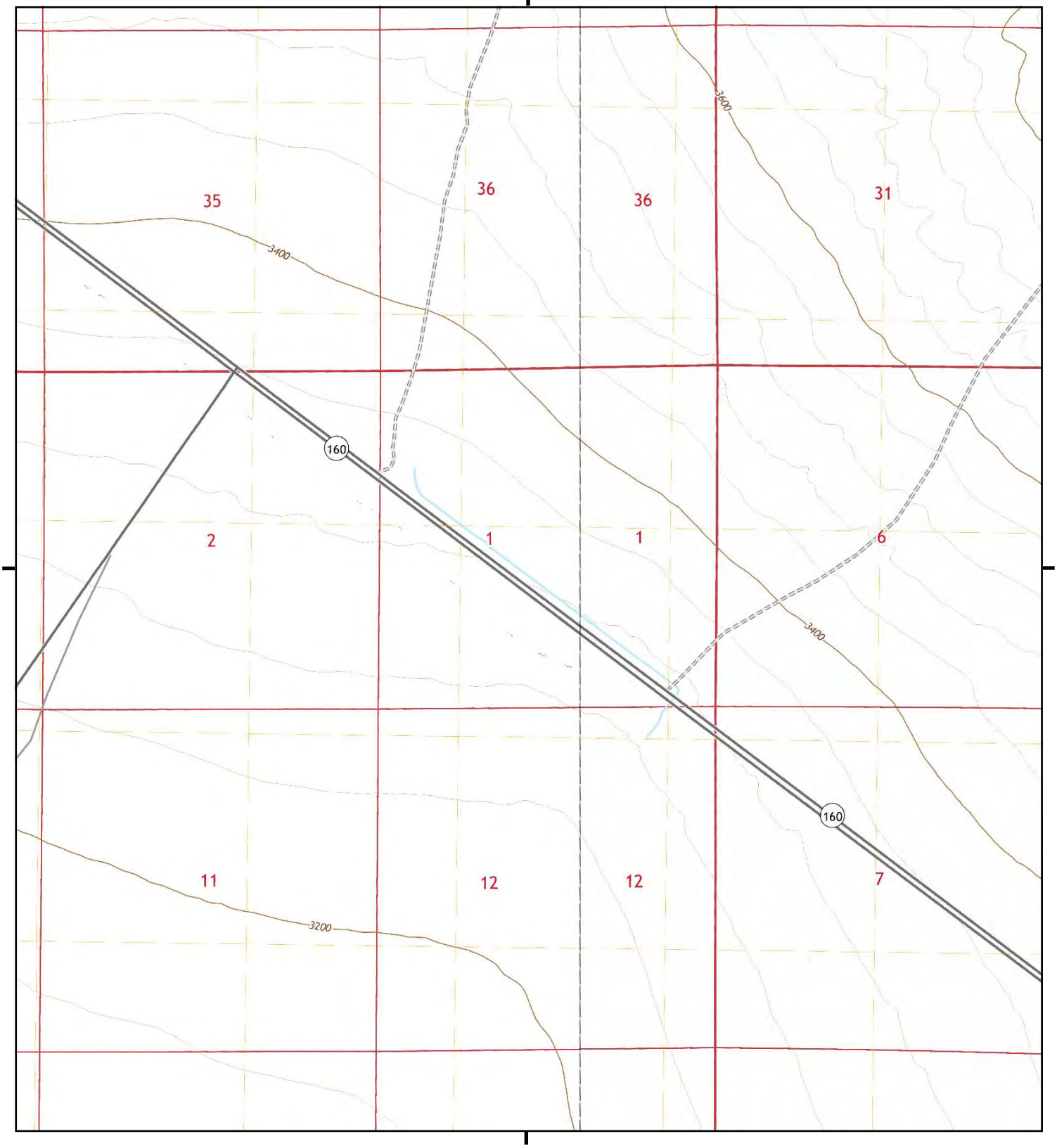
TP, Hidden Hills Ranch, 2021, 7.5-minute

SITE NAME: Bonanza Peak
ADDRESS: Bonanza Peak
Tecopa, CA 92389
CLIENT: Ninyo & Moore

N

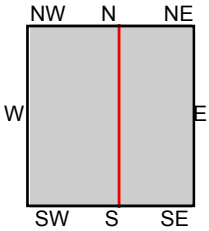
Historical Topo Map

2021



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0 Miles 0.25 0.5 1 1.5



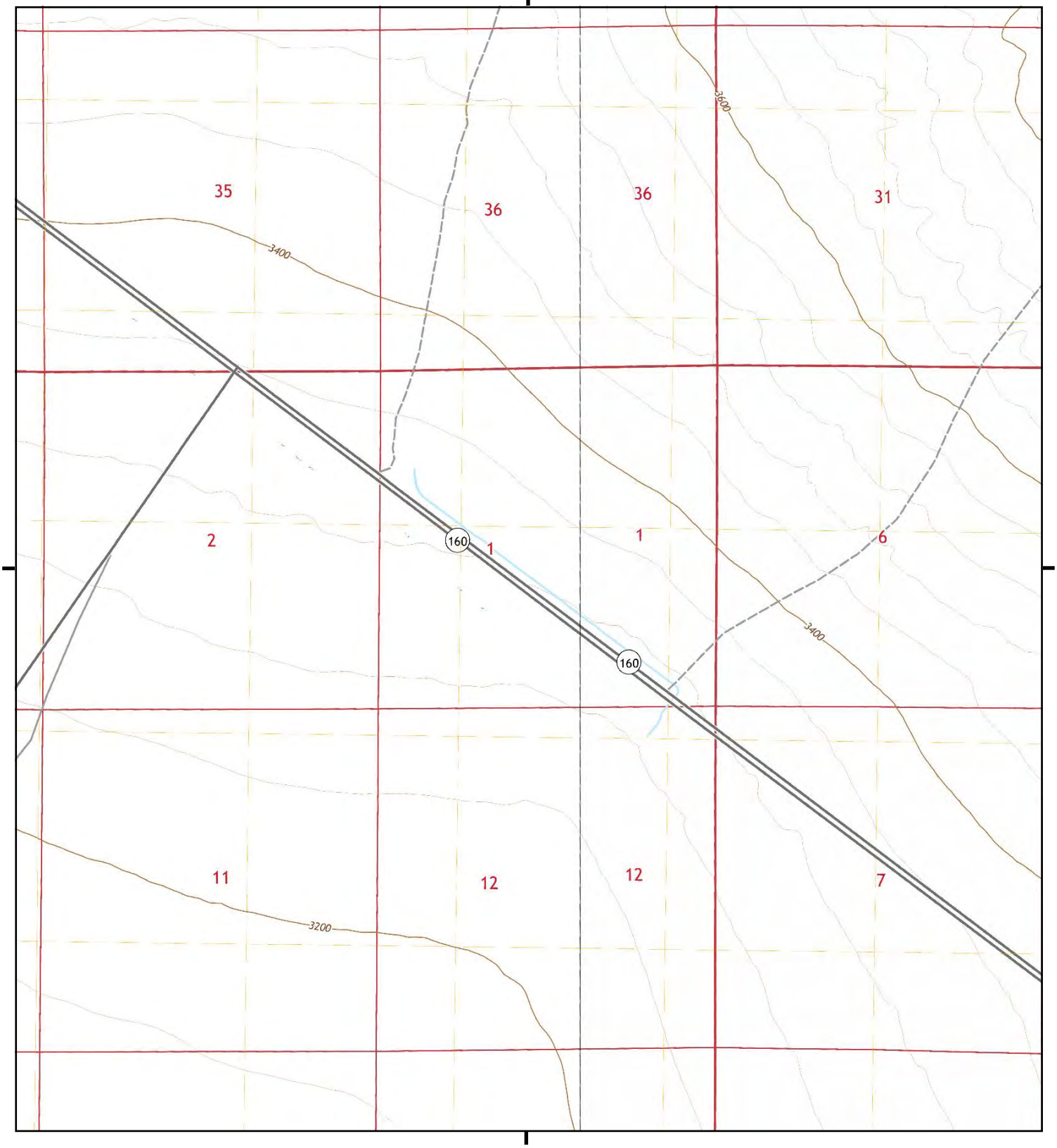
TP, Hidden Hills Ranch, 2021, 7.5-minute
E, Lost Cabin Spring, 2021, 7.5-minute

SITE NAME: Bonanza Peak
ADDRESS: Bonanza Peak
Tecopa, CA 92389
CLIENT: Ninyo & Moore

N

Historical Topo Map

2018



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

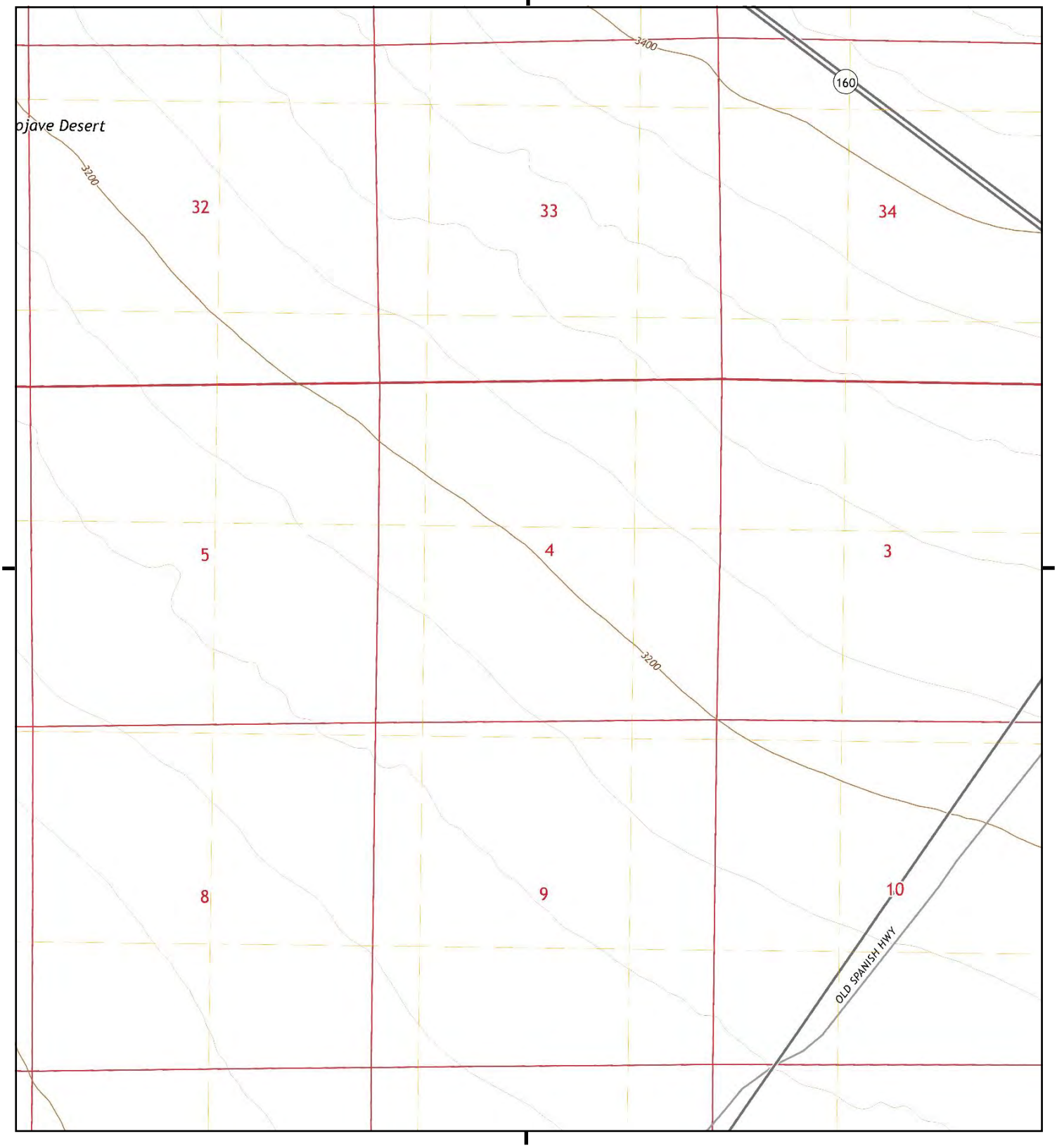
TP, Hidden Hills Ranch, 2018, 7.5-minute
E, Lost Cabin Spring, 2018, 7.5-minute

SITE NAME: Bonanza Peak
ADDRESS: Bonanza Peak
Tecopa, CA 92389
CLIENT: Ninyo & Moore

N

Historical Topo Map

2018



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

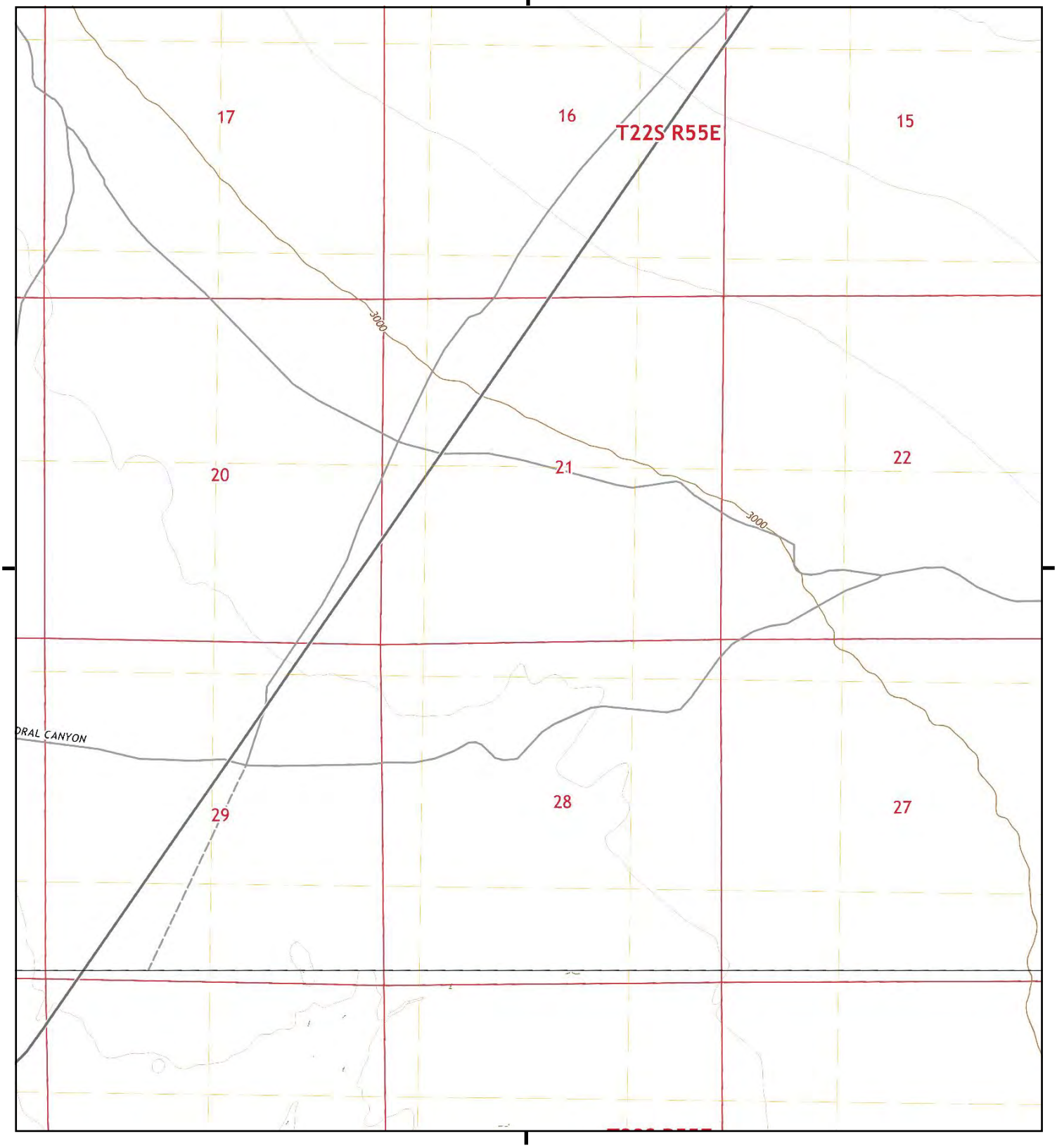
TP, Hidden Hills Ranch, 2018, 7.5-minute

SITE NAME: Bonanza Peak
ADDRESS: Bonanza Peak
Tecopa, CA 92389
CLIENT: Ninyo & Moore

N

Historical Topo Map

2018



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

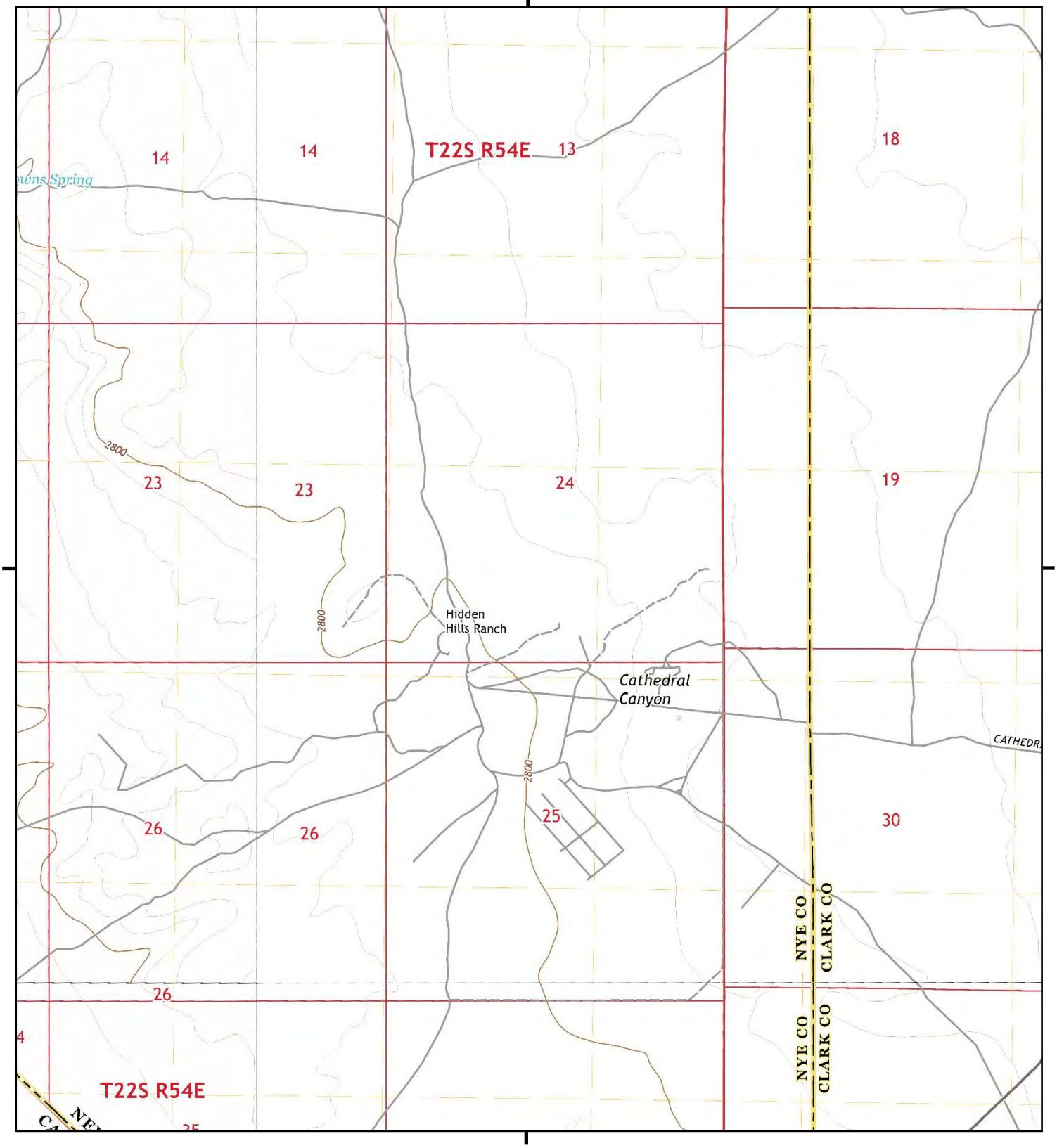
TP, Hidden Hills Ranch, 2018, 7.5-minute
S, Stump Spring, 2018, 7.5-minute

SITE NAME: Bonanza Peak
ADDRESS: Bonanza Peak
Tecopa, CA 92389
CLIENT: Ninyo & Moore

N

Historical Topo Map

2018



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

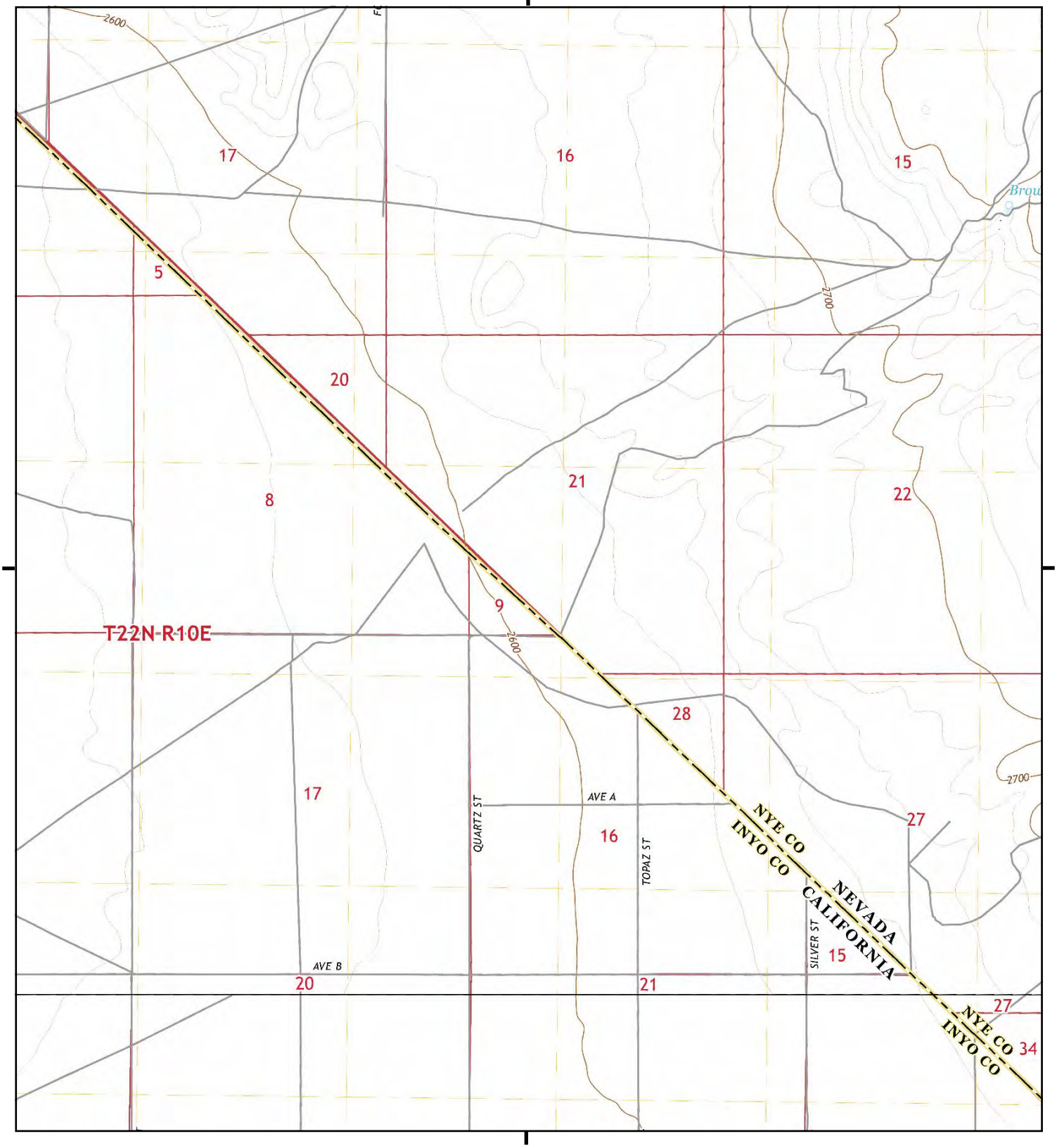
TP, Hidden Hills Ranch, 2018, 7.5-minute
SE, Stump Spring, 2018, 7.5-minute
S, Calvada Springs, 2018, 7.5-minute
NW, Mound Spring, 2018, 7.5-minute

SITE NAME: Bonanza Peak
ADDRESS: Bonanza Peak
Tecopa, CA 92389
CLIENT: Ninyo & Moore

N

Historical Topo Map

2018



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

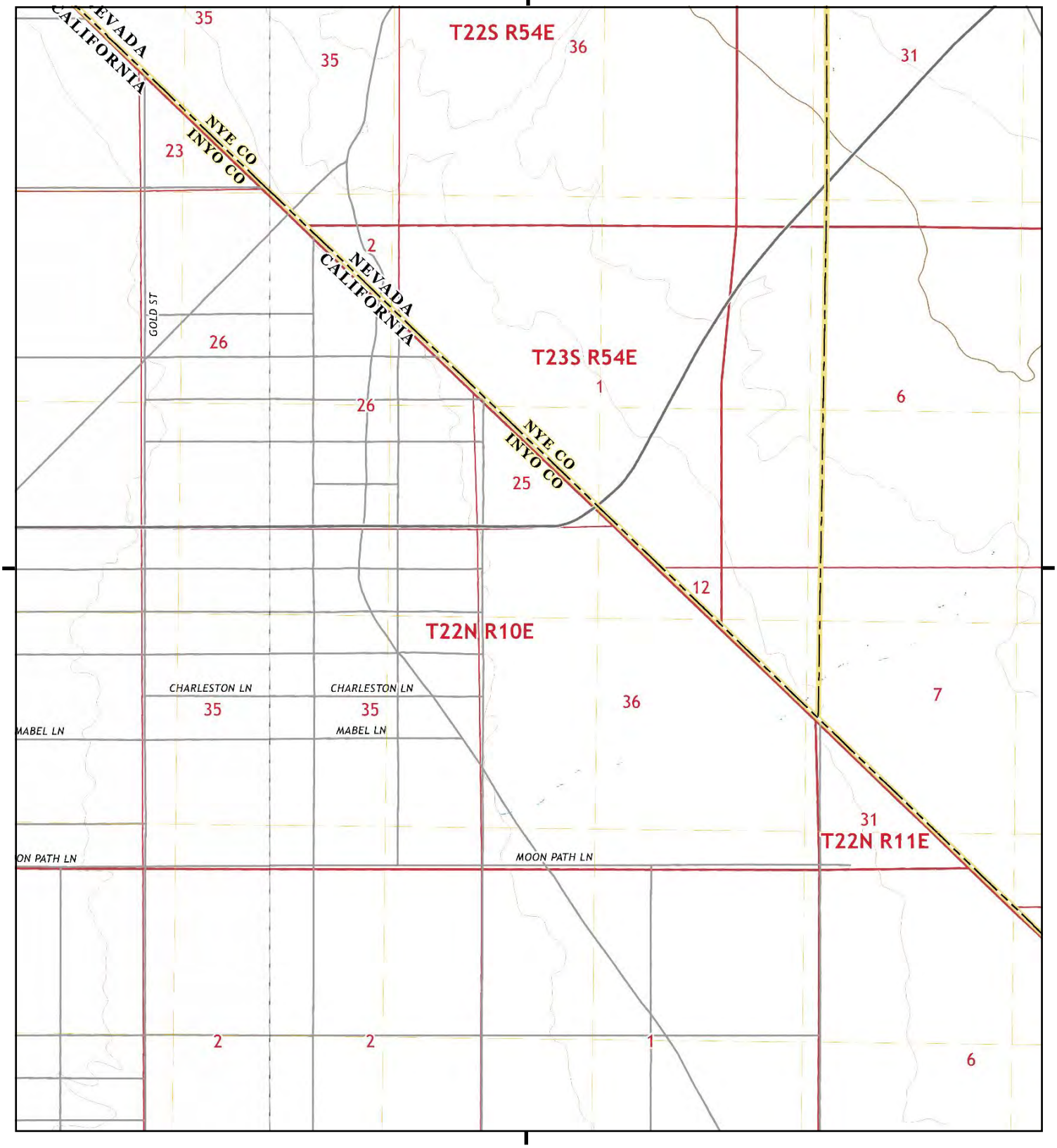
TP, Mound Spring, 2018, 7.5-minute
S, Calvada Springs, 2018, 7.5-minute

SITE NAME: Bonanza Peak
ADDRESS: Bonanza Peak
Tecopa, CA 92389
CLIENT: Ninyo & Moore

N

Historical Topo Map

2018



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

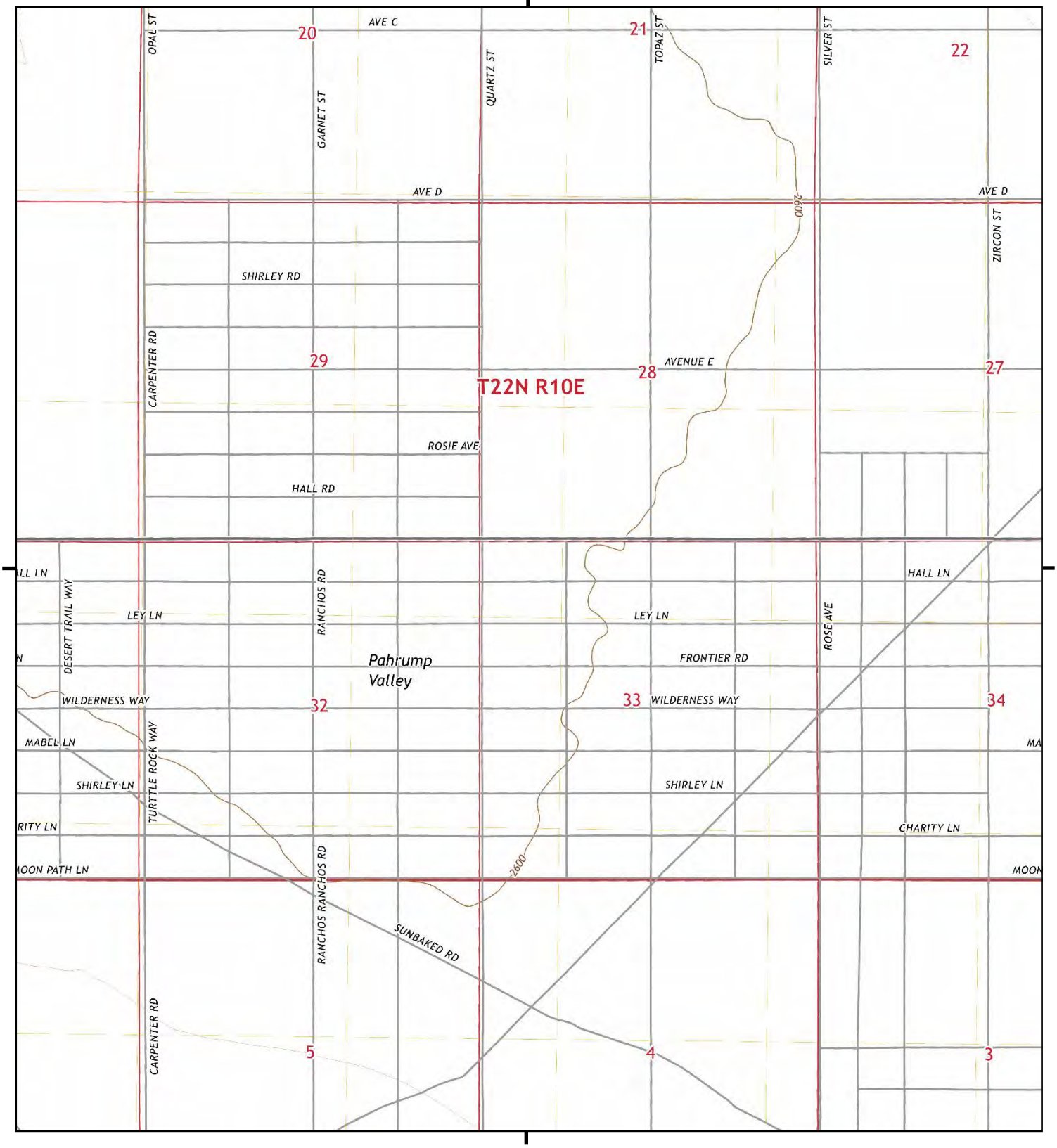
TP, Stump Spring, 2018, 7.5-minute
SW, Calvada Springs, 2018, 7.5-minute

SITE NAME: Bonanza Peak
ADDRESS: Bonanza Peak
Tecopa, CA 92389
CLIENT: Ninyo & Moore

N

Historical Topo Map

2018



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

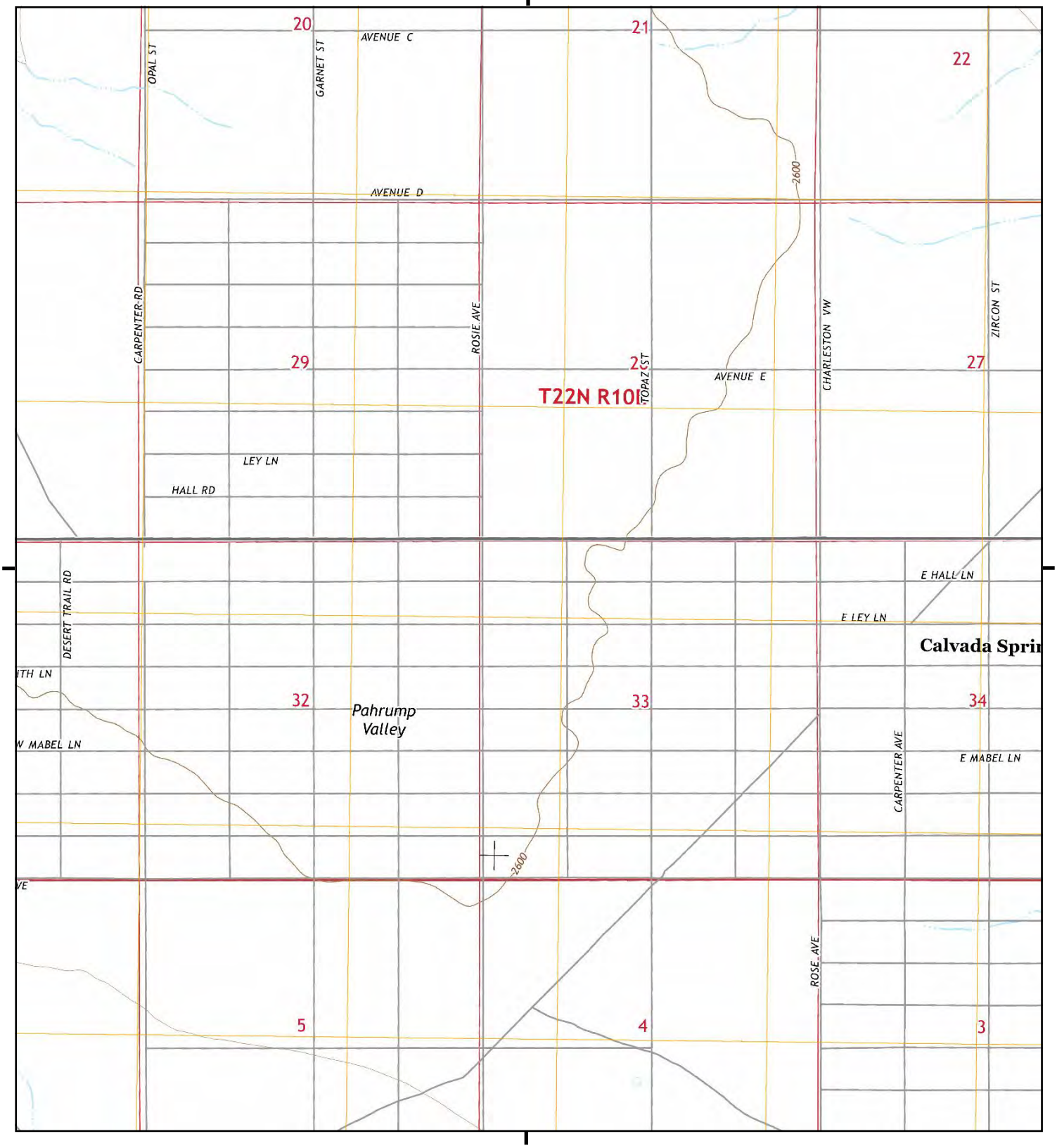
TP, Calvada Springs, 2018, 7.5-minute

SITE NAME: Bonanza Peak
ADDRESS: Bonanza Peak
Tecopa, CA 92389
CLIENT: Ninyo & Moore

N

Historical Topo Map

2015



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

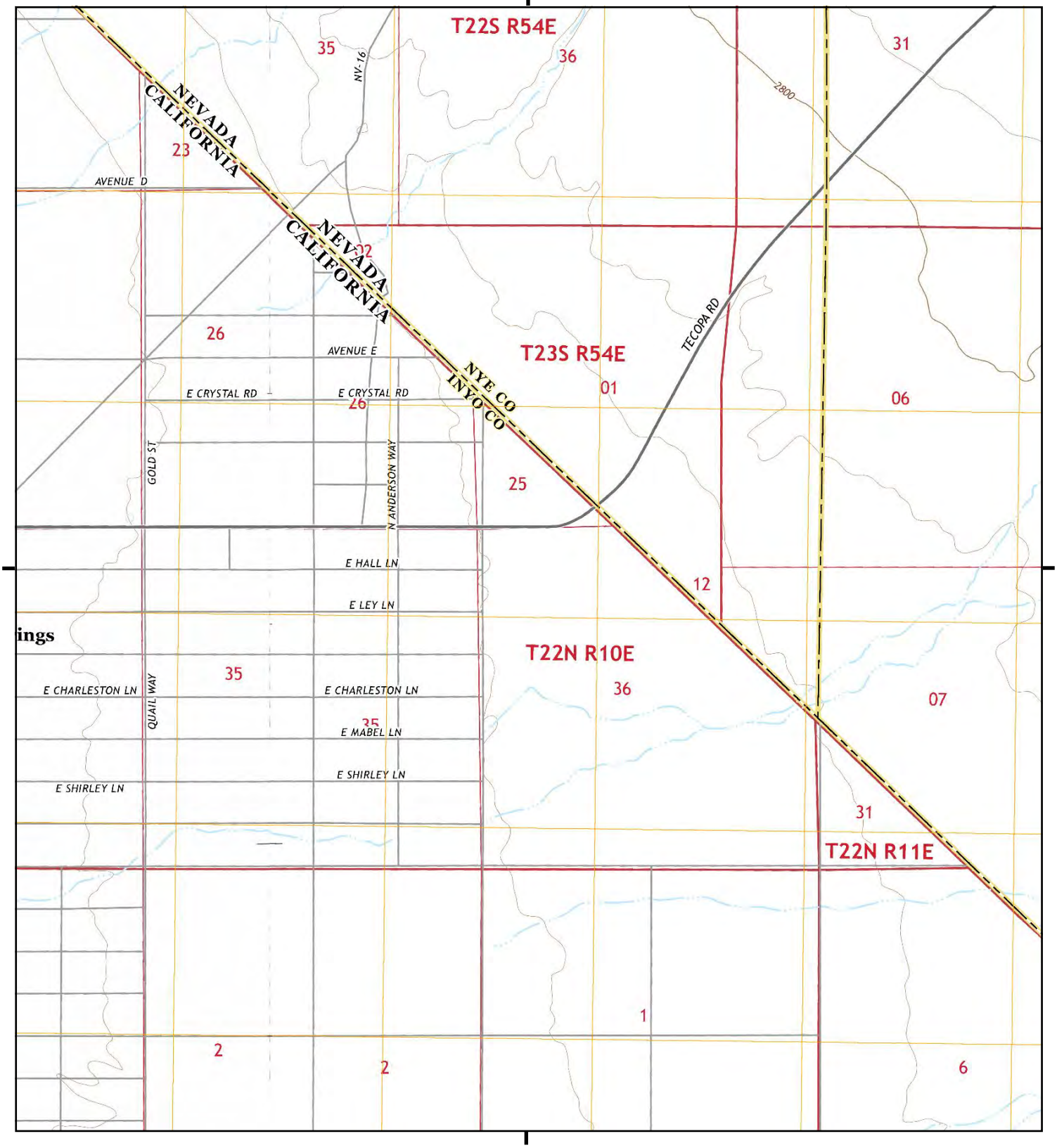
TP, Calvada Springs, 2015, 7.5-minute

SITE NAME: Bonanza Peak
ADDRESS: Bonanza Peak
Tecopa, CA 92389
CLIENT: Ninyo & Moore

N

Historical Topo Map

2015



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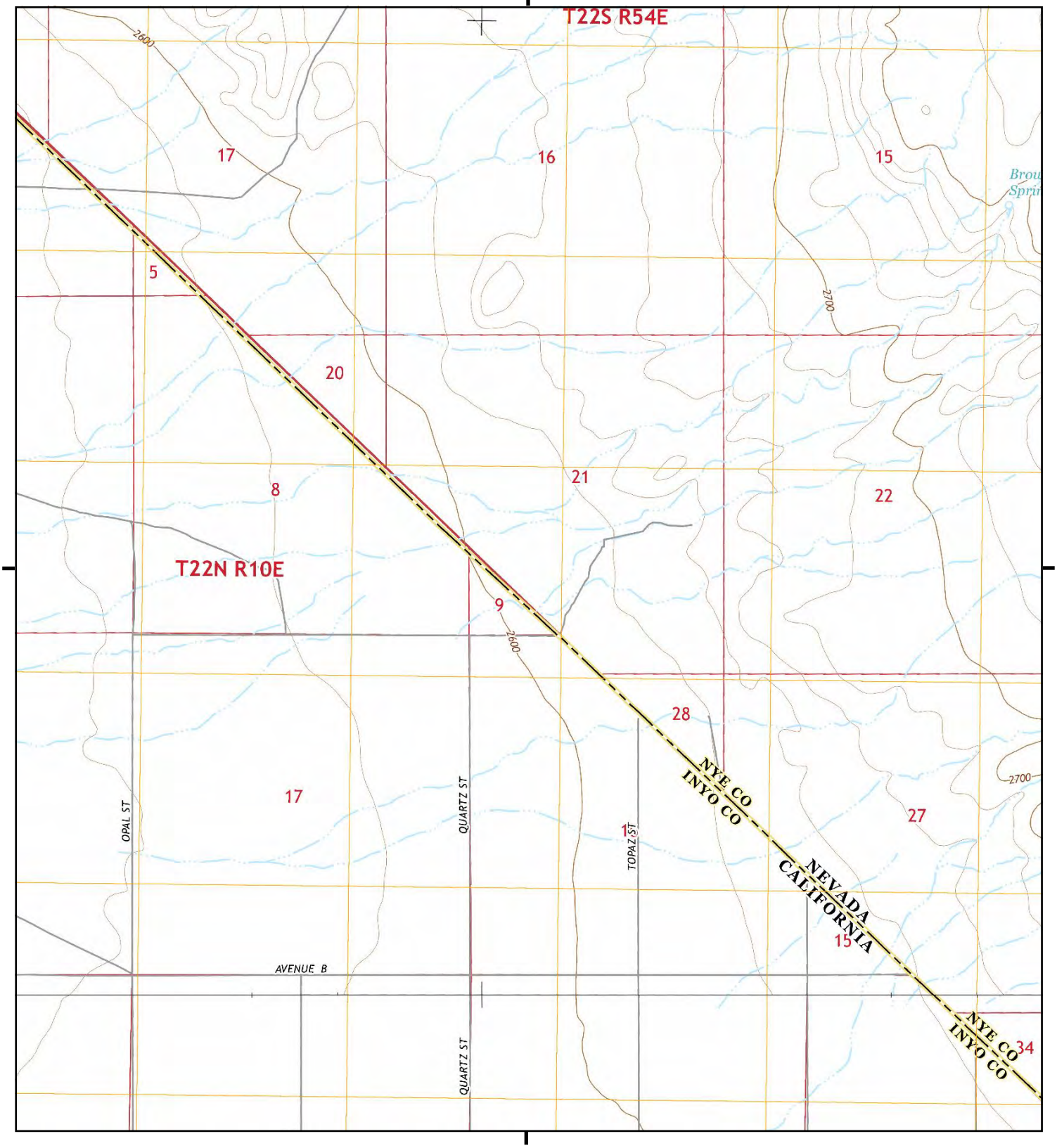
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Stump Spring, 2015, 7.5-minute
SW, Calvada Springs, 2015, 7.5-minute

SITE NAME: Bonanza Peak
ADDRESS: Bonanza Peak
Tecopa, CA 92389
CLIENT: Ninyo & Moore

N



This report includes information from the following map sheet(s).

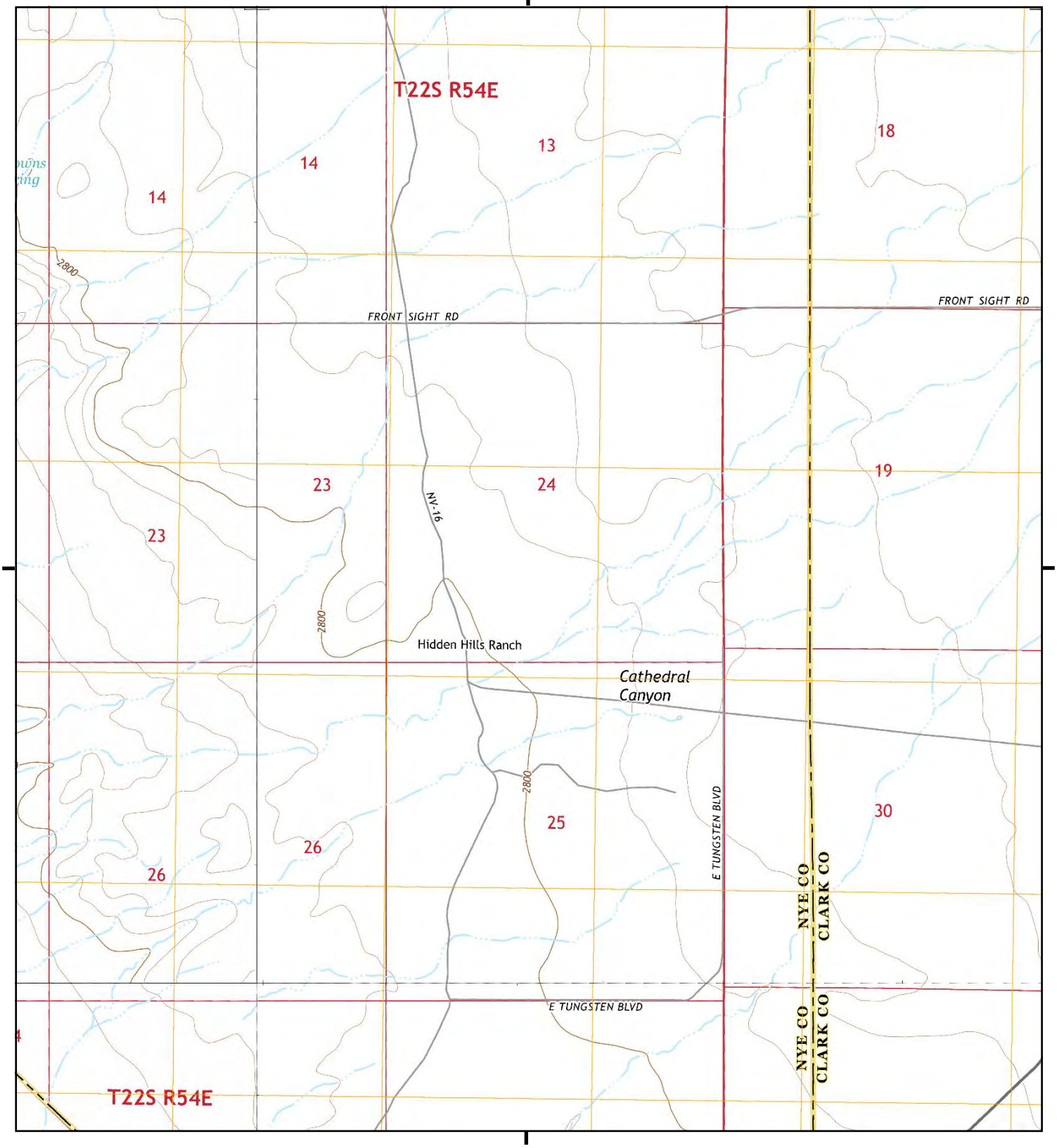
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mound Spring, 2014, 7.5-minute
S, Calvada Springs, 2015, 7.5-minute

SITE NAME: Bonanza Peak
ADDRESS: Bonanza Peak
Tecopa, CA 92389
CLIENT: Ninyo & Moore

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

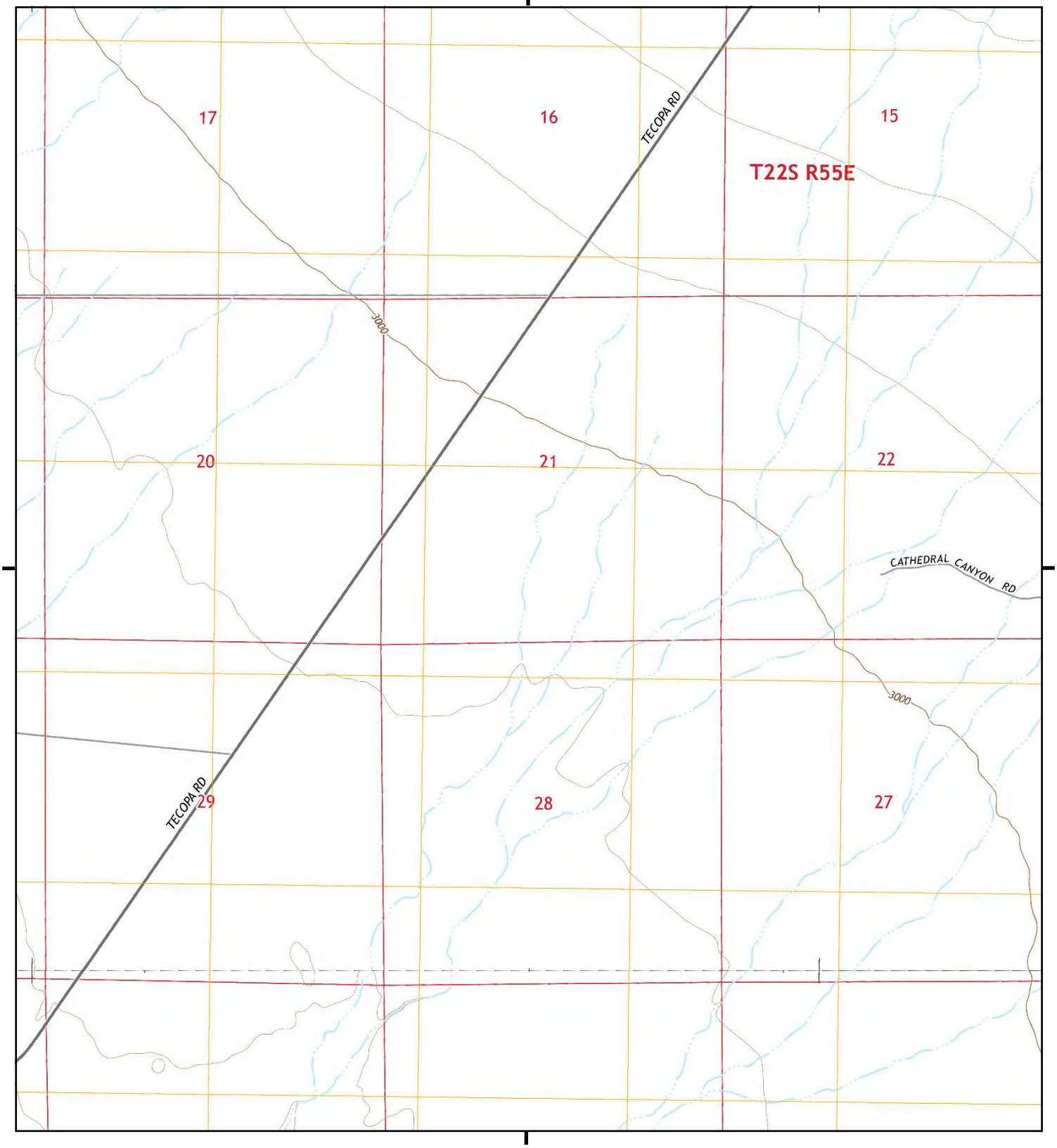
TP, Hidden Hills Ranch, 2015, 7.5-minute
N, Mound Spring, 2014, 7.5-minute
SE, Stump Spring, 2015, 7.5-minute
SW, Calvada Springs, 2015, 7.5-minute

SITE NAME: Bonanza Peak
ADDRESS: Bonanza Peak
Tecopa, CA 92389
CLIENT: Ninyo & Moore

N

Historical Topo Map

2015



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

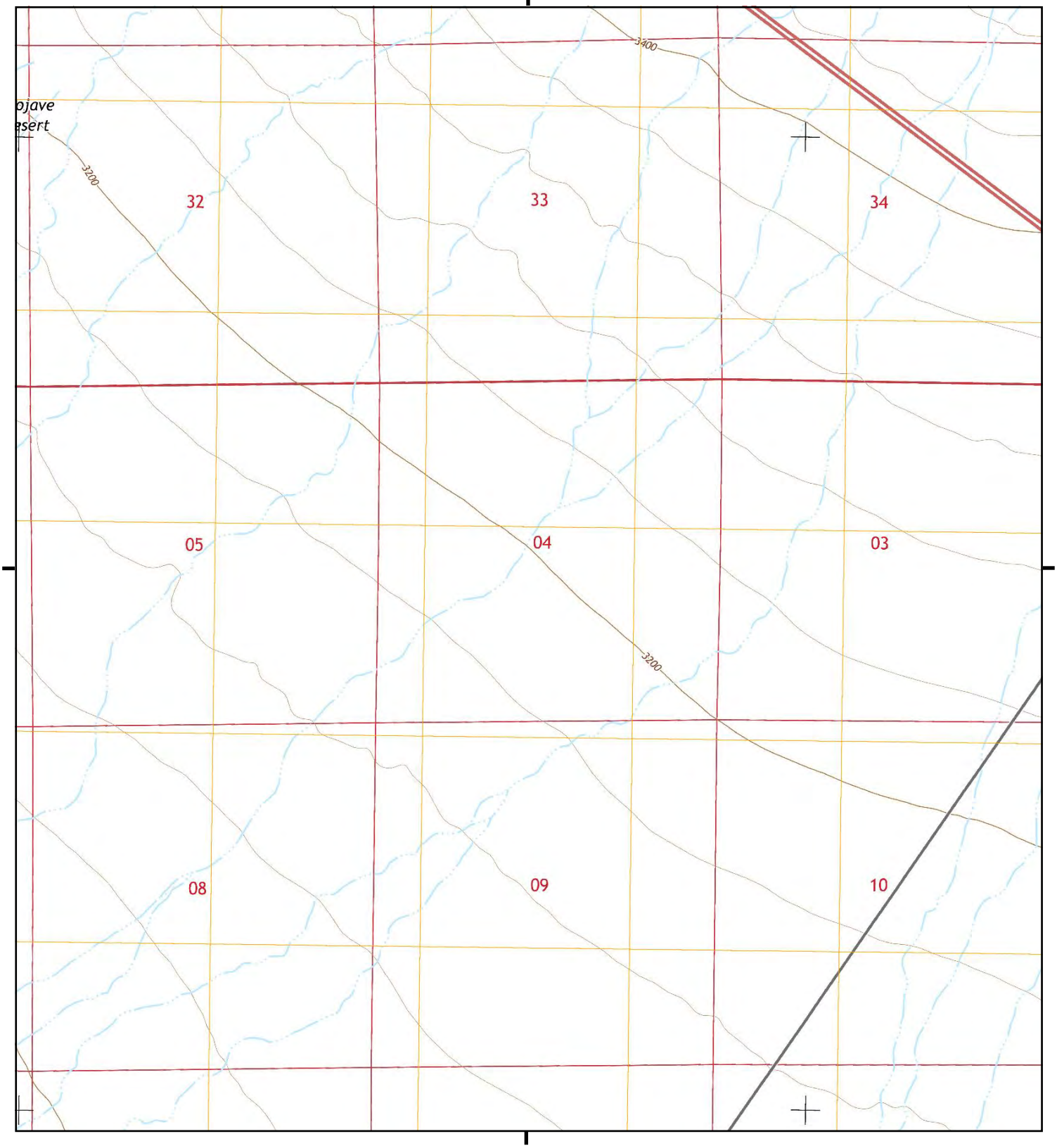
TP, Hidden Hills Ranch, 2015, 7.5-minute
S, Stump Spring, 2015, 7.5-minute

SITE NAME: Bonanza Peak
ADDRESS: Bonanza Peak
Tecopa, CA 92389
CLIENT: Ninyo & Moore

N

Historical Topo Map

2015



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

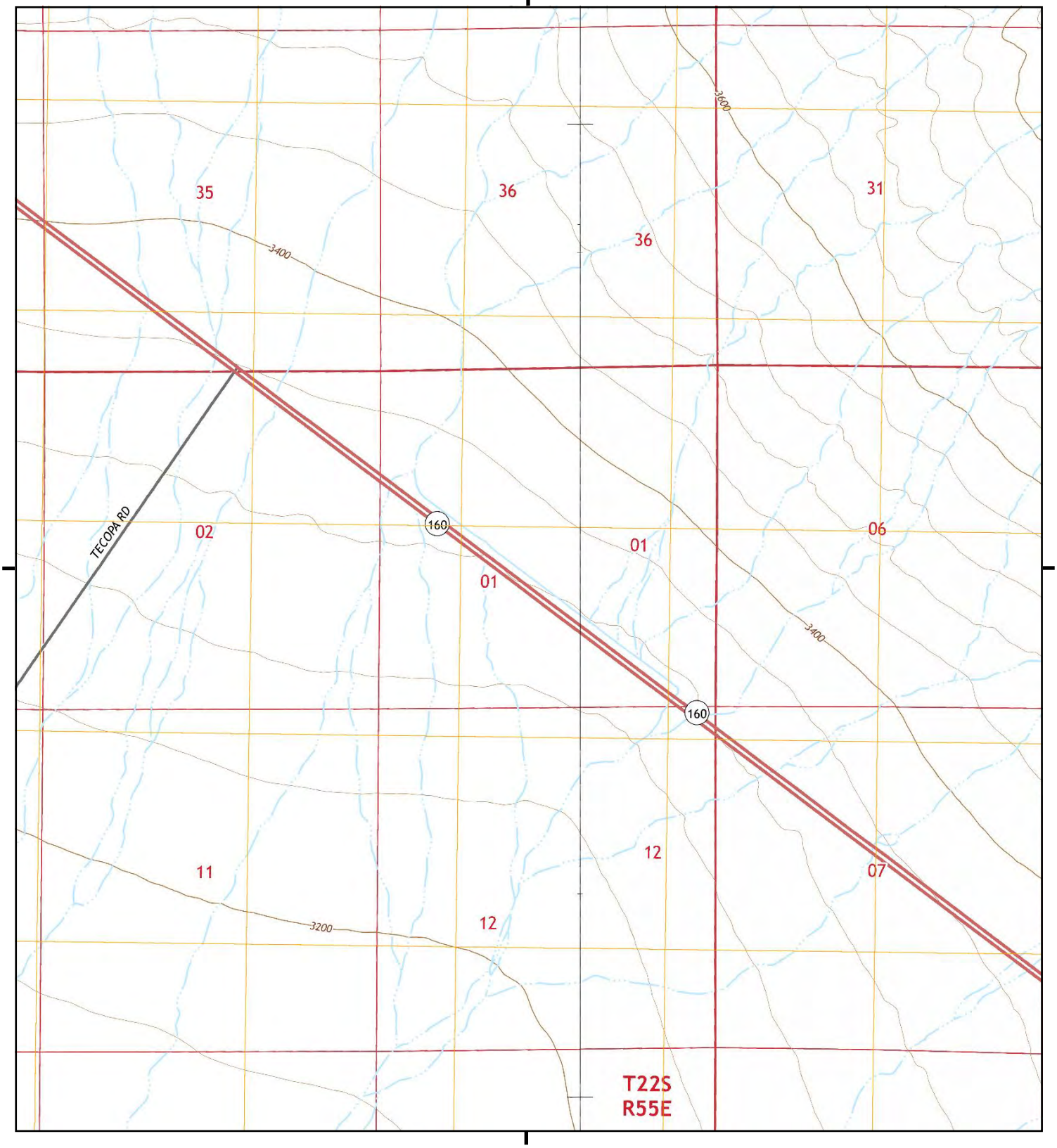
TP, Hidden Hills Ranch, 2015, 7.5-minute

SITE NAME: Bonanza Peak
ADDRESS: Bonanza Peak
Tecopa, CA 92389
CLIENT: Ninyo & Moore

N

Historical Topo Map

2015, 2014



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

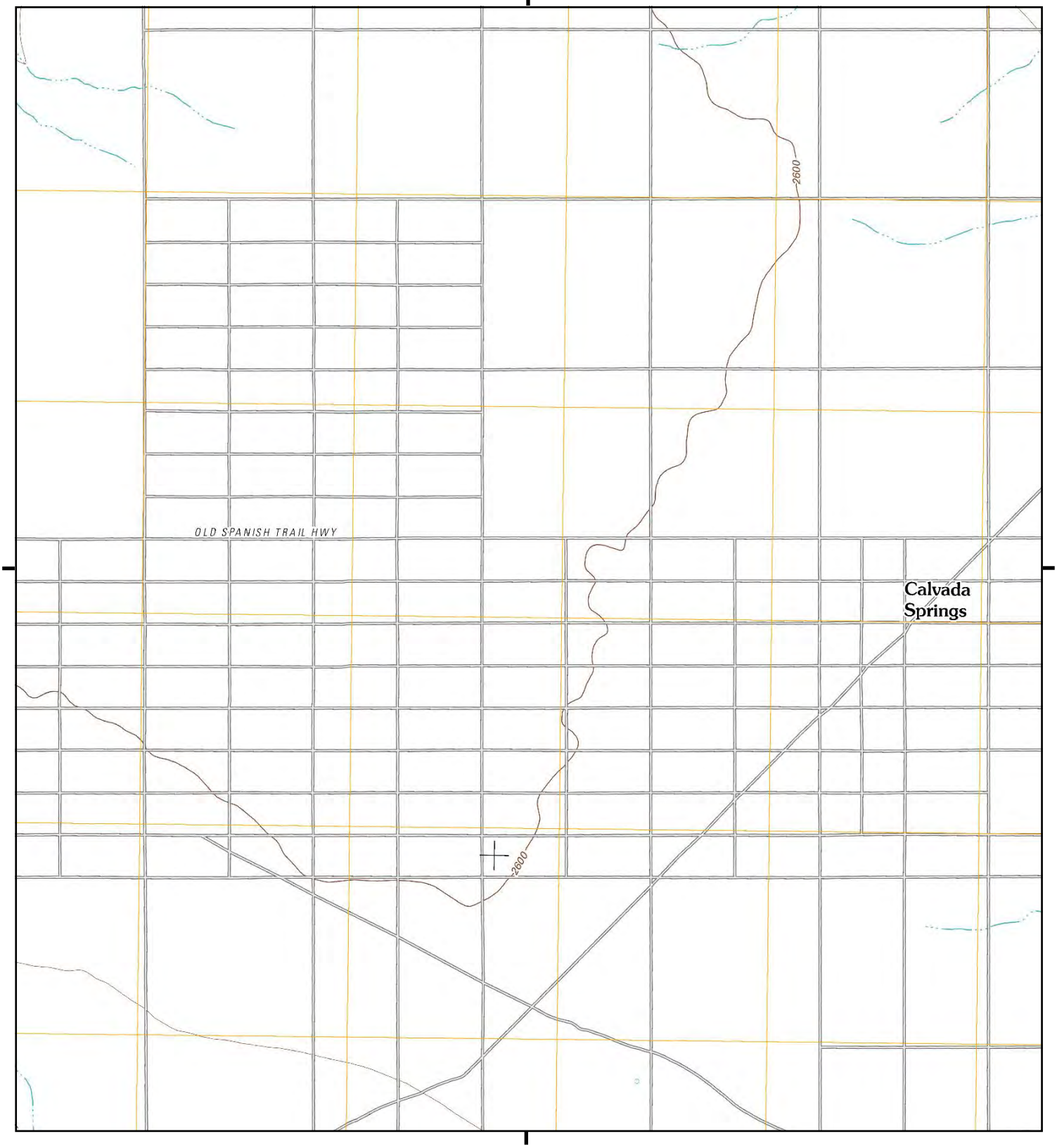
TP, Hidden Hills Ranch, 2015, 7.5-minute
E, Lost Cabin Spring, 2014, 7.5-minute

SITE NAME: Bonanza Peak
ADDRESS: Bonanza Peak
Tecopa, CA 92389
CLIENT: Ninyo & Moore

N

Historical Topo Map

2012



This report includes information from the following map sheet(s).

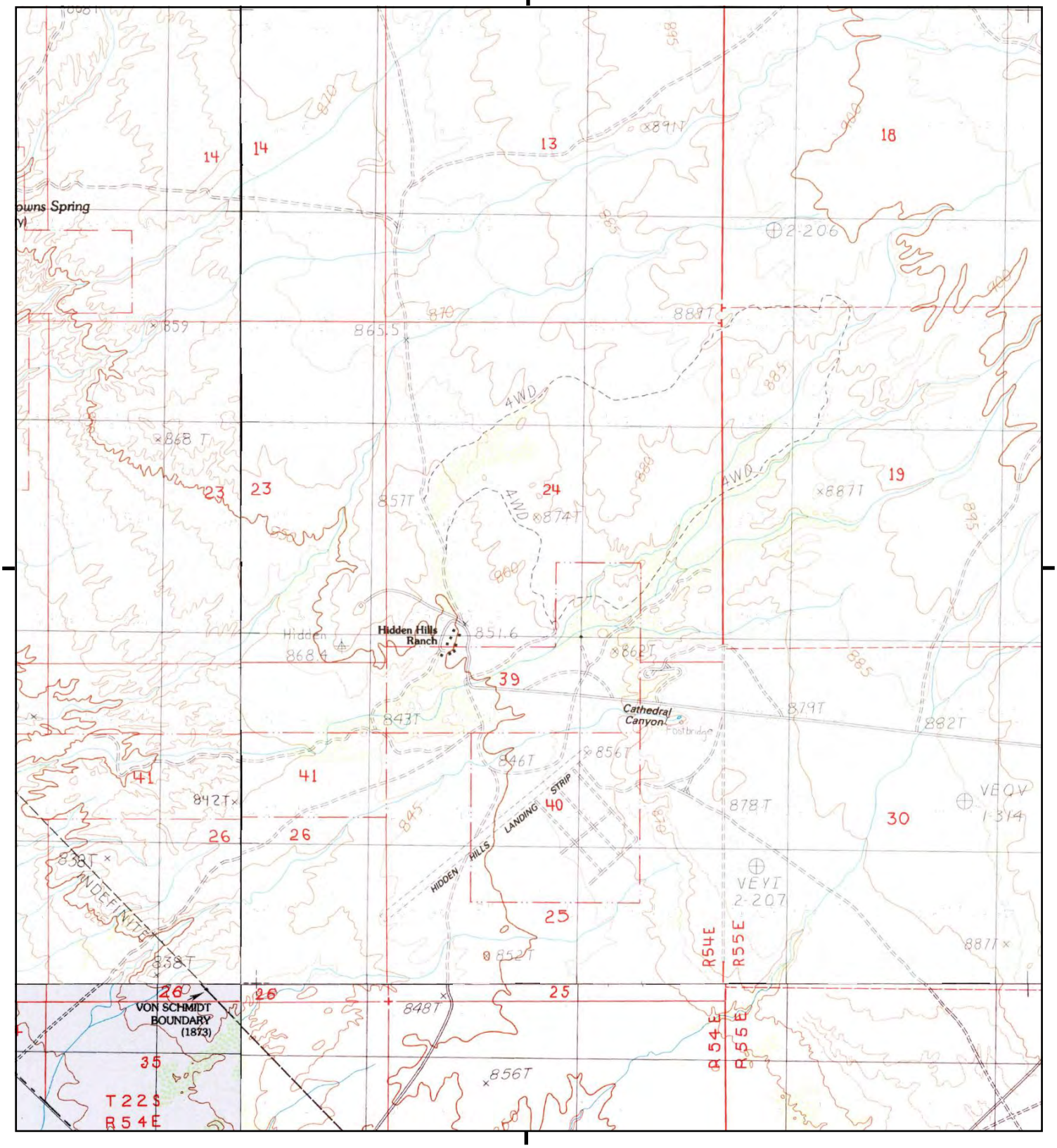
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Calvada Springs, 2012, 7.5-minute

SITE NAME: Bonanza Peak
ADDRESS: Bonanza Peak
Tecopa, CA 92389
CLIENT: Ninyo & Moore

N



This report includes information from the following map sheet(s).

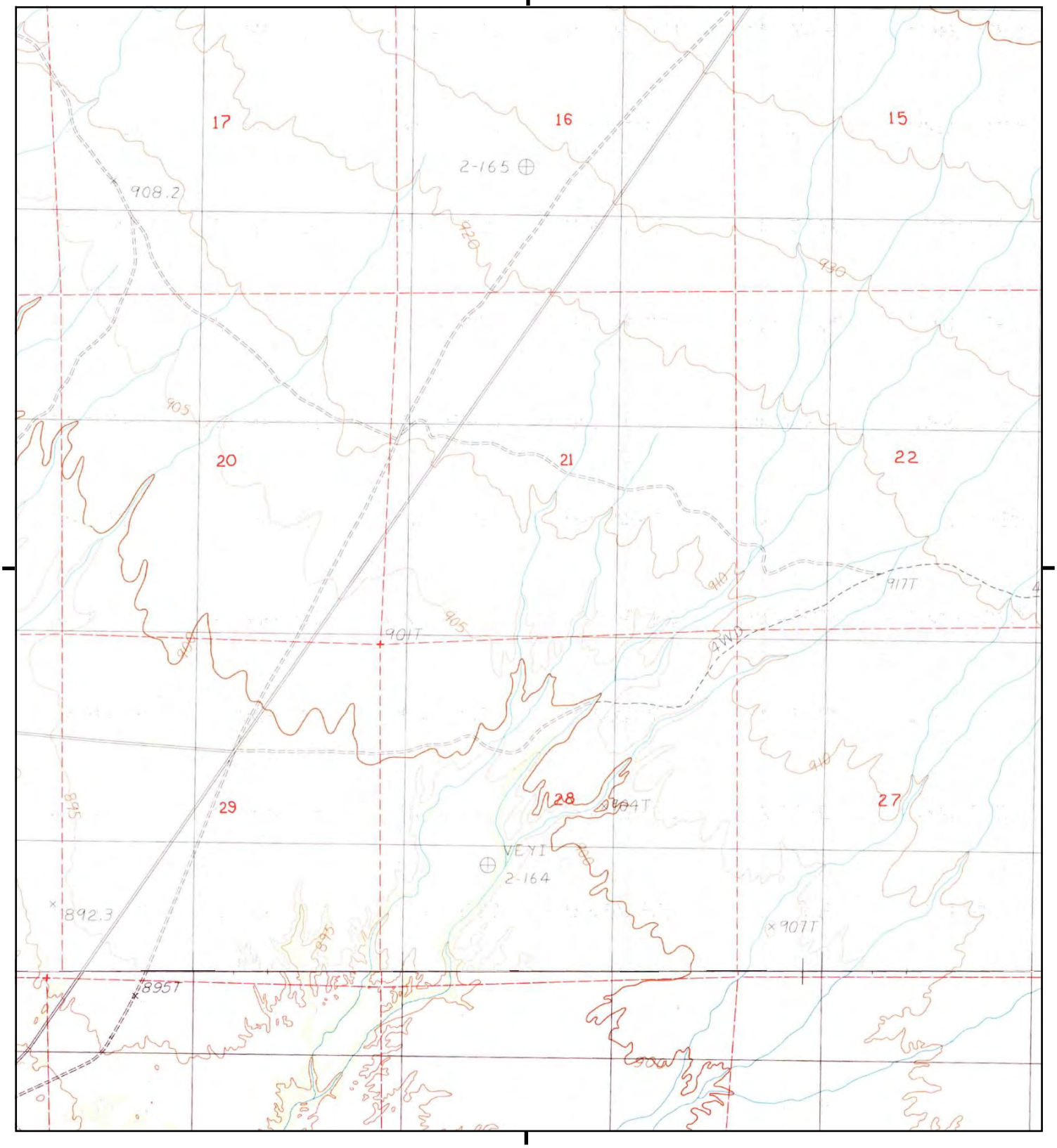
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

SE, Stump Spring, 1984, 7.5-minute
SW, Calvada Springs, 1984, 7.5-minute
NW, Mound Spring, 1984, 7.5-minute
T, Hidden Hills Ranch, 1984, 7.5-minute

SITE NAME: Bonanza Peak
ADDRESS: Bonanza Peak
Tecopa, CA 92389
CLIENT: Ninyo & Moore

N



This report includes information from the following map sheet(s).

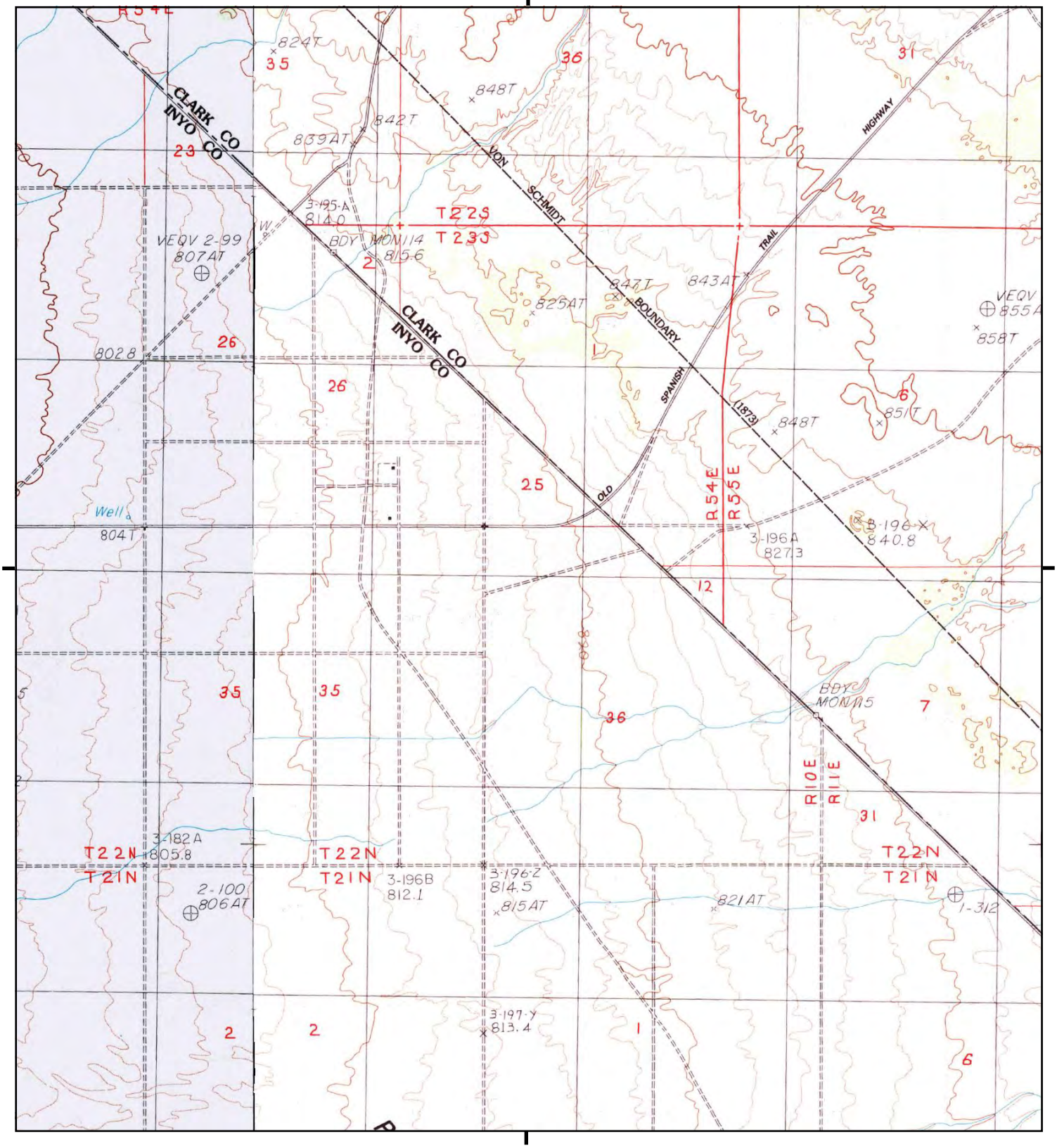
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NW N NE
W E
SW S SE

TP, Hidden Hills Ranch, 1984, 7.5-minute
S, Stump Spring, 1984, 7.5-minute

SITE NAME: Bonanza Peak
ADDRESS: Bonanza Peak
Tecopa, CA 92389
CLIENT: Ninyo & Moore

N



This report includes information from the following map sheet(s).

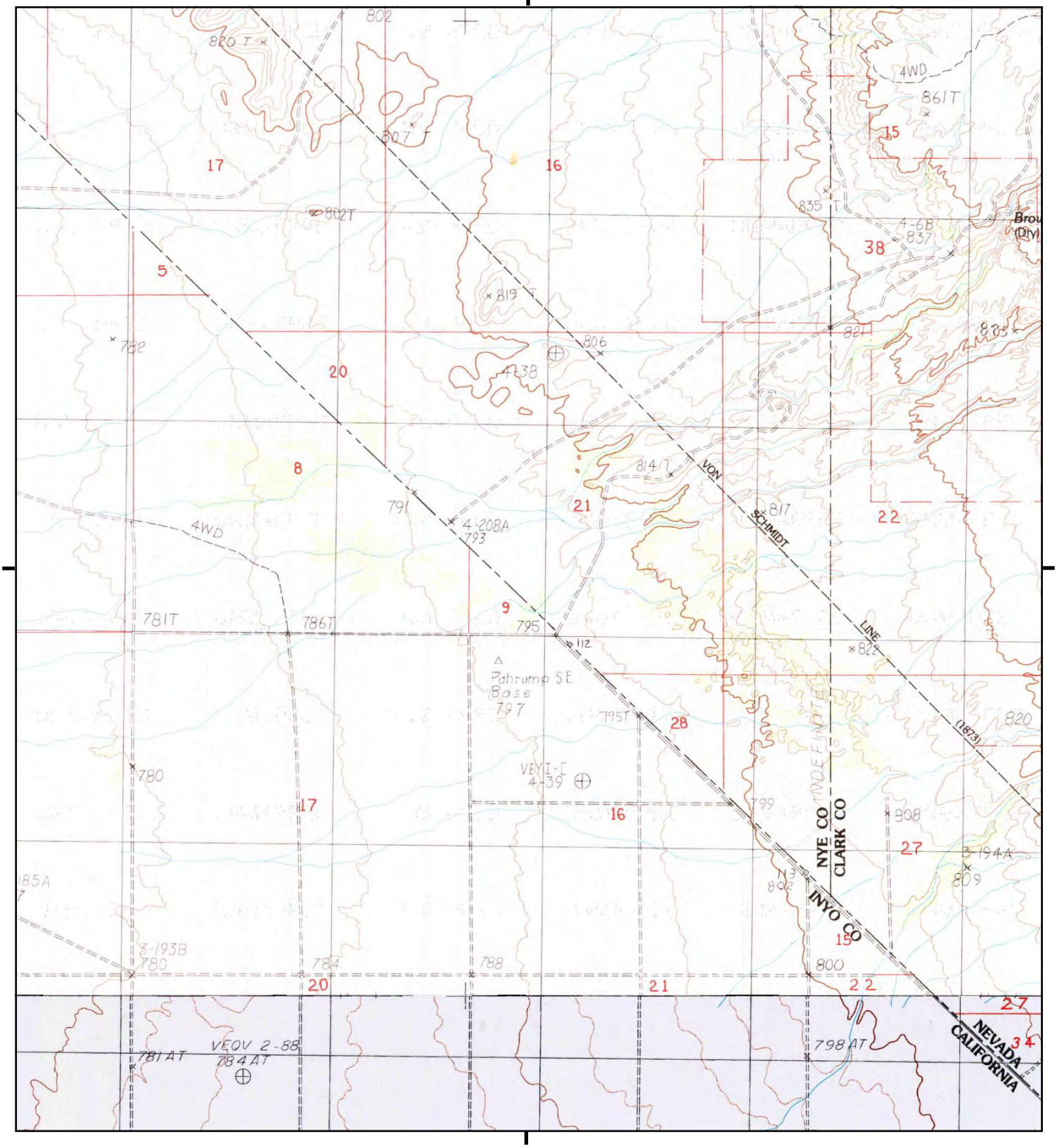
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Stump Spring, 1984, 7.5-minute
SW, Calvada Springs, 1984, 7.5-minute

SITE NAME: Bonanza Peak
ADDRESS: Bonanza Peak
Tecopa, CA 92389
CLIENT: Ninyo & Moore

N



This report includes information from the following map sheet(s).

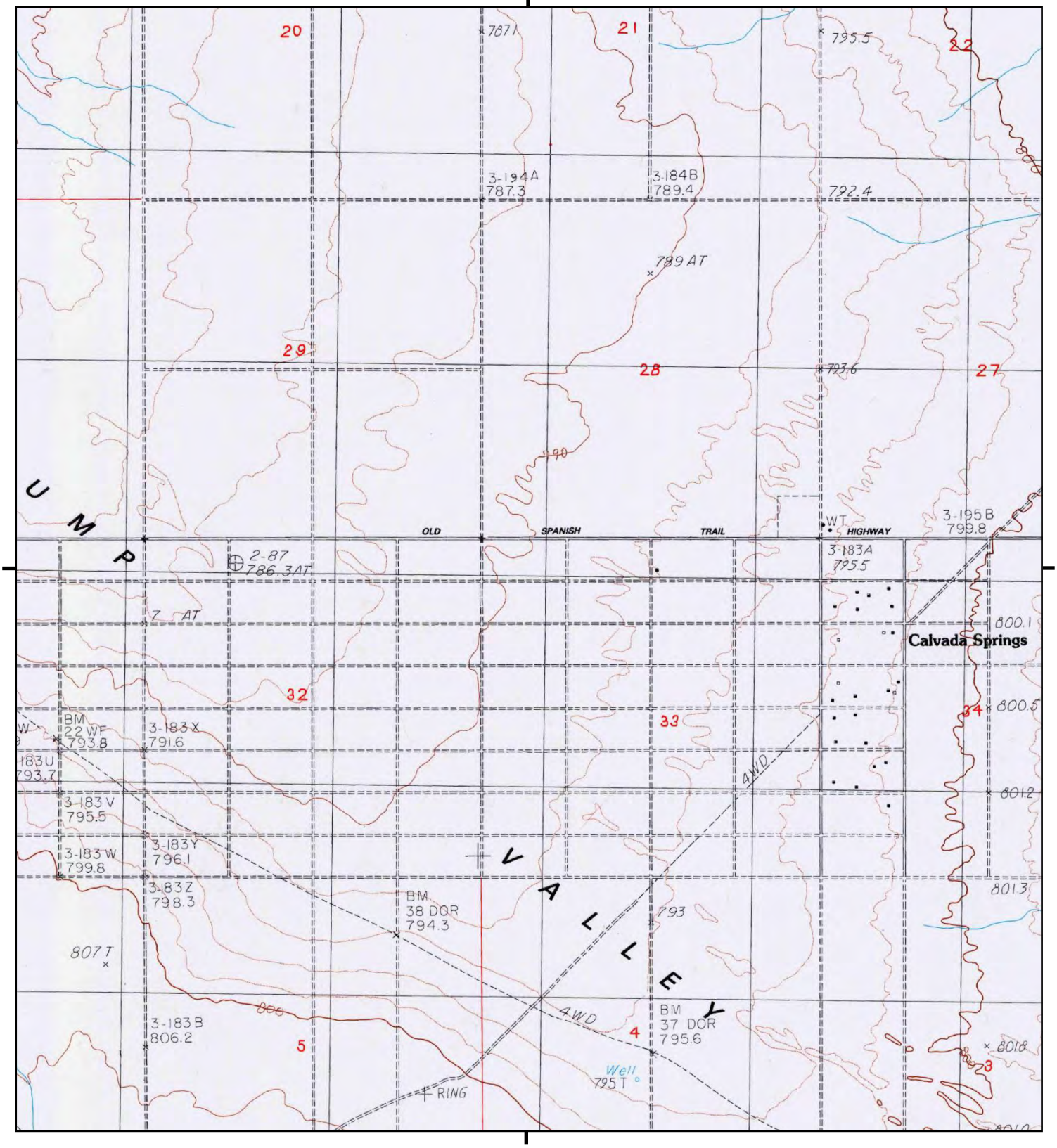
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mound Spring, 1984, 7.5-minute
S, Calvada Springs, 1984, 7.5-minute

SITE NAME: Bonanza Peak
ADDRESS: Bonanza Peak
Tecopa, CA 92389
CLIENT: Ninyo & Moore

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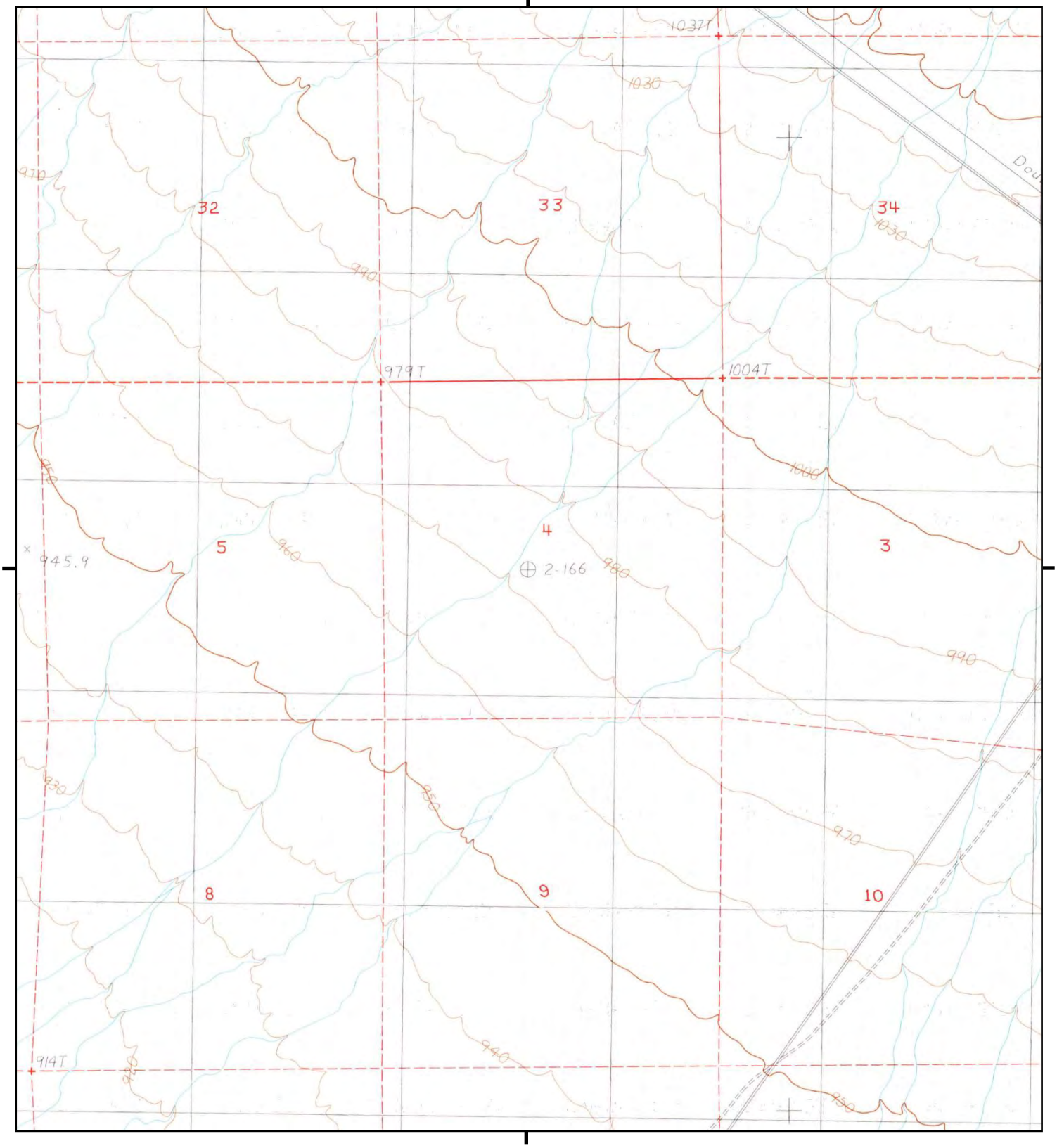
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Calvada Springs, 1984, 7.5-minute

SITE NAME: Bonanza Peak
ADDRESS: Bonanza Peak
Tecopa, CA 92389
CLIENT: Ninyo & Moore

N



This report includes information from the following map sheet(s).

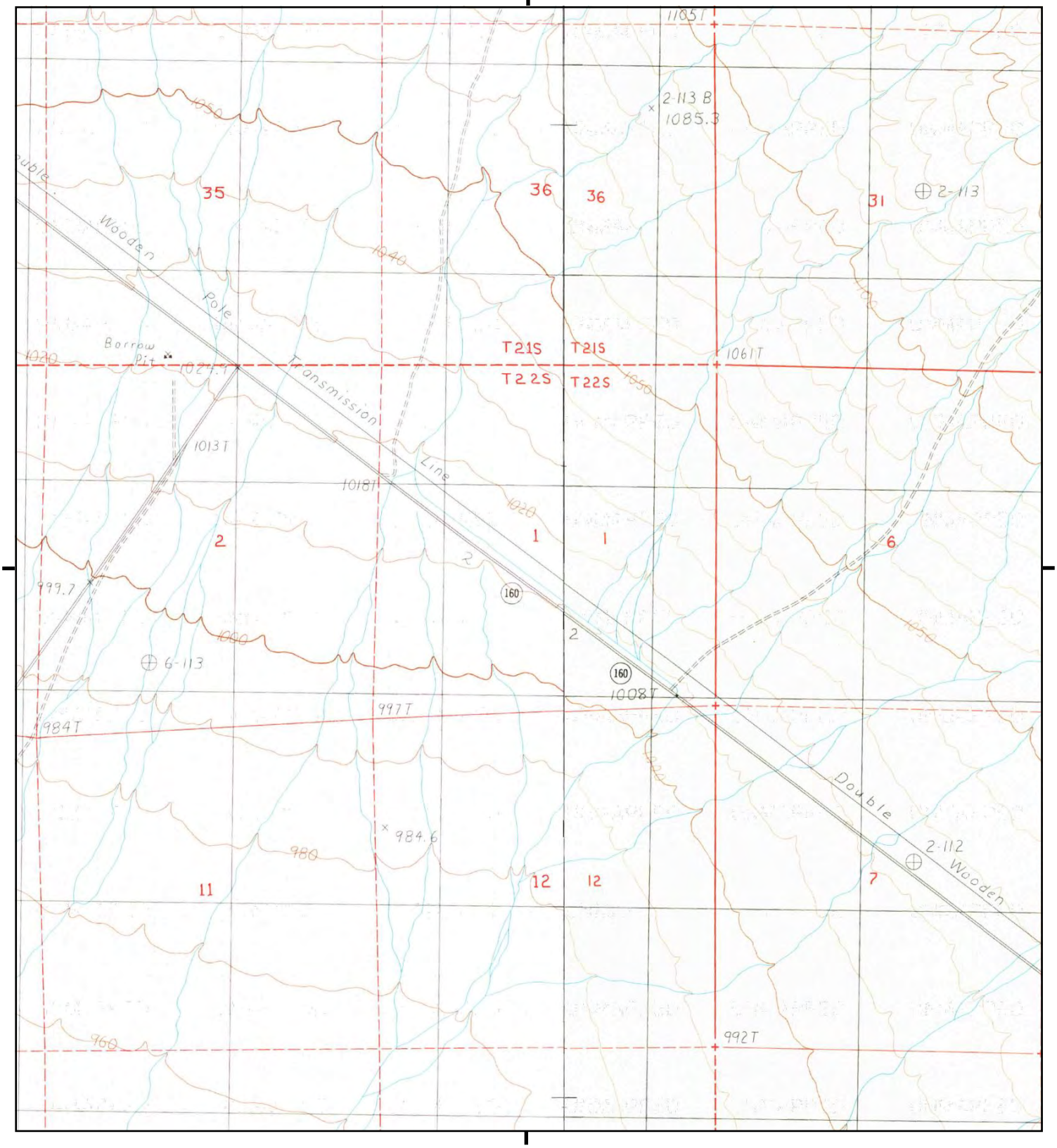
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Hidden Hills Ranch, 1984, 7.5-minute

SITE NAME: Bonanza Peak
ADDRESS: Bonanza Peak
Tecopa, CA 92389
CLIENT: Ninyo & Moore

N



This report includes information from the following map sheet(s).

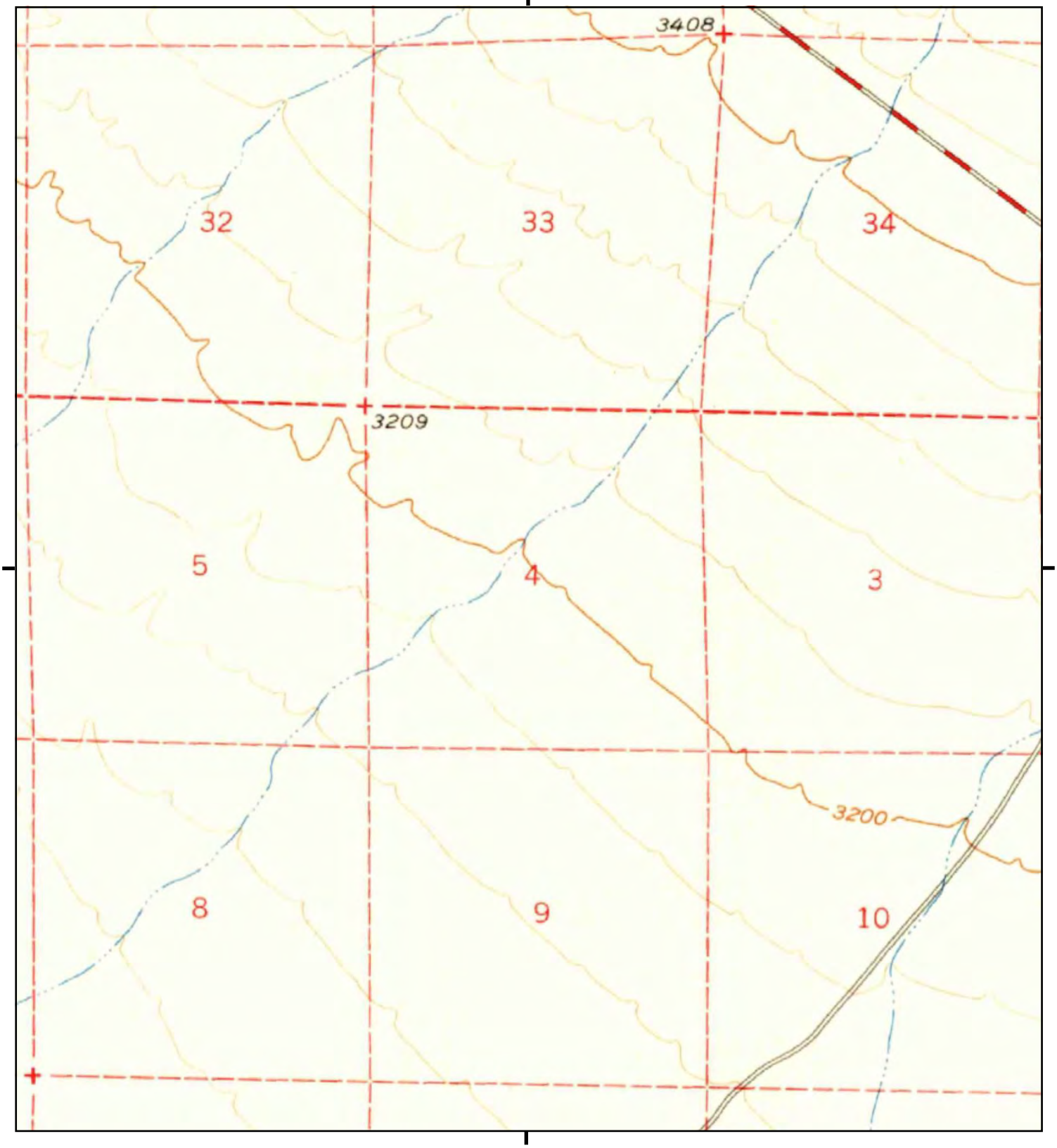
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NW N NE
W E
SW S SE

TP, Hidden Hills Ranch, 1984, 7.5-minute
E, Lost Cabin Spring, 1984, 7.5-minute

SITE NAME: Bonanza Peak
ADDRESS: Bonanza Peak
Tecopa, CA 92389
CLIENT: Ninyo & Moore

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This report includes information from the following map sheet(s).

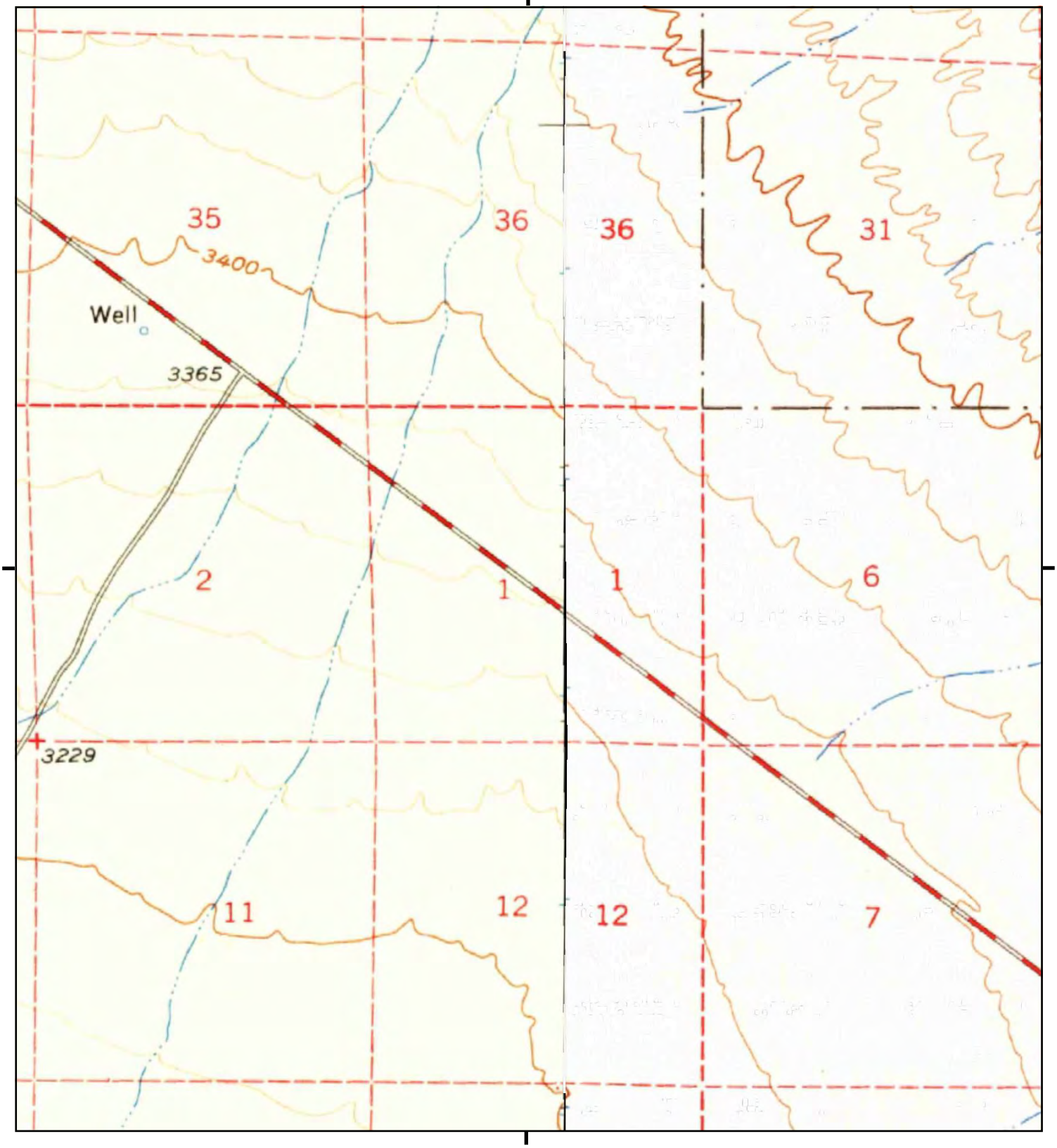
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Pahrump, 1958, 15-minute

SITE NAME: Bonanza Peak
ADDRESS: Bonanza Peak
Tecopa, CA 92389
CLIENT: Ninyo & Moore

N



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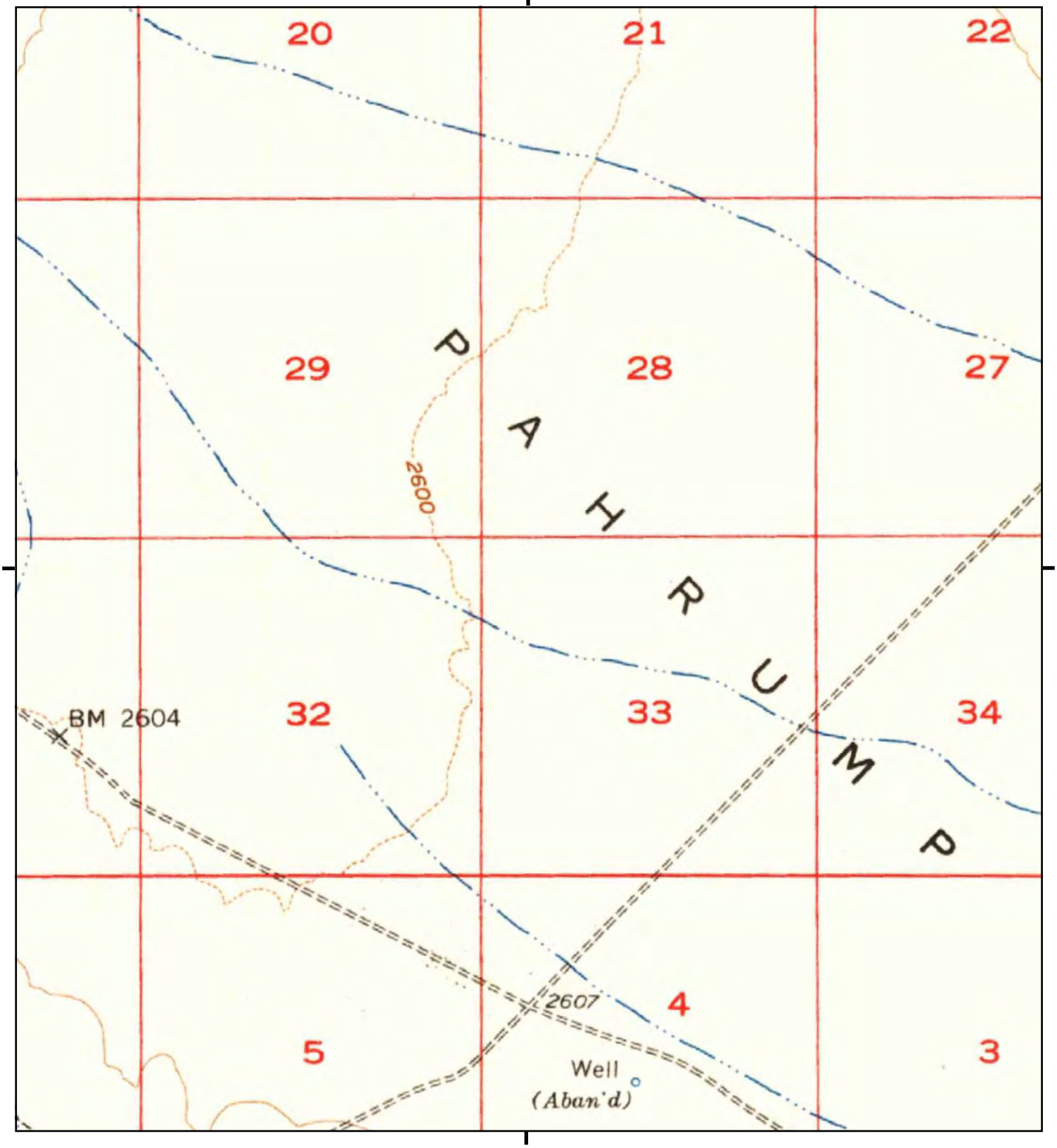
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NW N NE
W E
SW S SE

TP, Pahrump, 1958, 15-minute
NE, Mountain Springs, 1957, 15-minute

SITE NAME: Bonanza Peak
ADDRESS: Bonanza Peak
Tecopa, CA 92389
CLIENT: Ninyo & Moore

N



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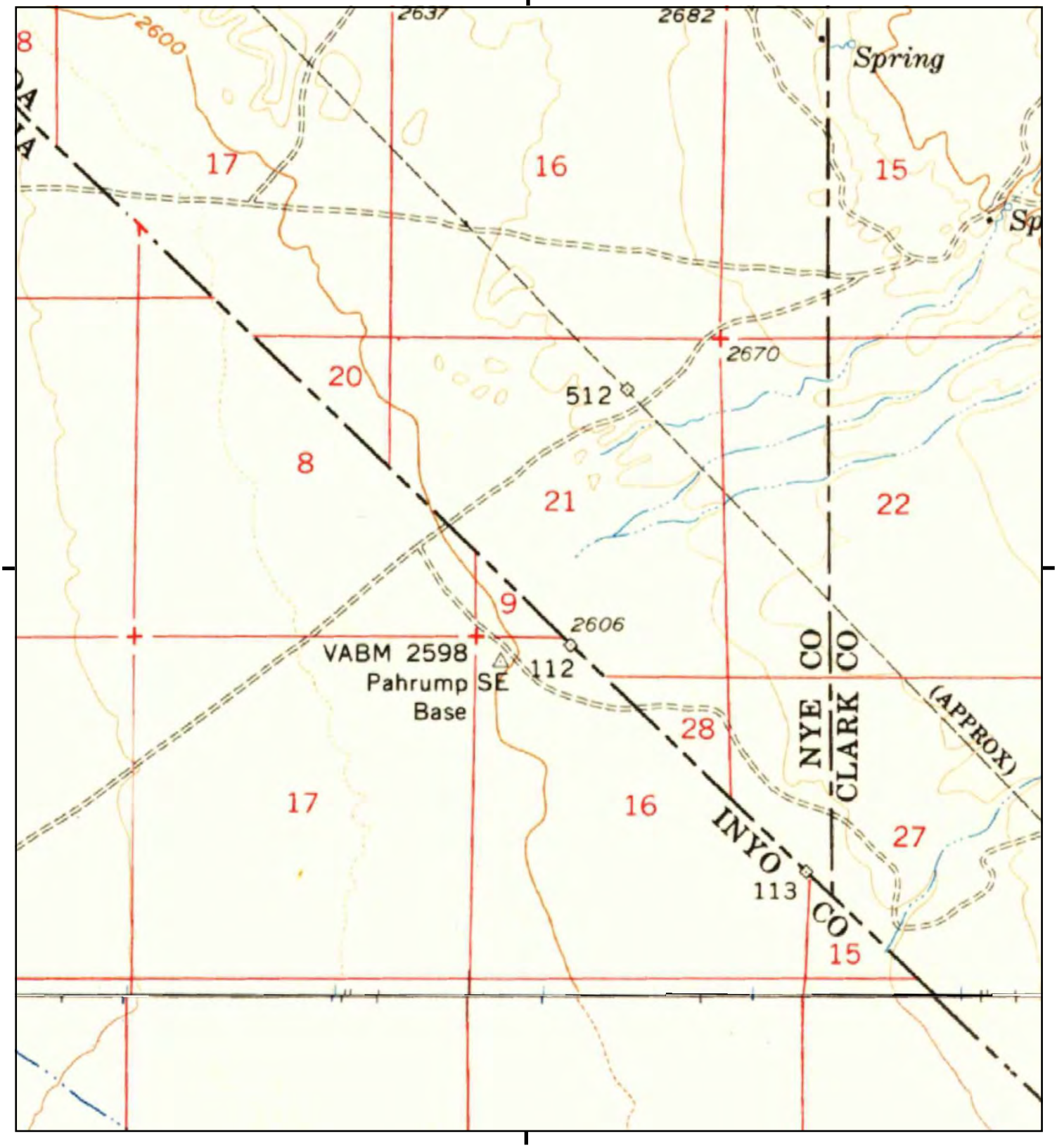
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Horse Thief Springs, 1956, 15-minute

SITE NAME: Bonanza Peak
ADDRESS: Bonanza Peak
Tecopa, CA 92389
CLIENT: Ninyo & Moore

N



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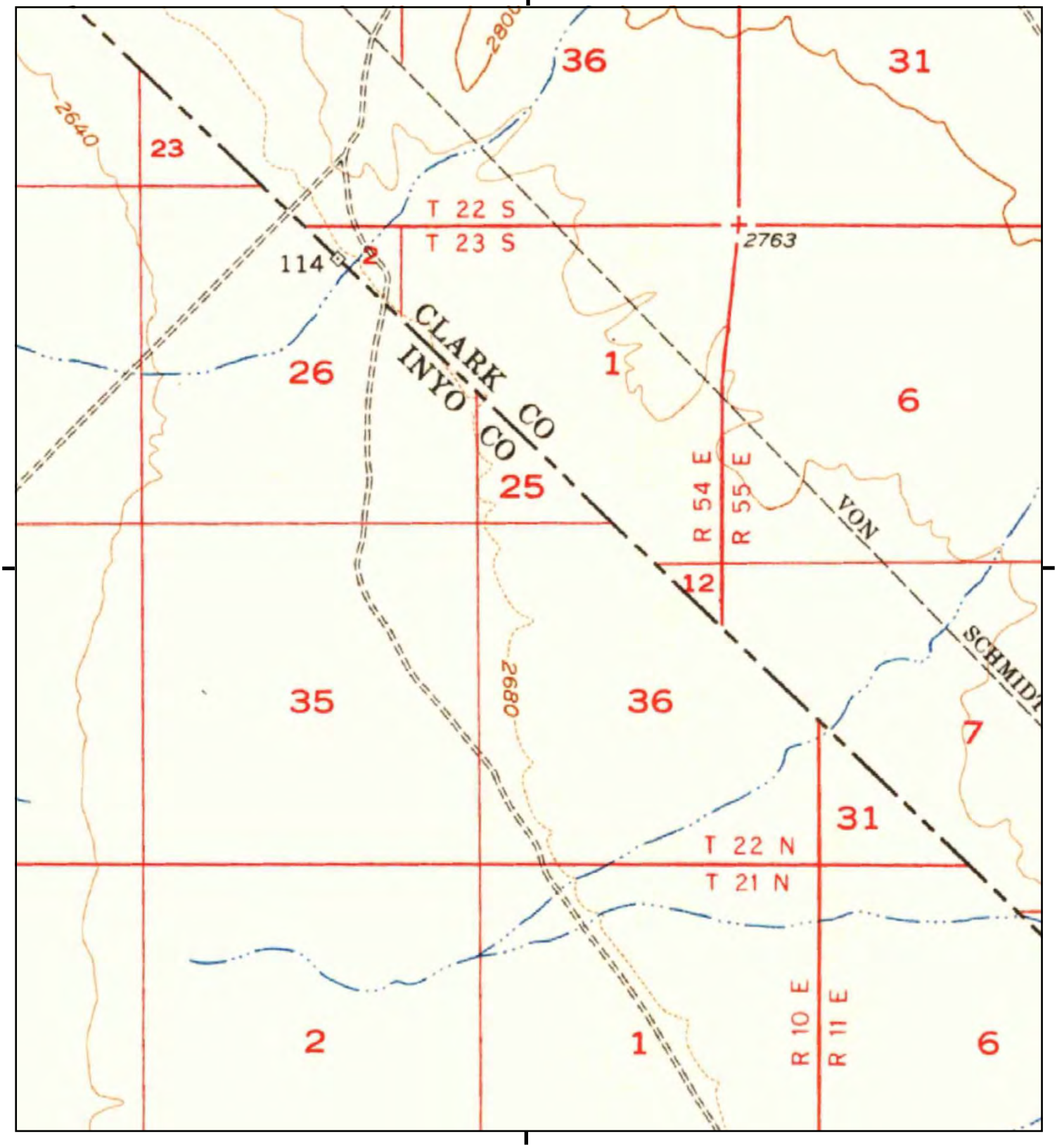
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Pahrump, 1958, 15-minute
S, Horse Thief Springs, 1956, 15-minute

SITE NAME: Bonanza Peak
ADDRESS: Bonanza Peak
Tecopa, CA 92389
CLIENT: Ninyo & Moore

N



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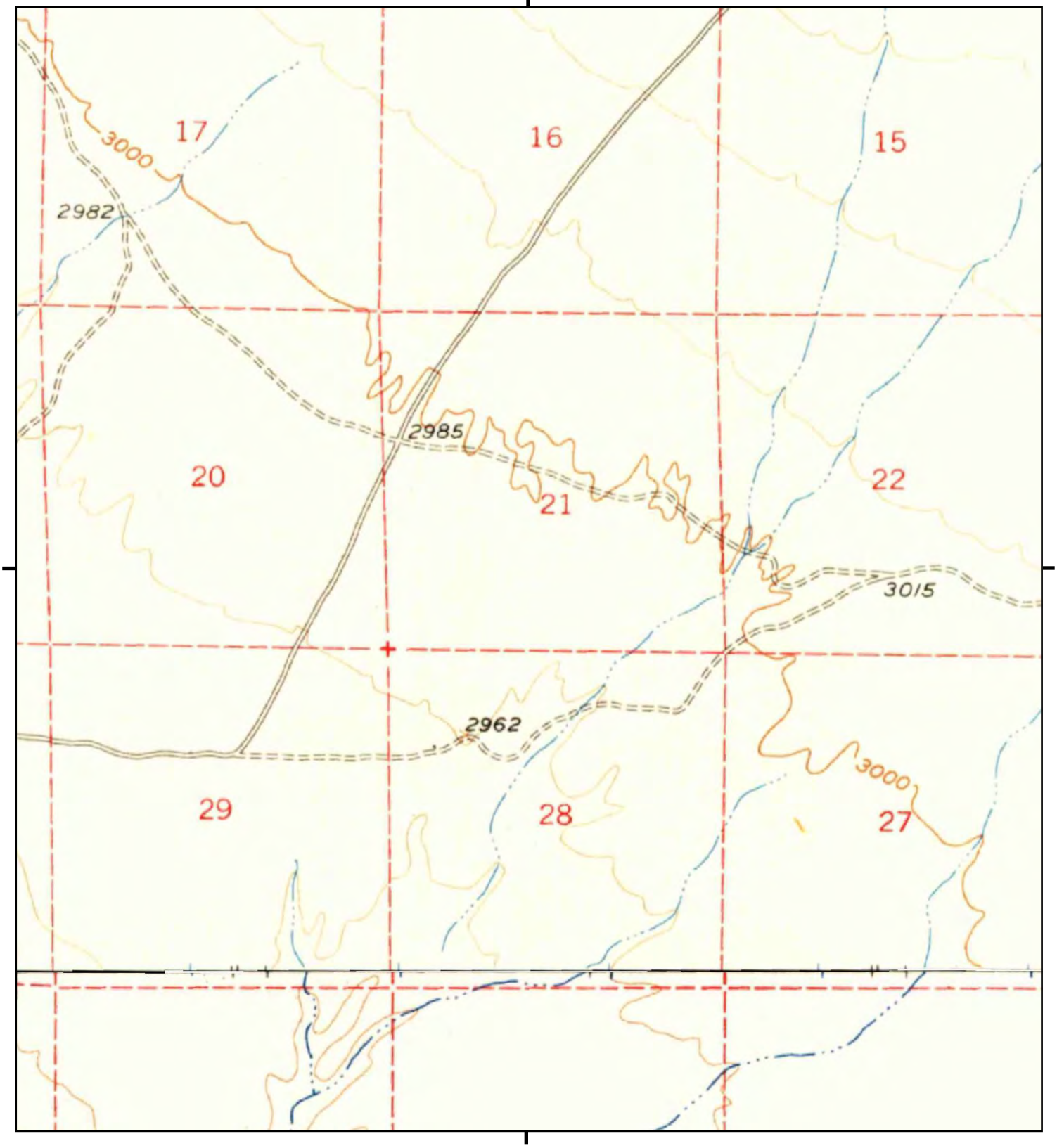
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Horse Thief Springs, 1956, 15-minute

SITE NAME: Bonanza Peak
ADDRESS: Bonanza Peak
Tecopa, CA 92389
CLIENT: Ninyo & Moore

N



This report includes information from the following map sheet(s).

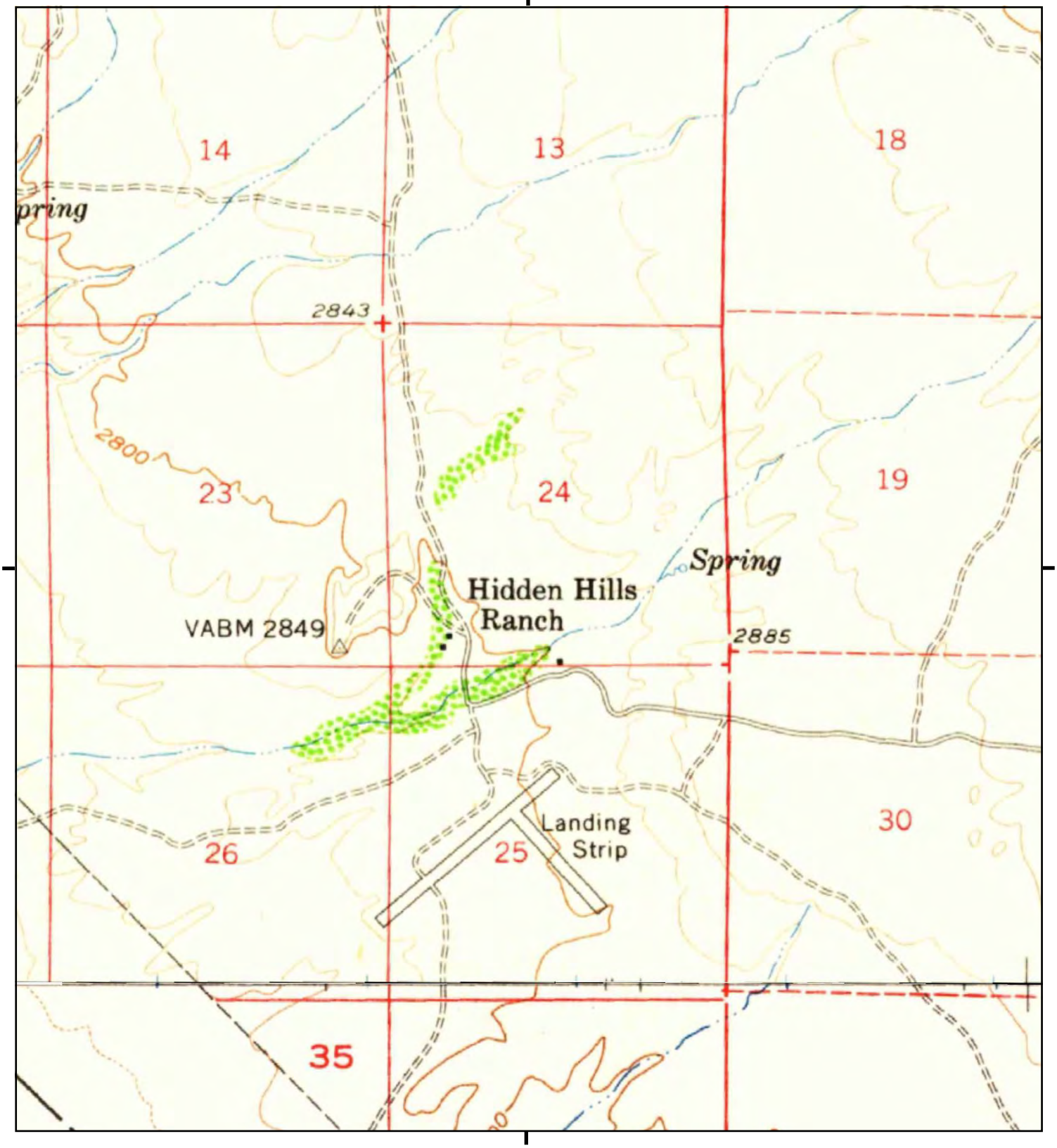
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Pahrump, 1958, 15-minute
S, Horse Thief Springs, 1956, 15-minute

SITE NAME: Bonanza Peak
ADDRESS: Bonanza Peak
Tecopa, CA 92389
CLIENT: Ninyo & Moore

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Pahrump, 1958, 15-minute
S, Horse Thief Springs, 1956, 15-minute

SITE NAME: Bonanza Peak
ADDRESS: Bonanza Peak
Tecopa, CA 92389
CLIENT: Ninyo & Moore

N

Bonanza Peak

Bonanza Peak

Tecopa, CA 92389

Inquiry Number: 7587336.6

March 08, 2024

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Date EDR Searched Historical Sources:

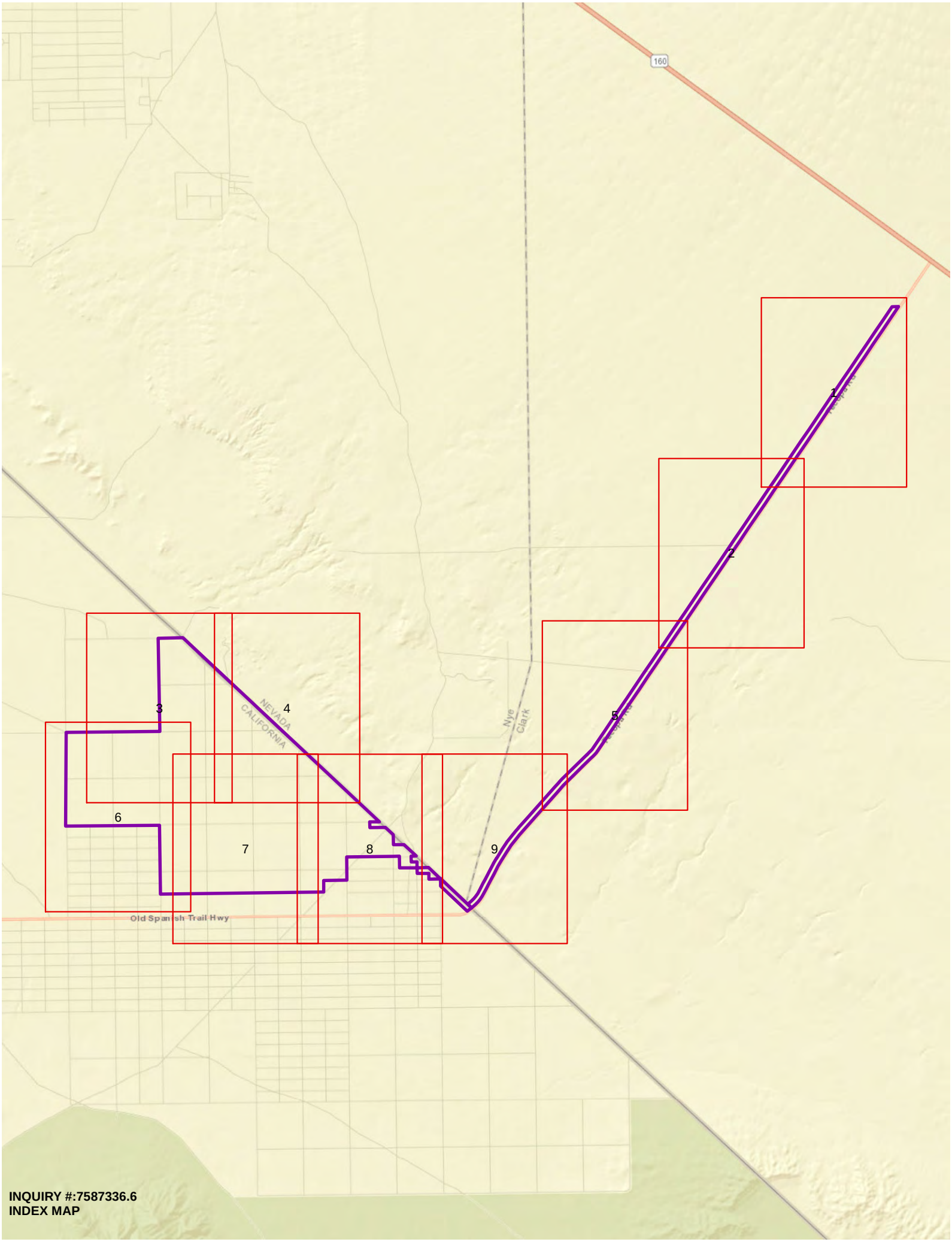
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Target Property:

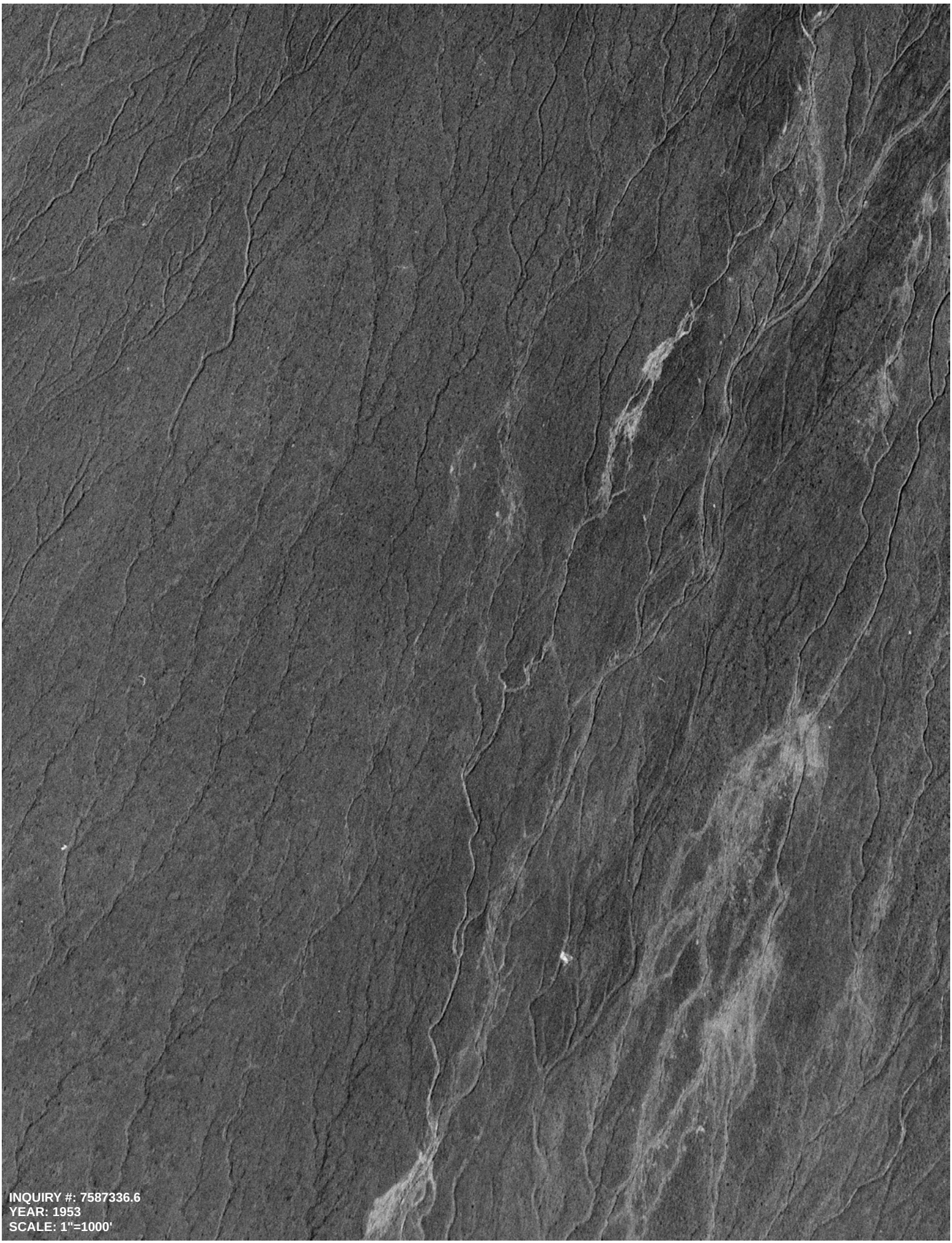
Bonanza Peack

Tecopa, CA 92389

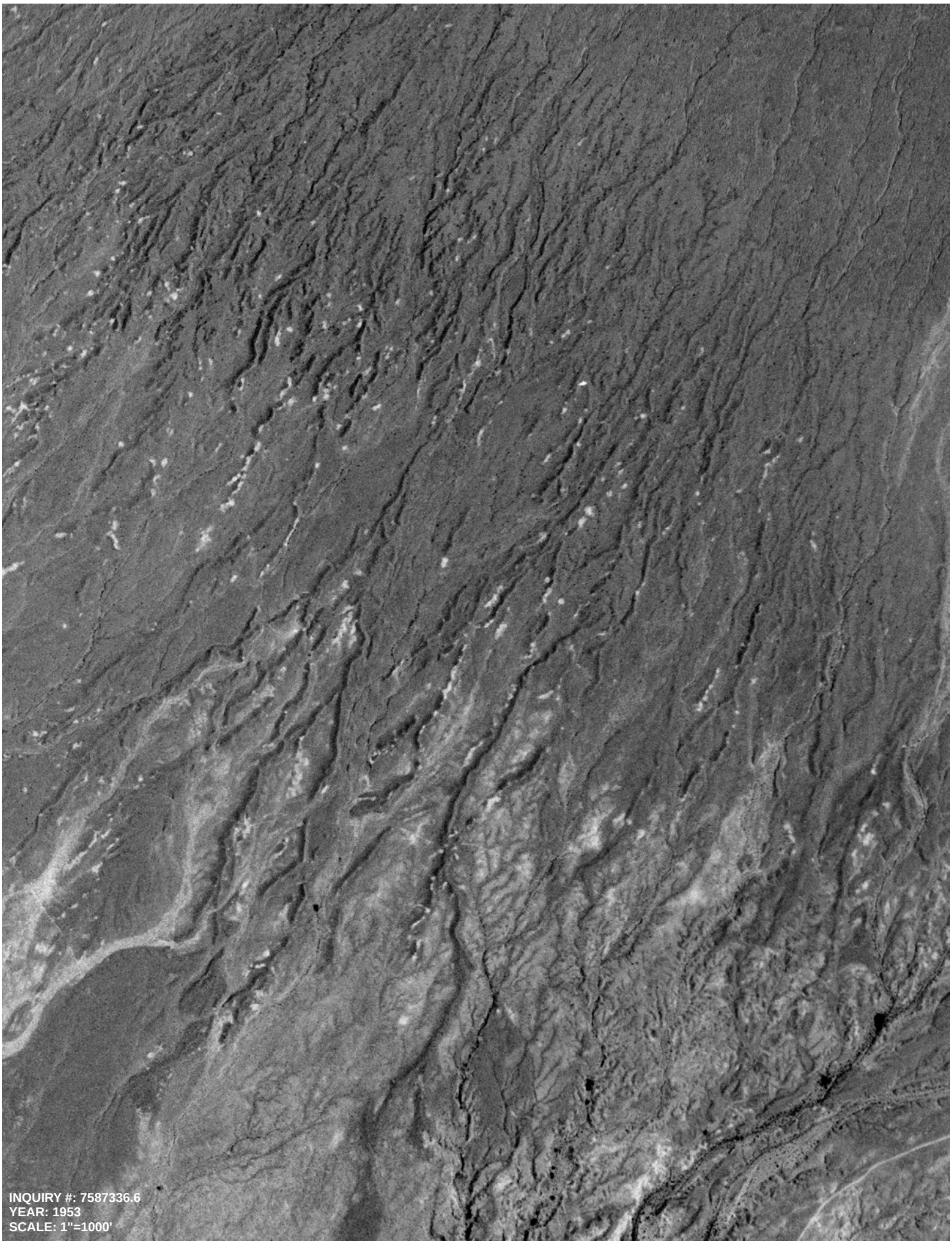
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1971	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1971	USGS
1978	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1978	USGS
1983	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1983	USDA
1994_95	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1994_95	USGS/DOQQ
2006	Aerial Photograph. Scale: 1"=1000'	Flight Year: 2006	USDA/NAIP
2010	Aerial Photograph. Scale: 1"=1000'	Flight Year: 2010	USDA/NAIP
2015	Aerial Photograph. Scale: 1"=1000'	Flight Year: 2015	USDA/NAIP
2019	Aerial Photograph. Scale: 1"=1000'	Flight Year: 2019	USDA/NAIP



INQUIRY #:7587336.6
INDEX MAP



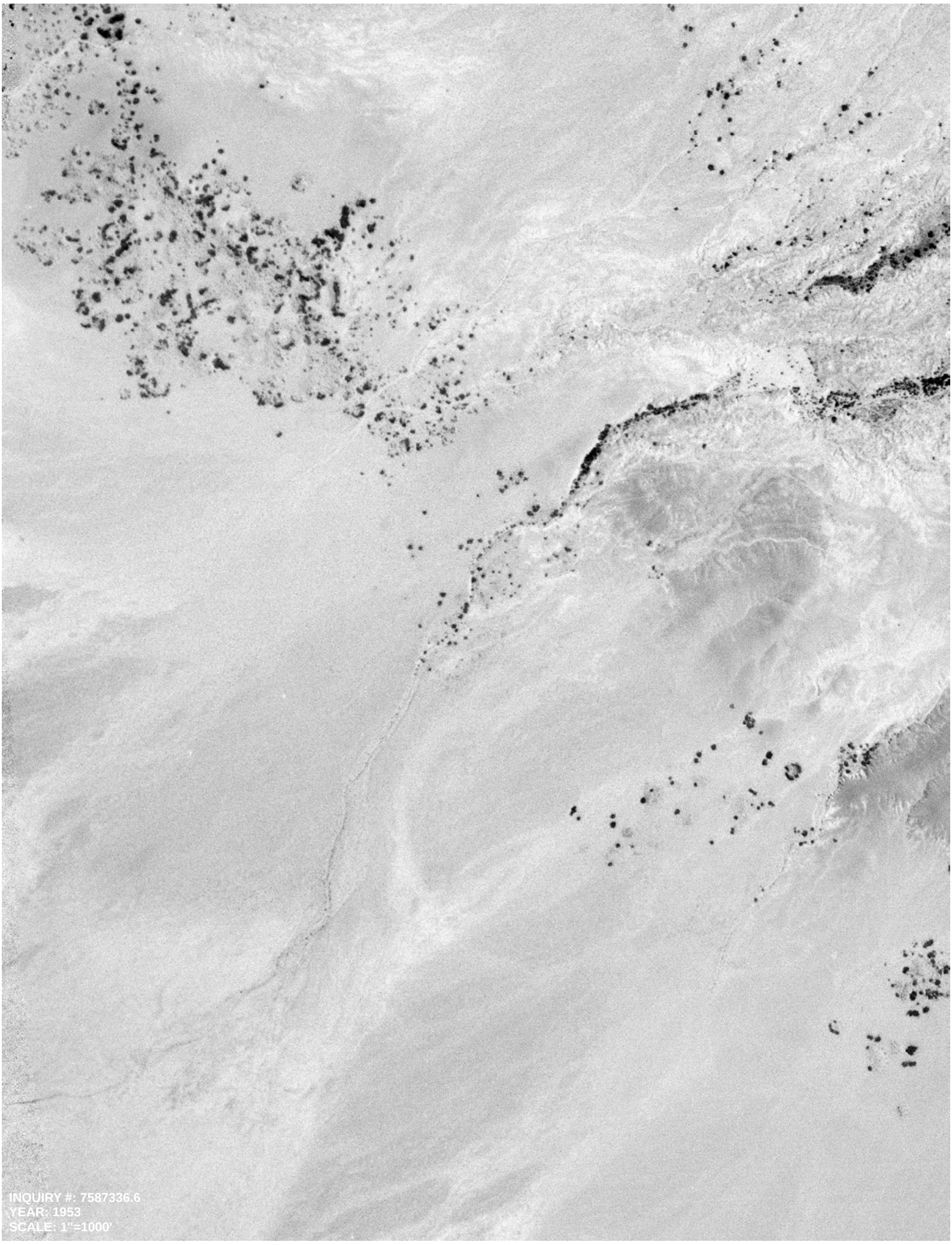
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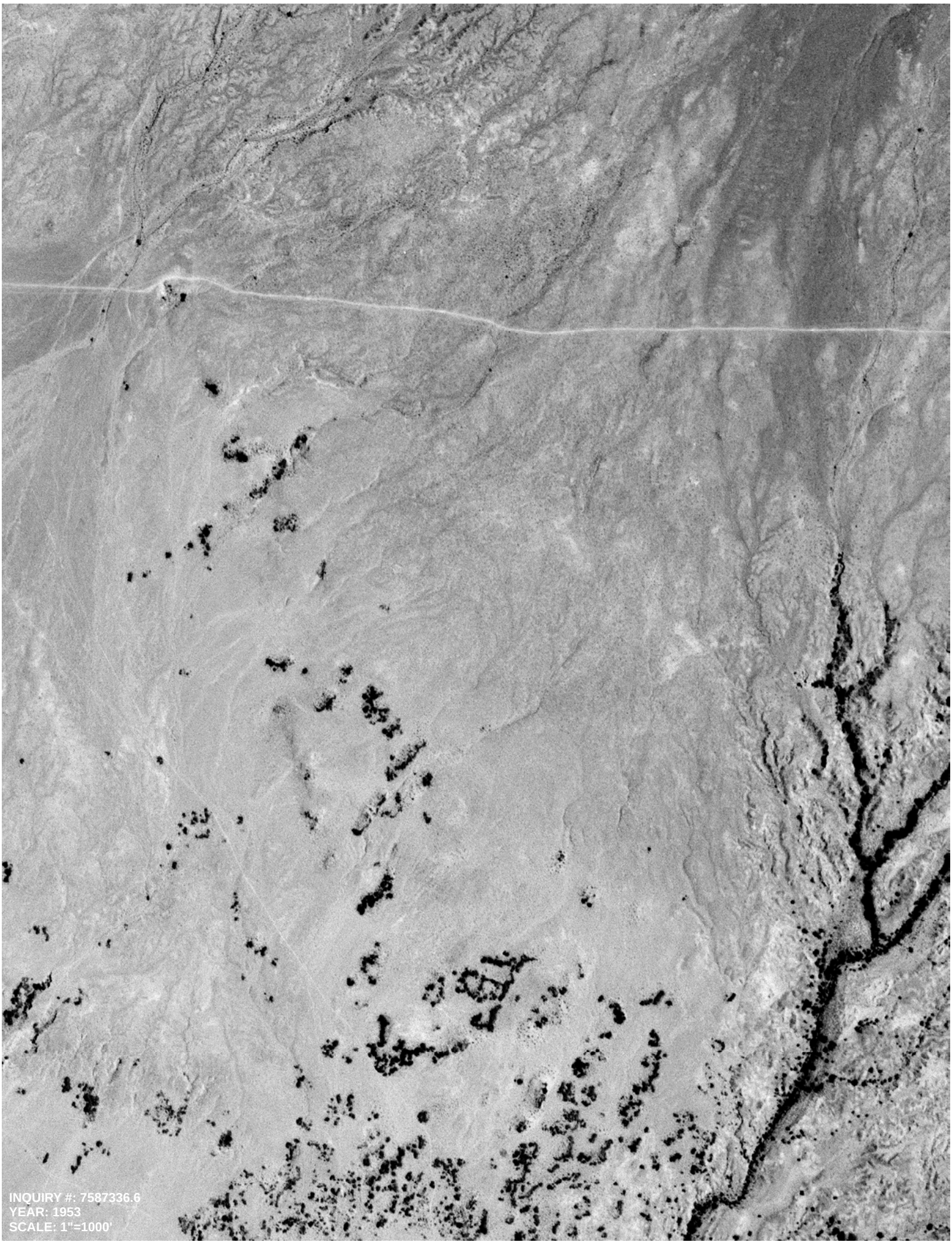
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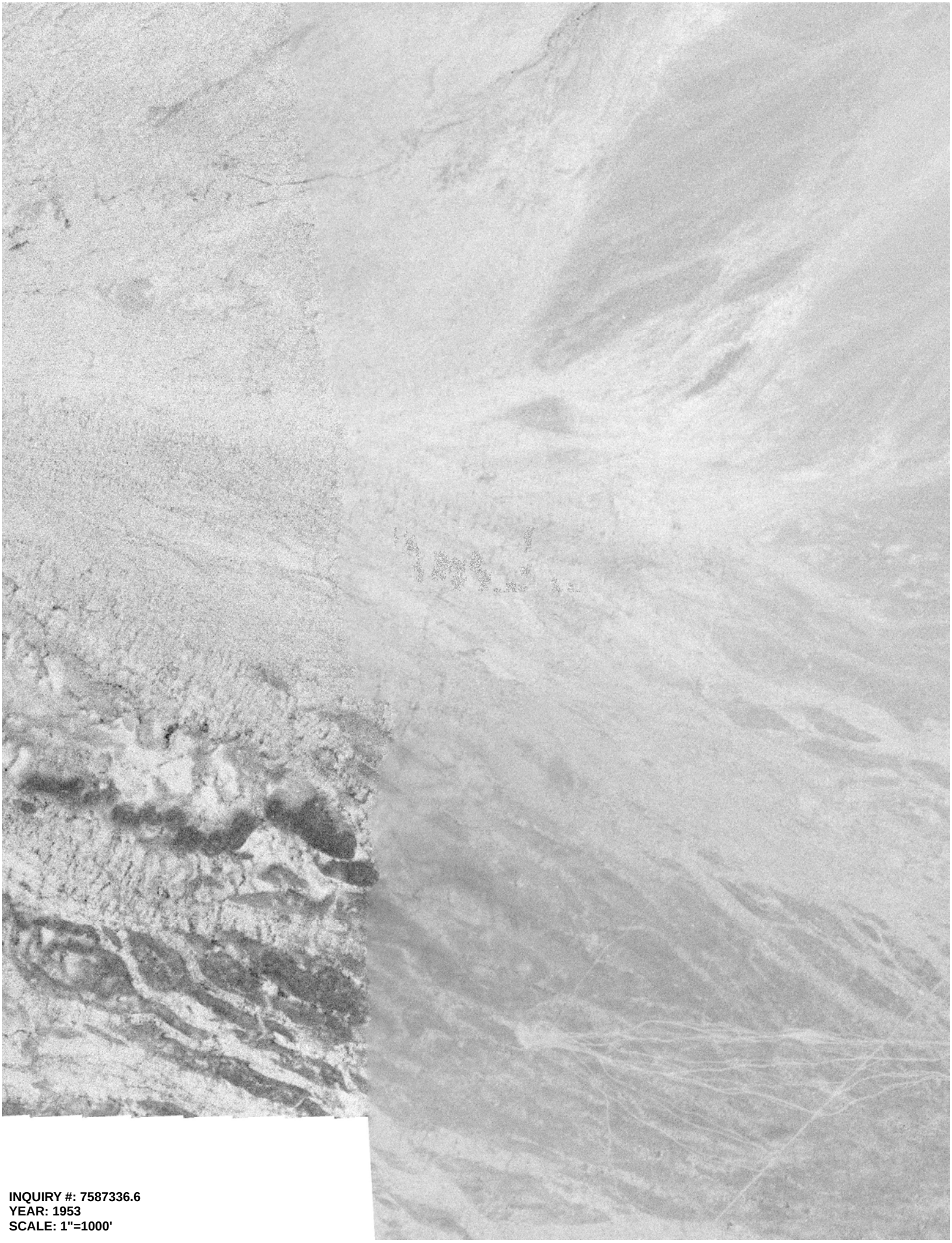


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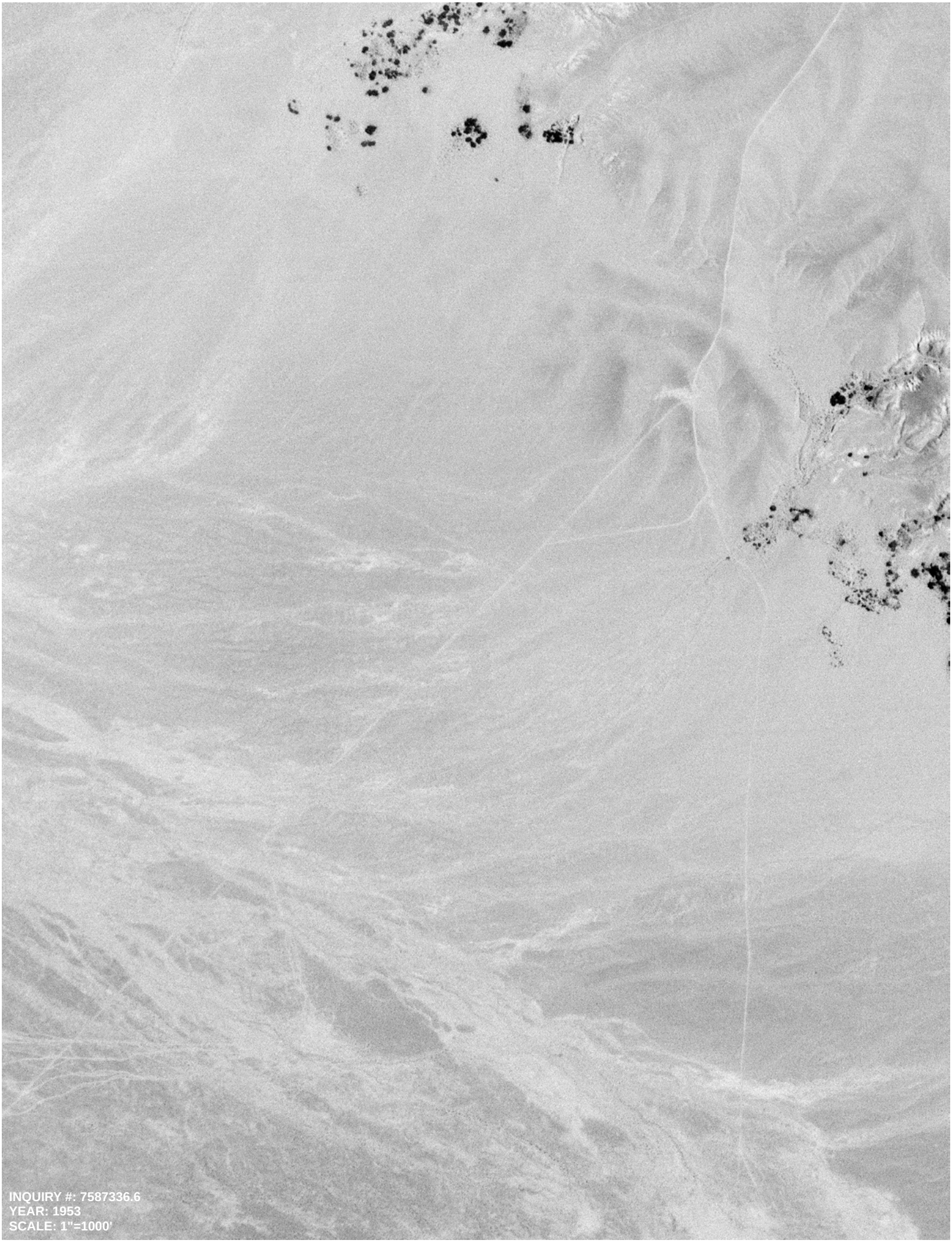

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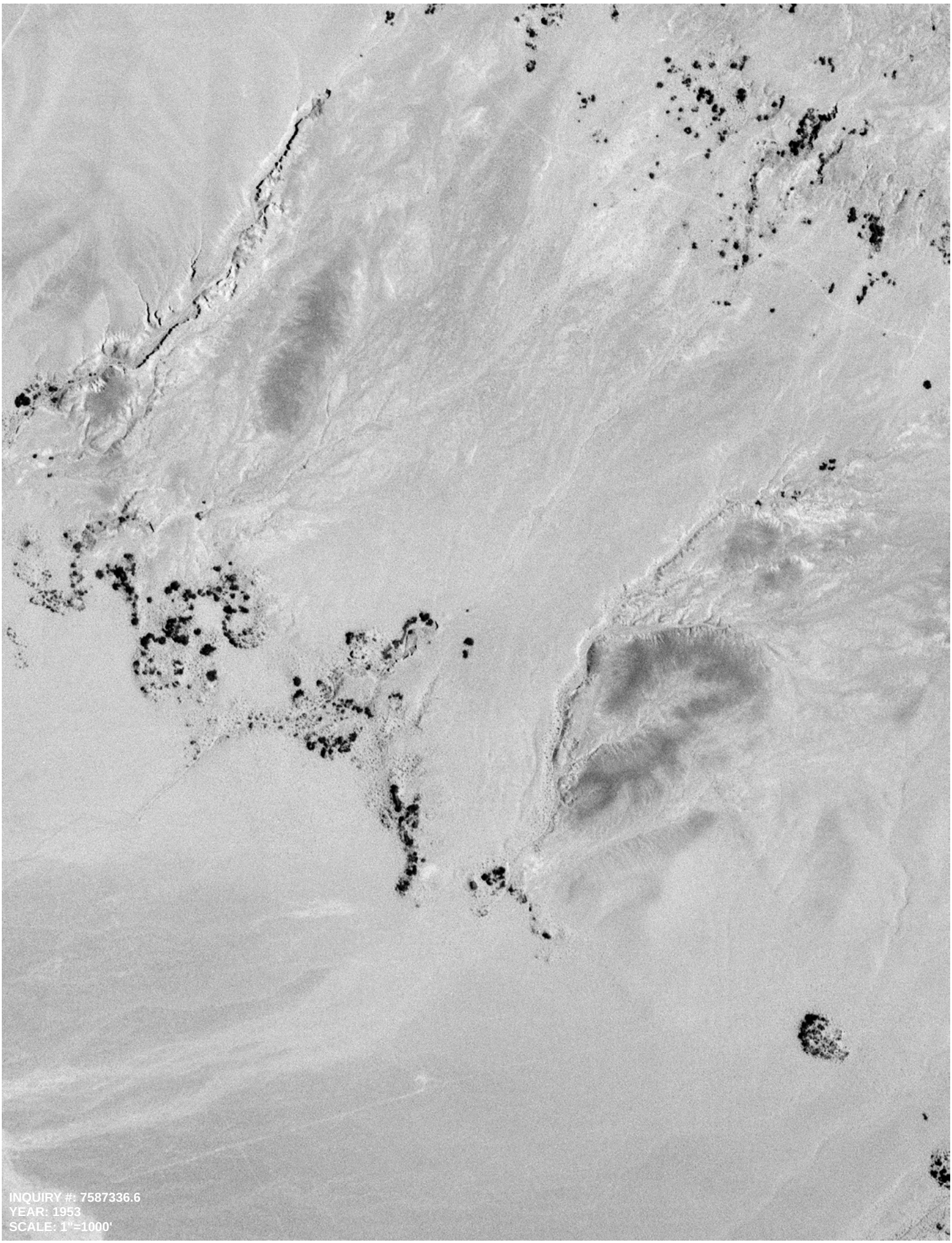
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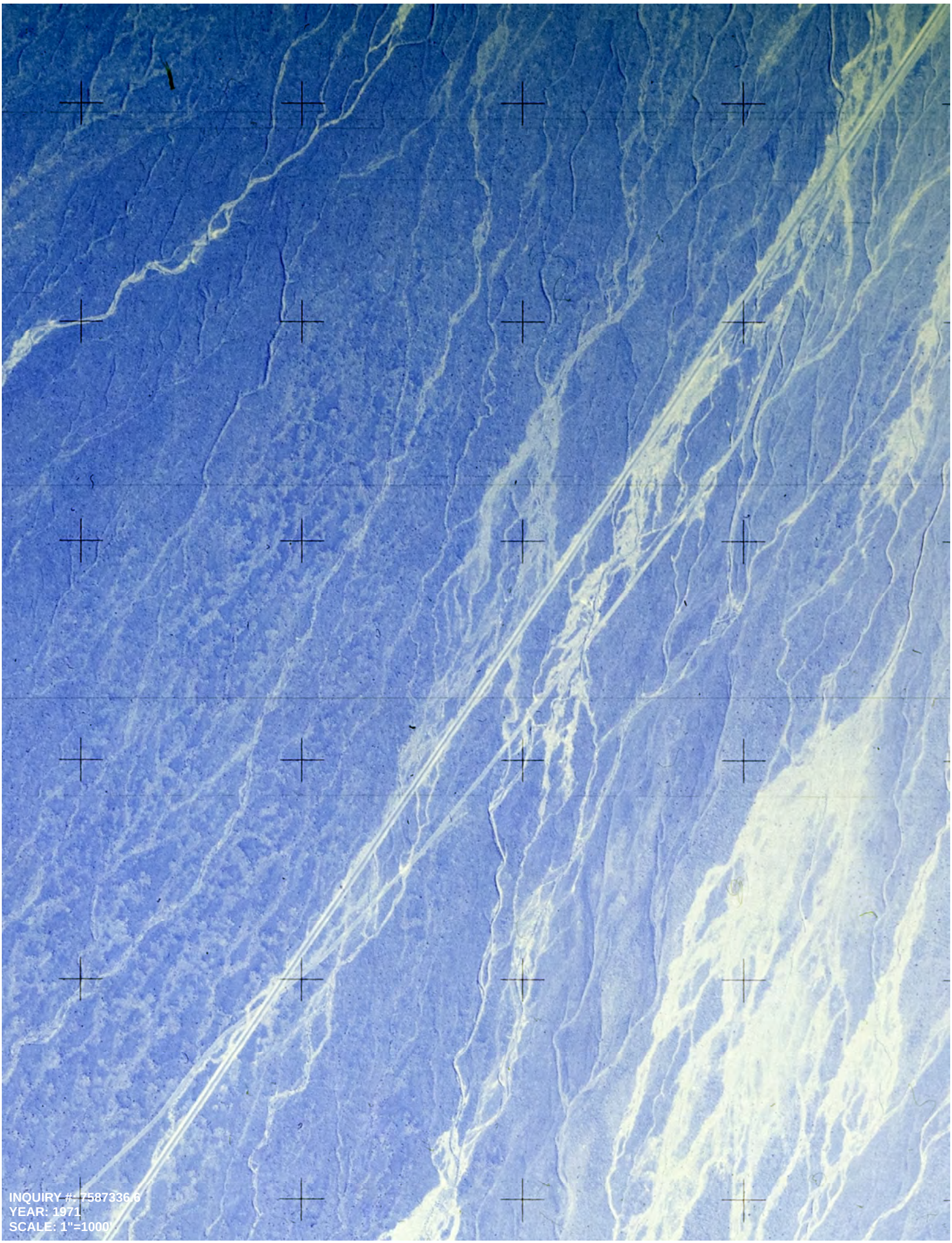
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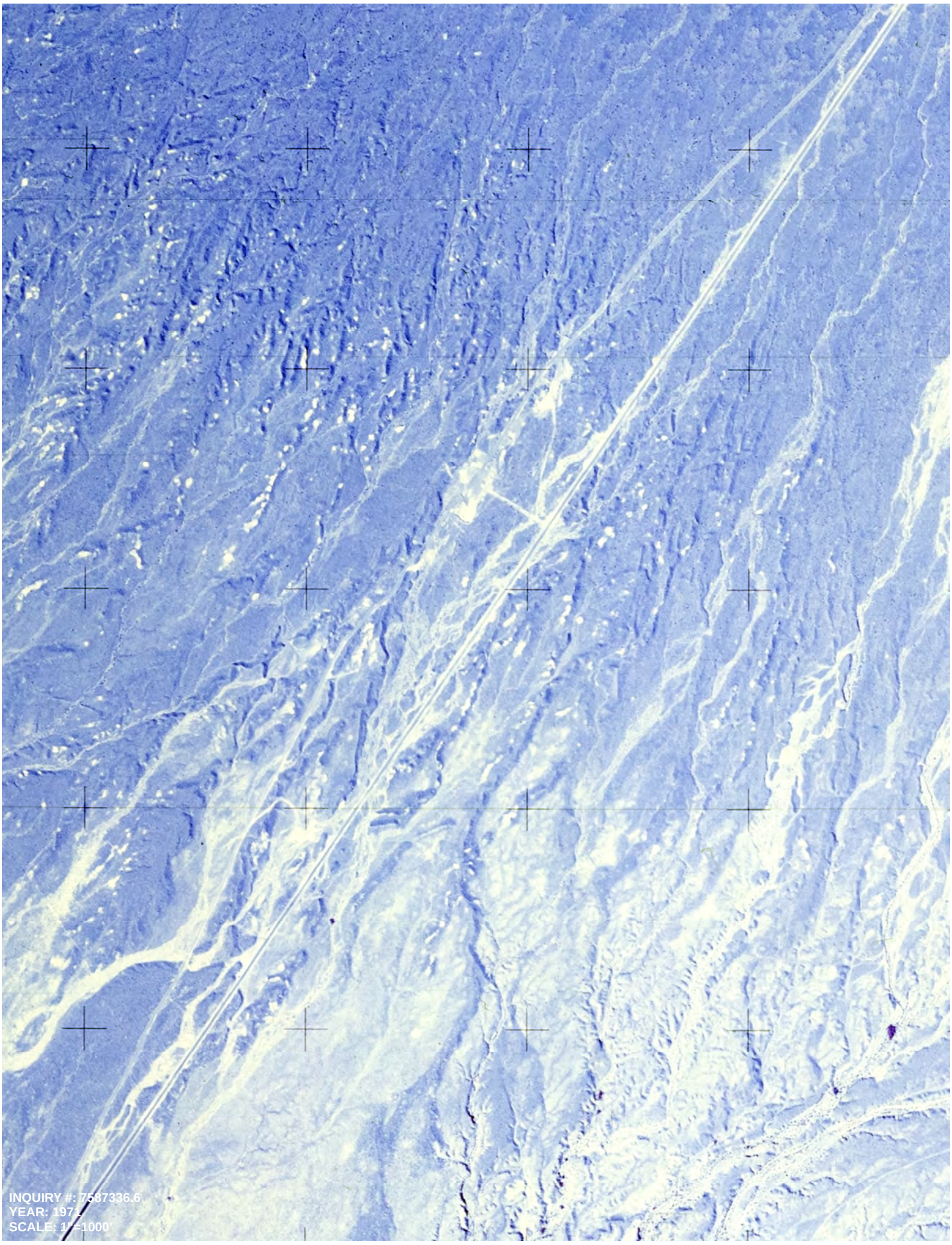
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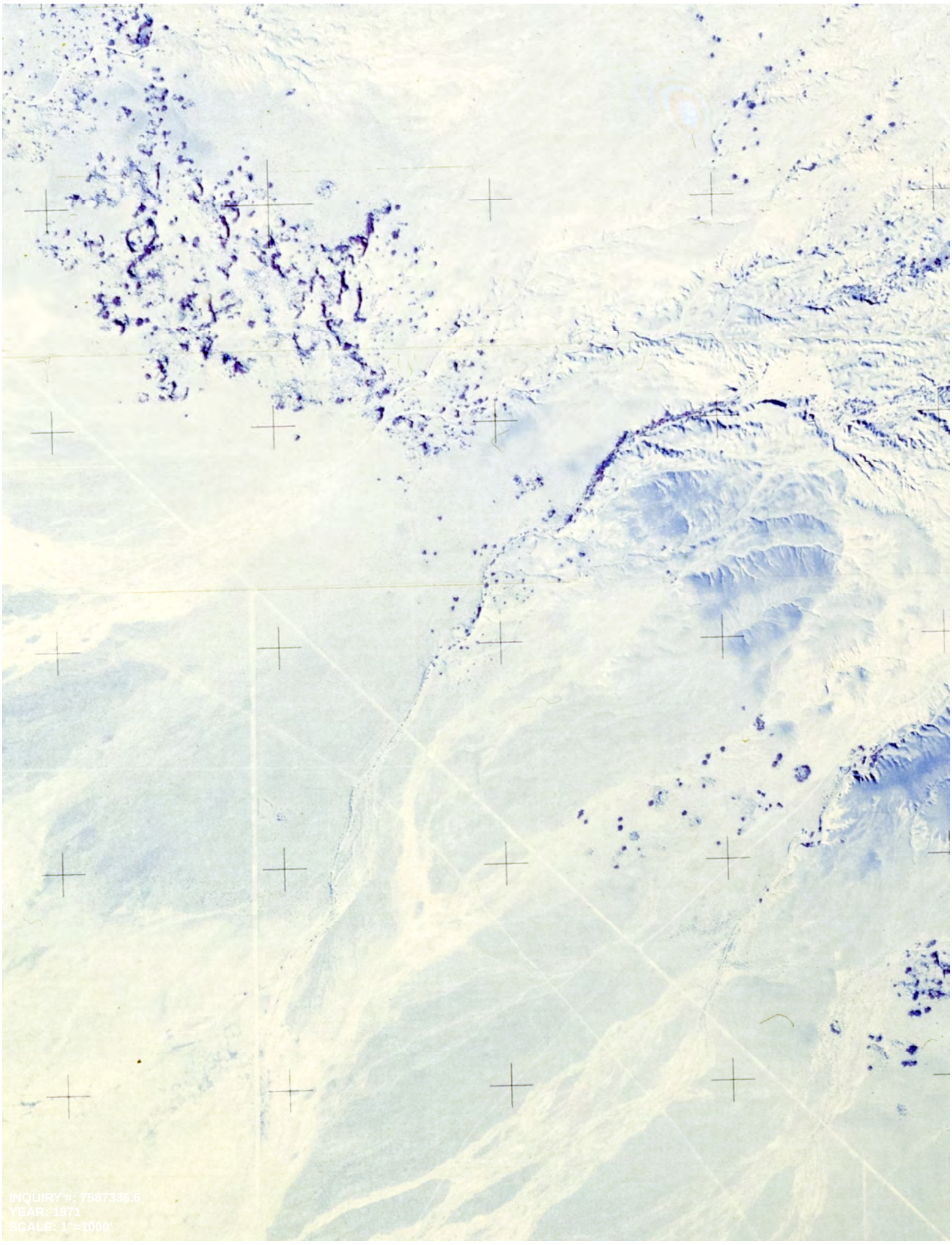
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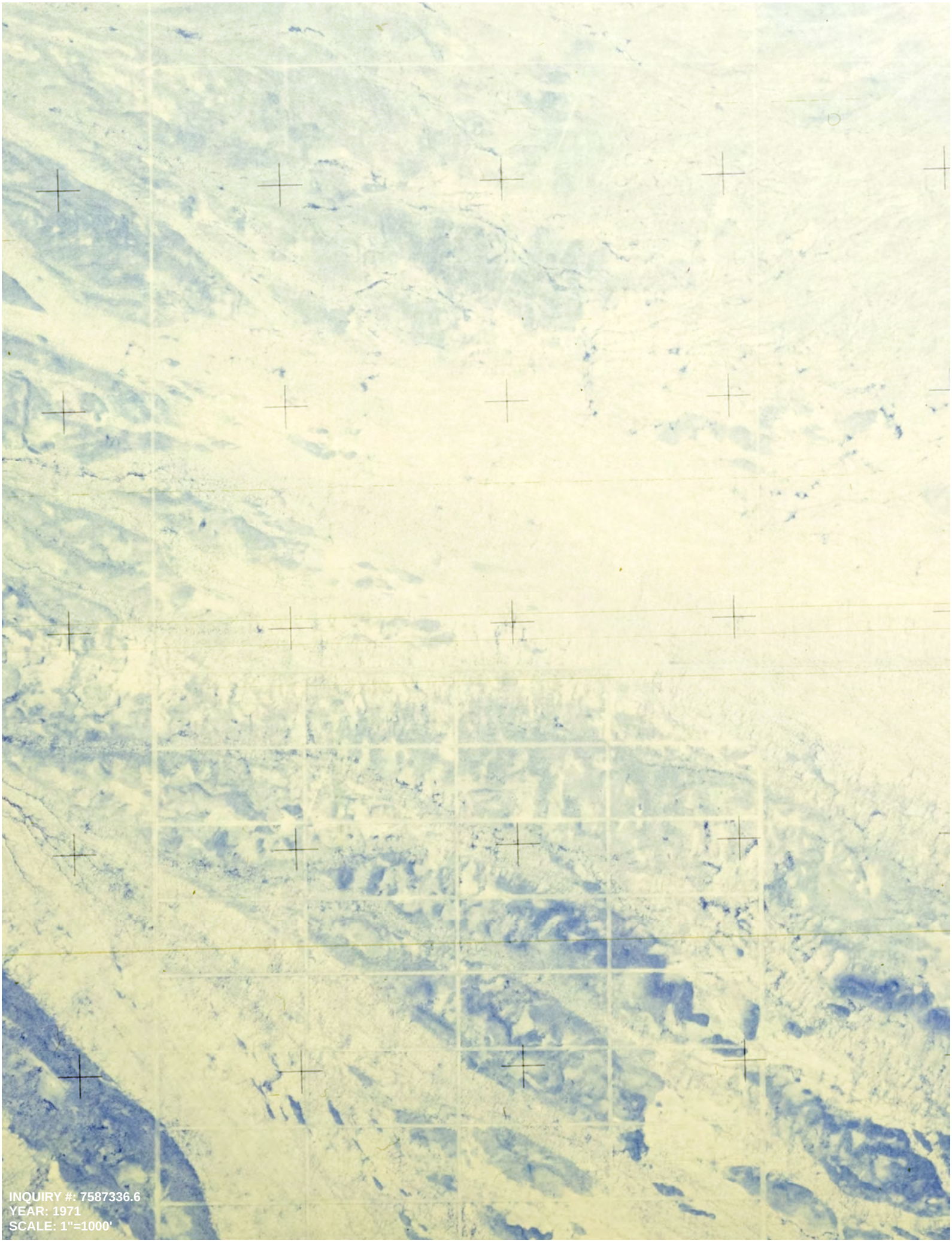


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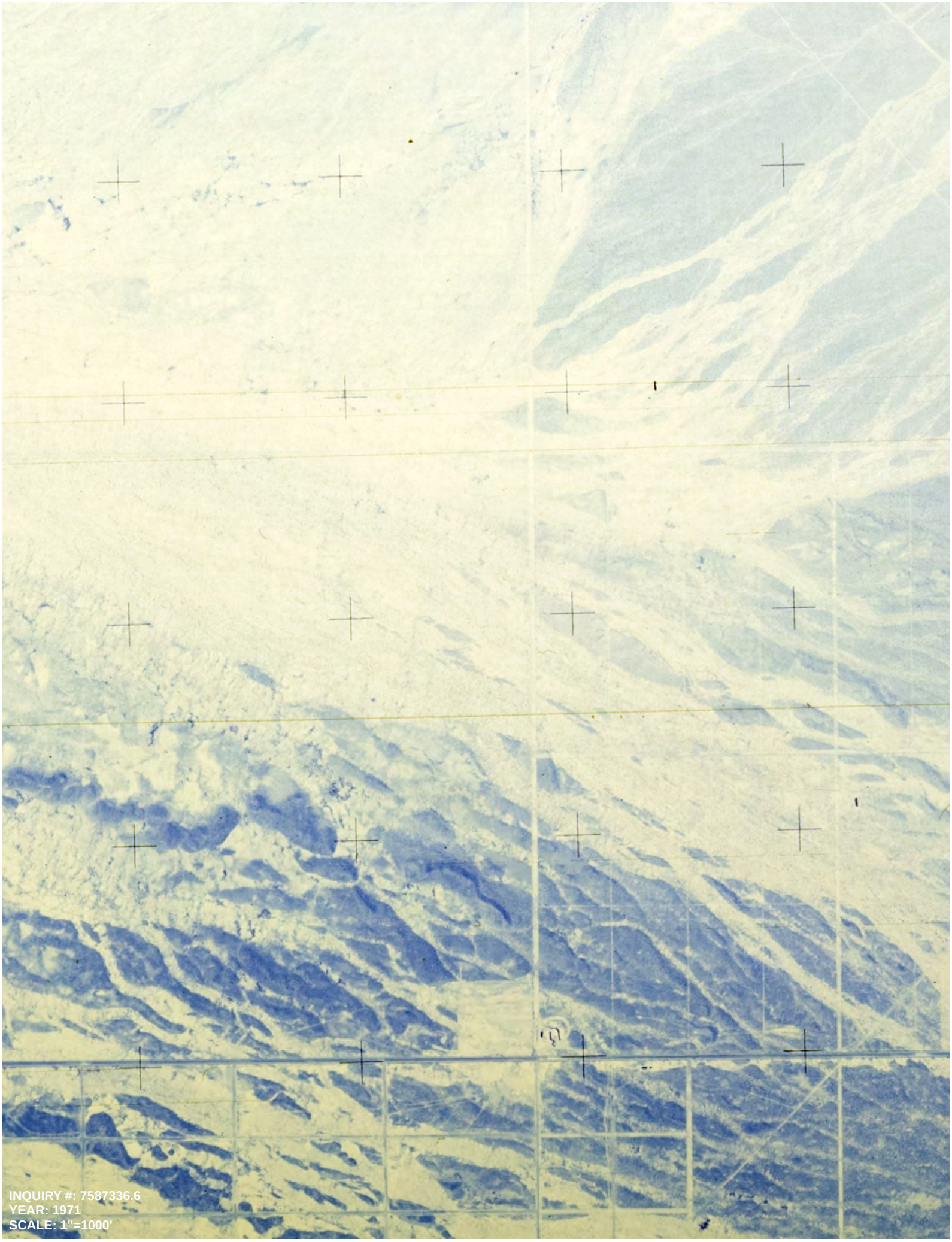


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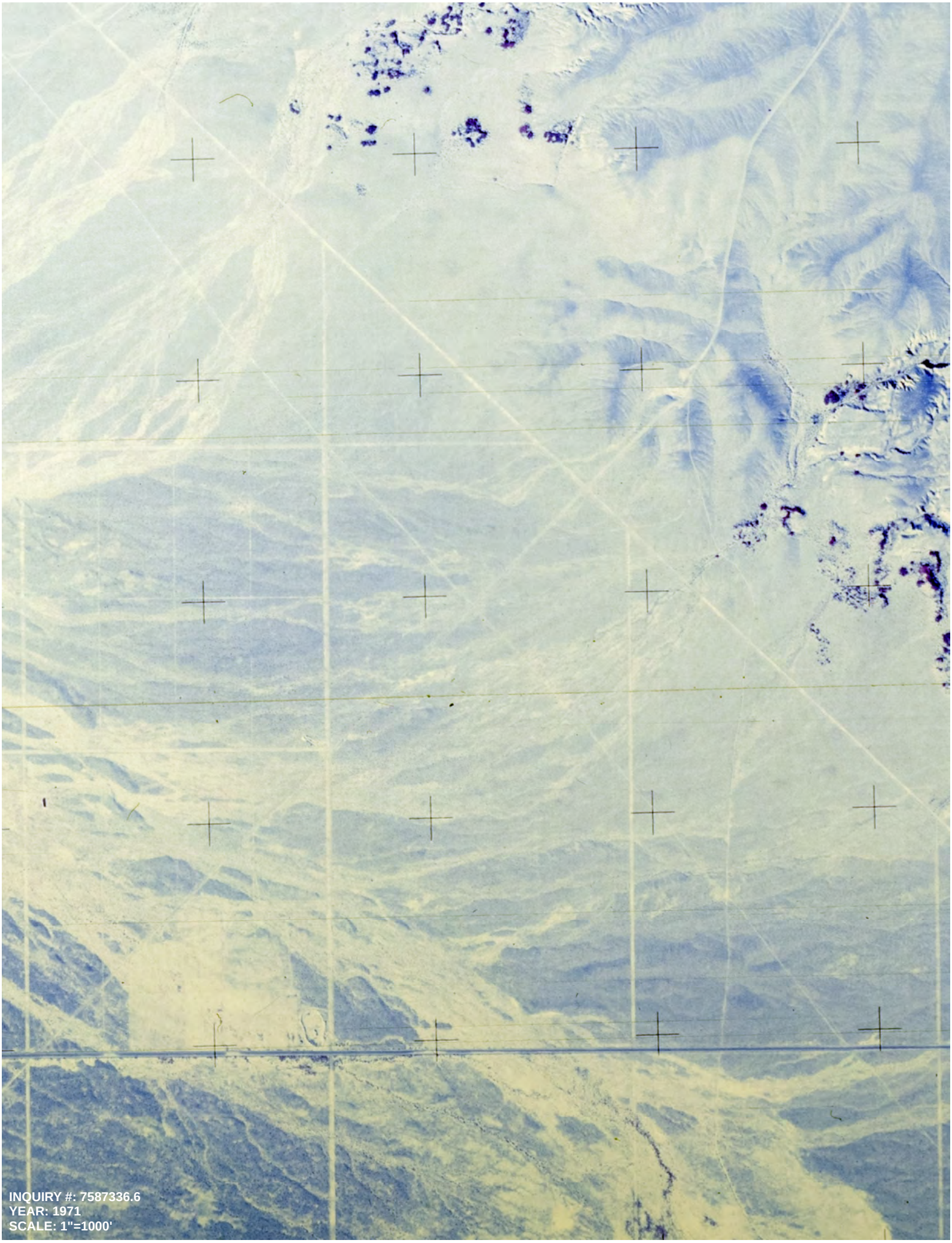

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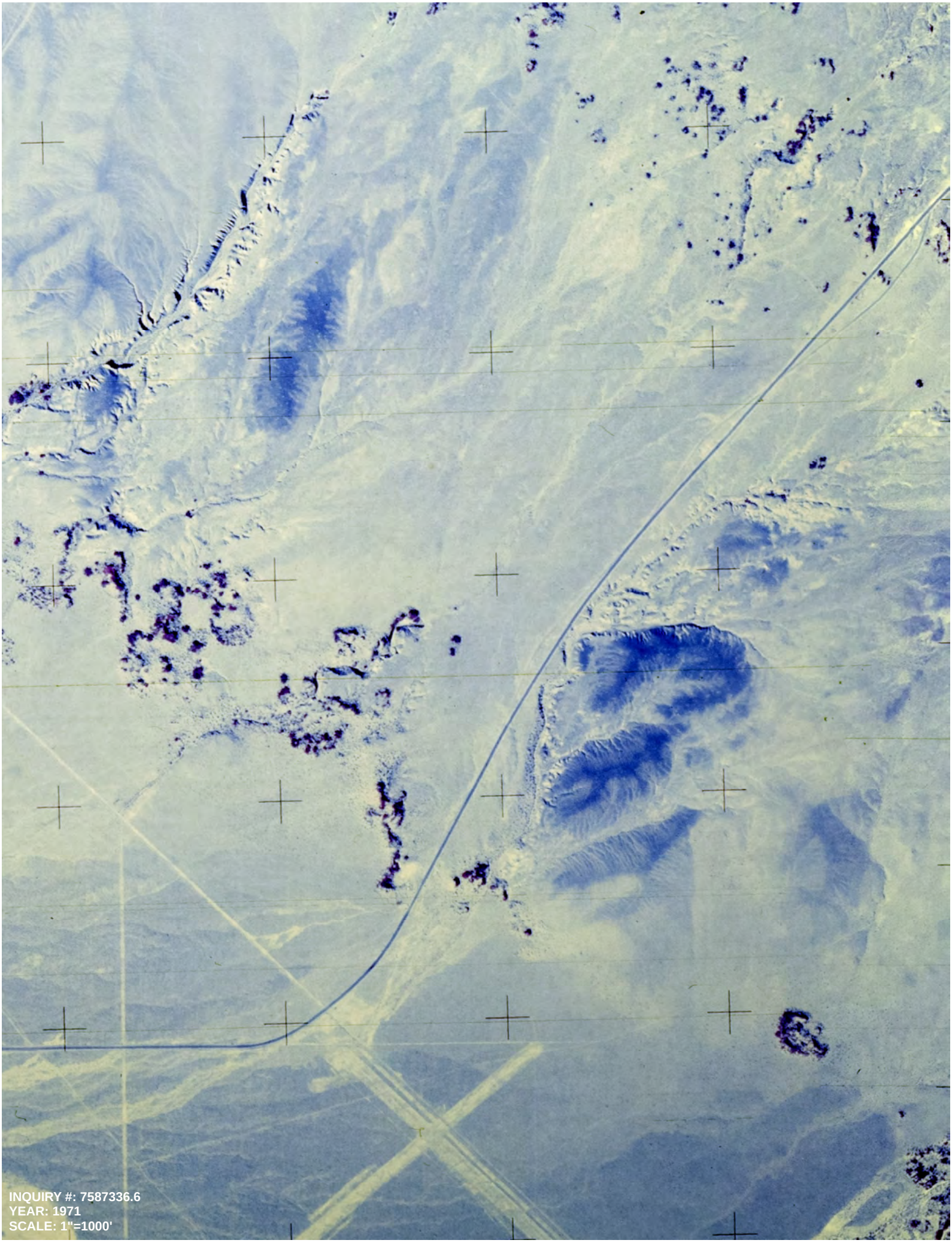
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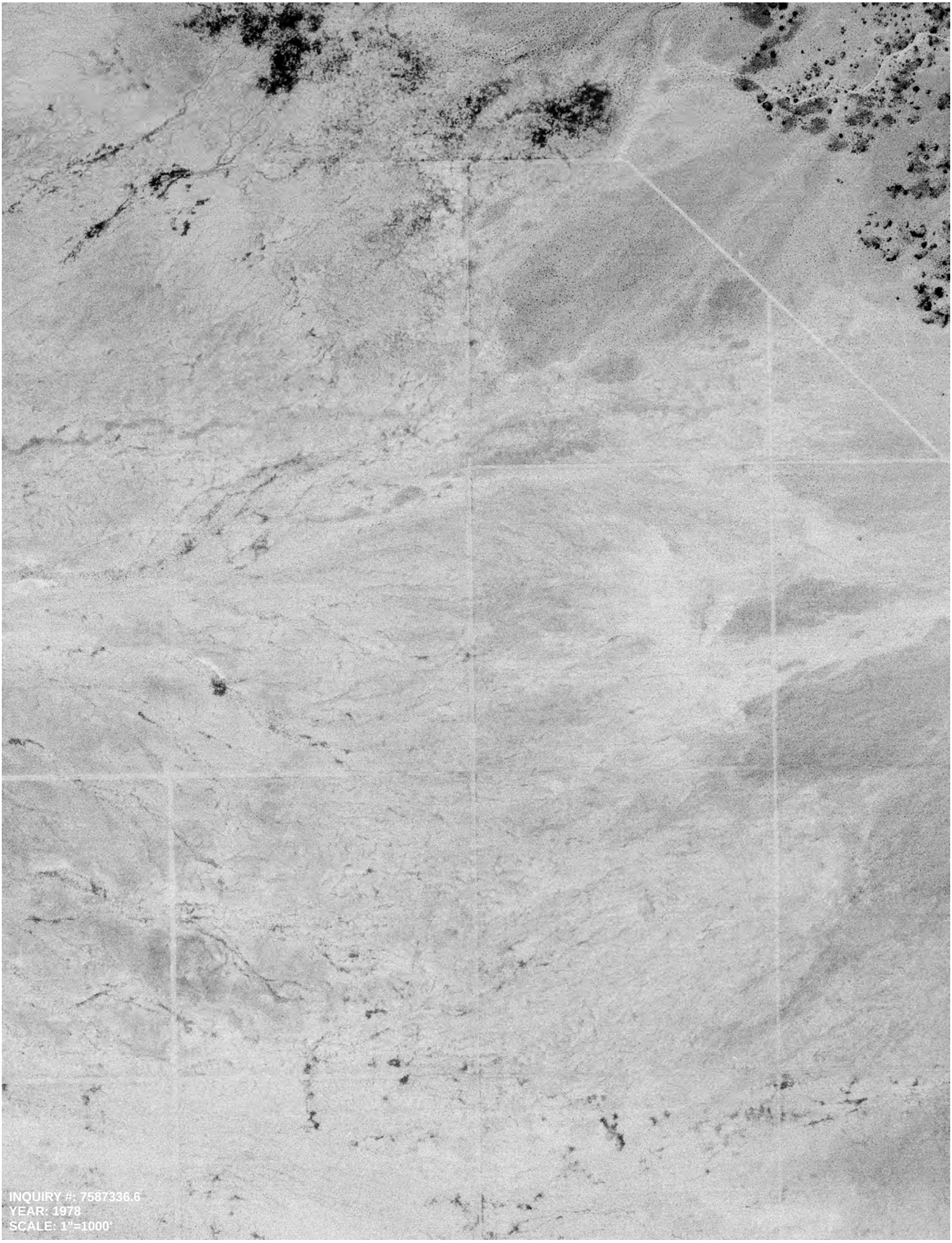
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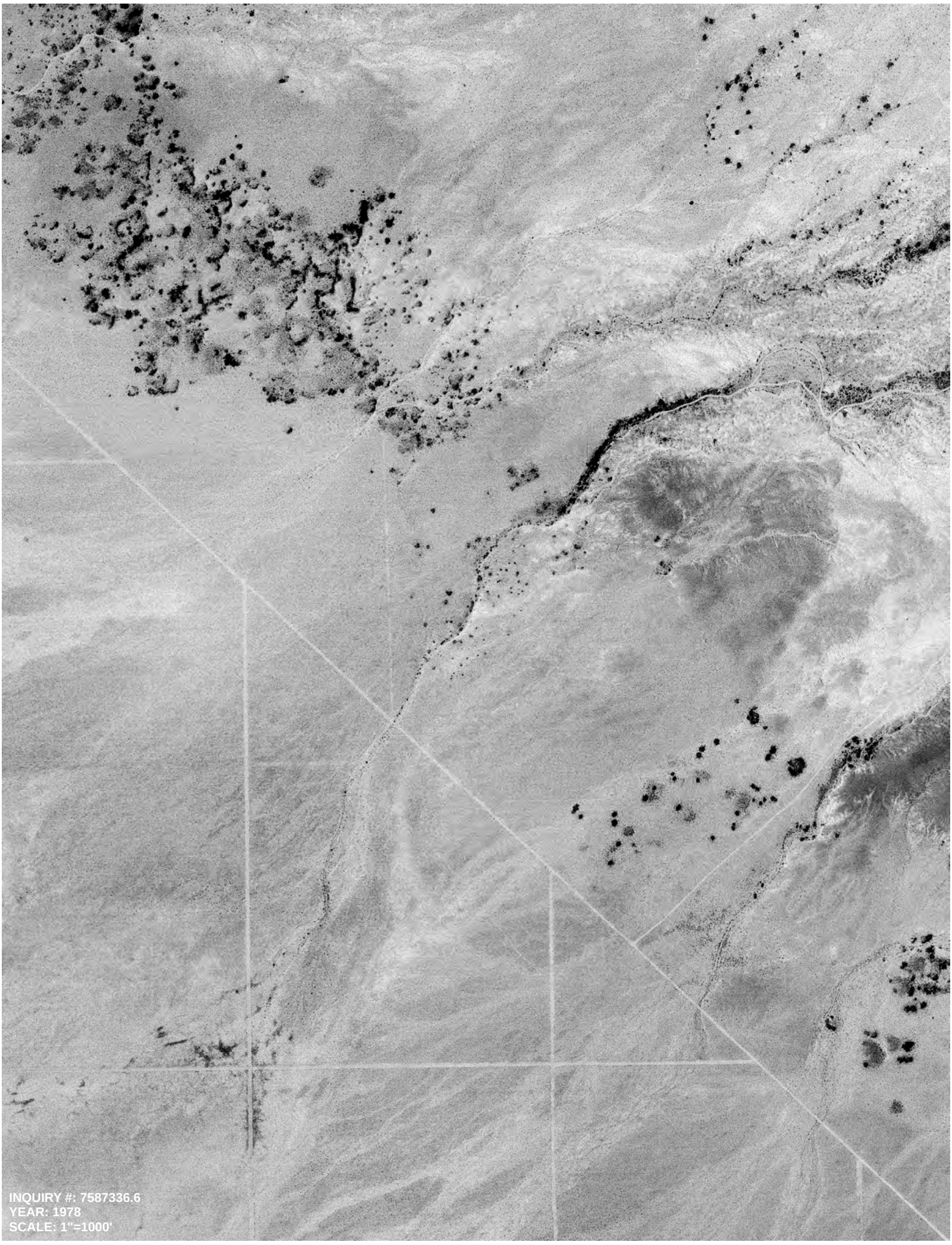
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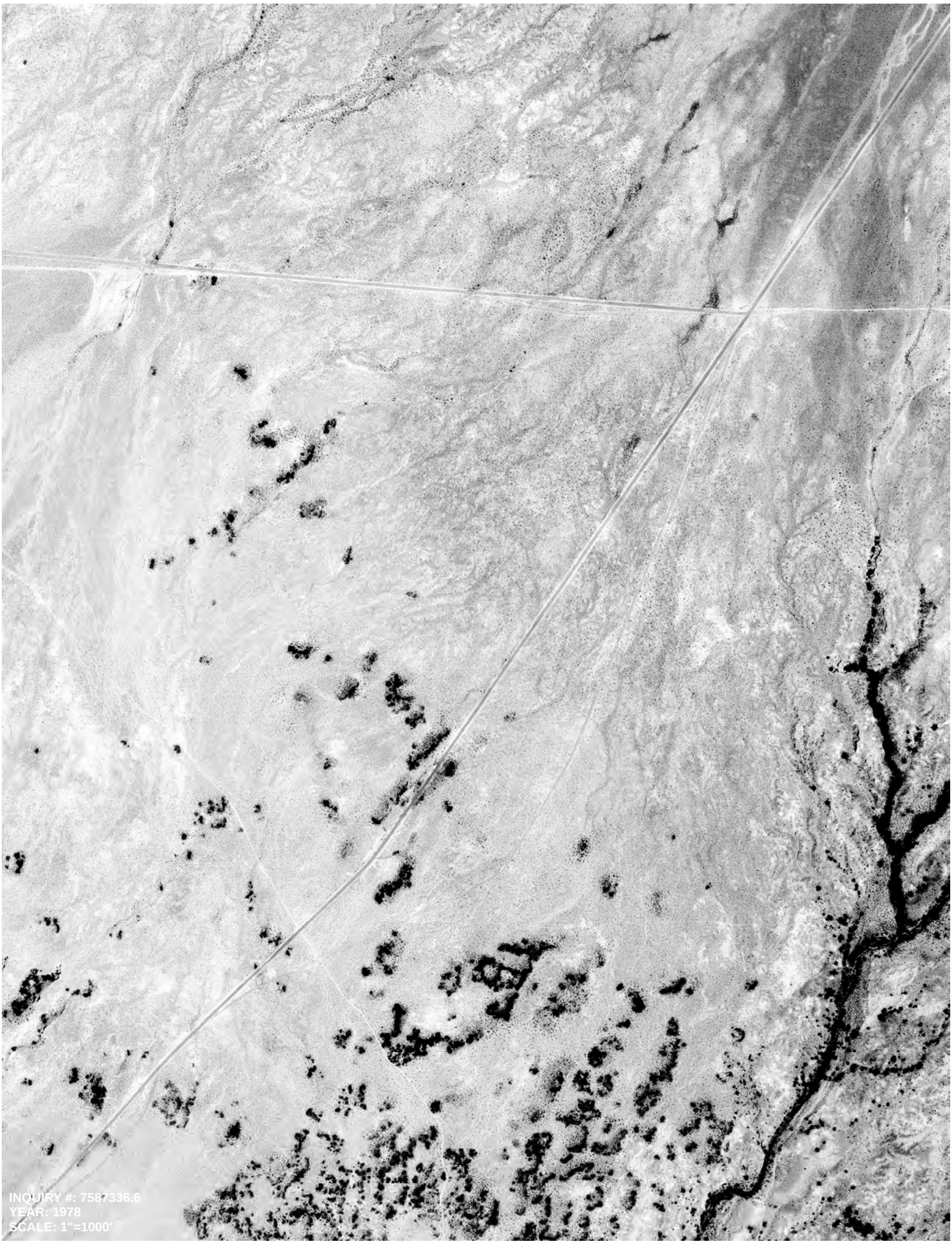
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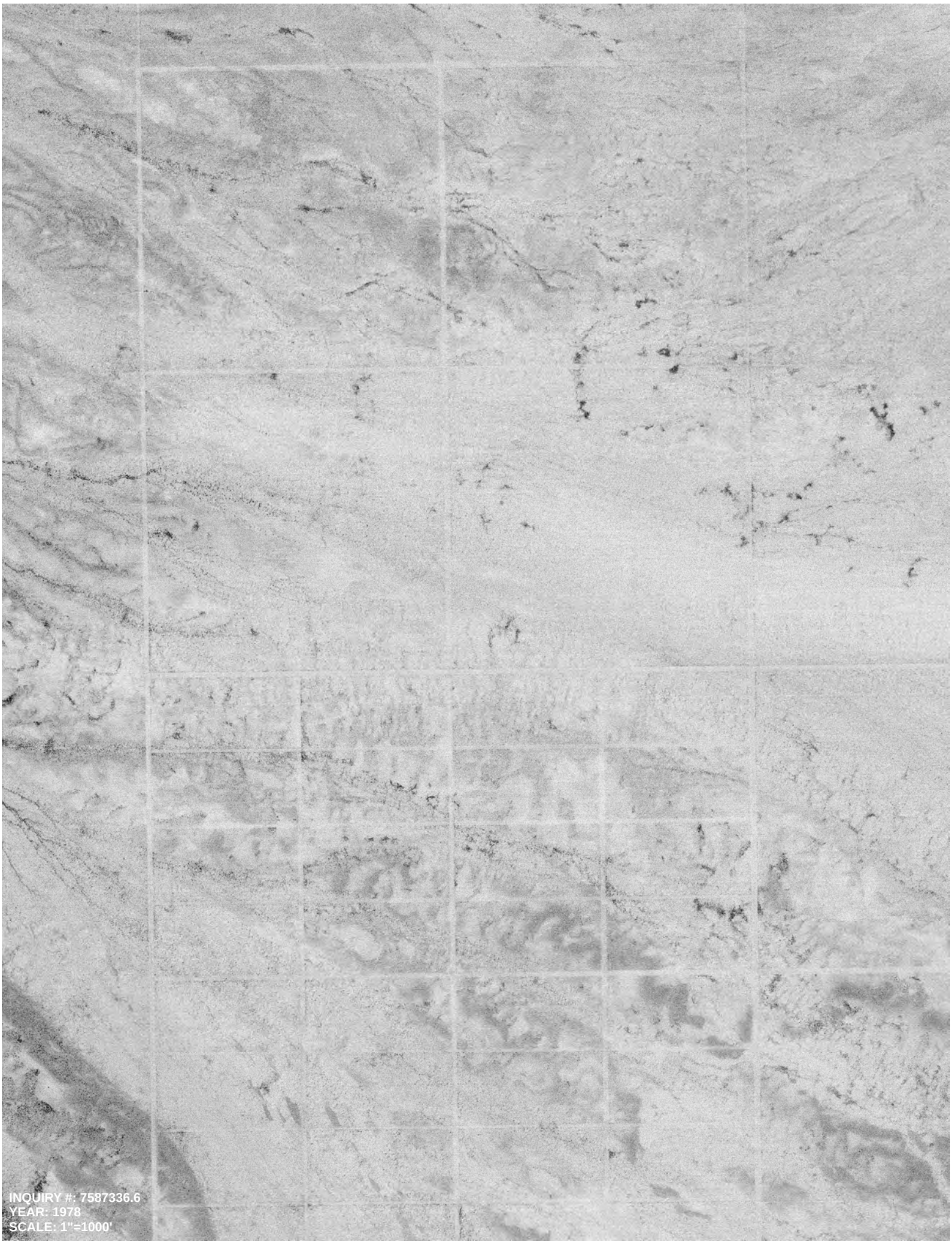


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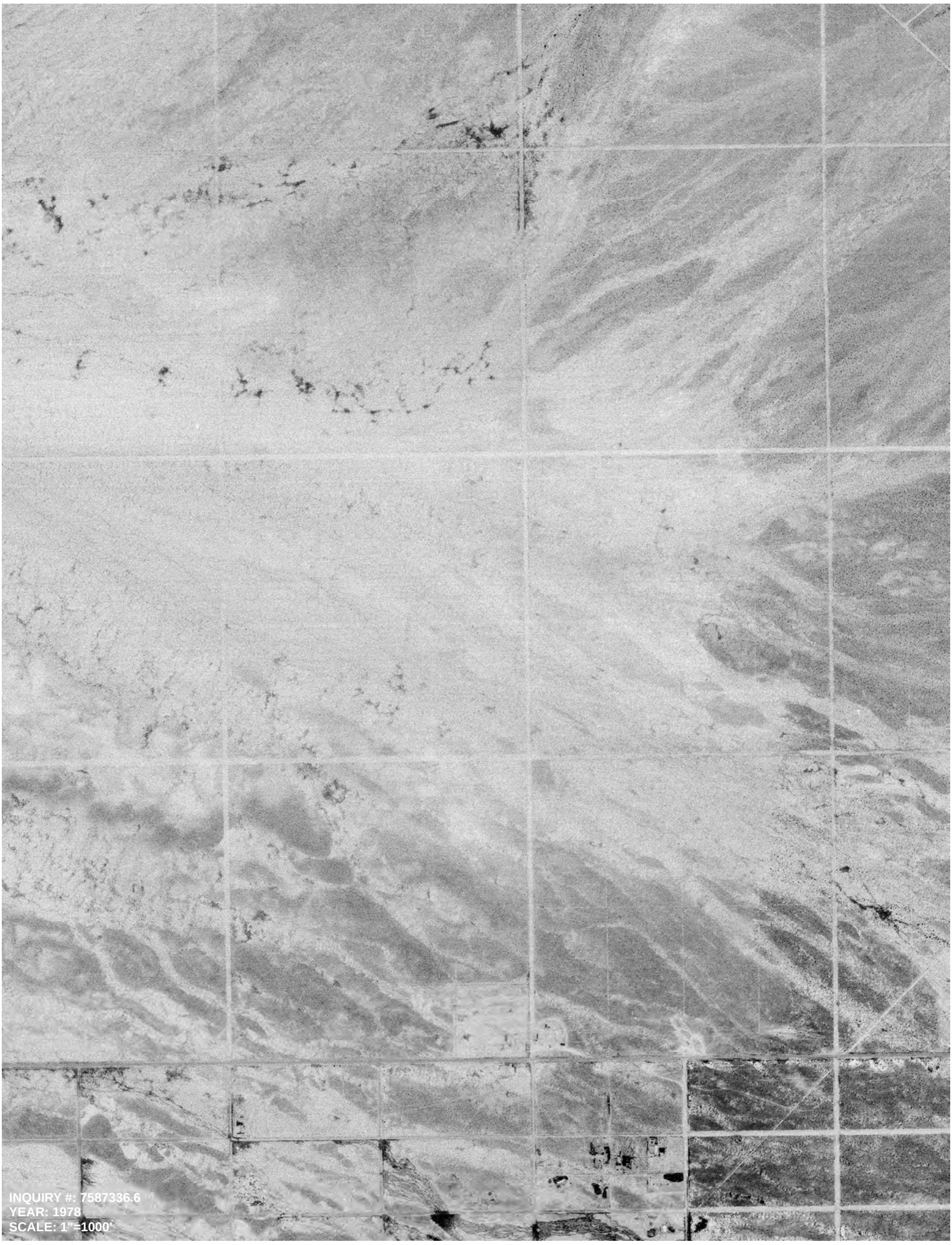


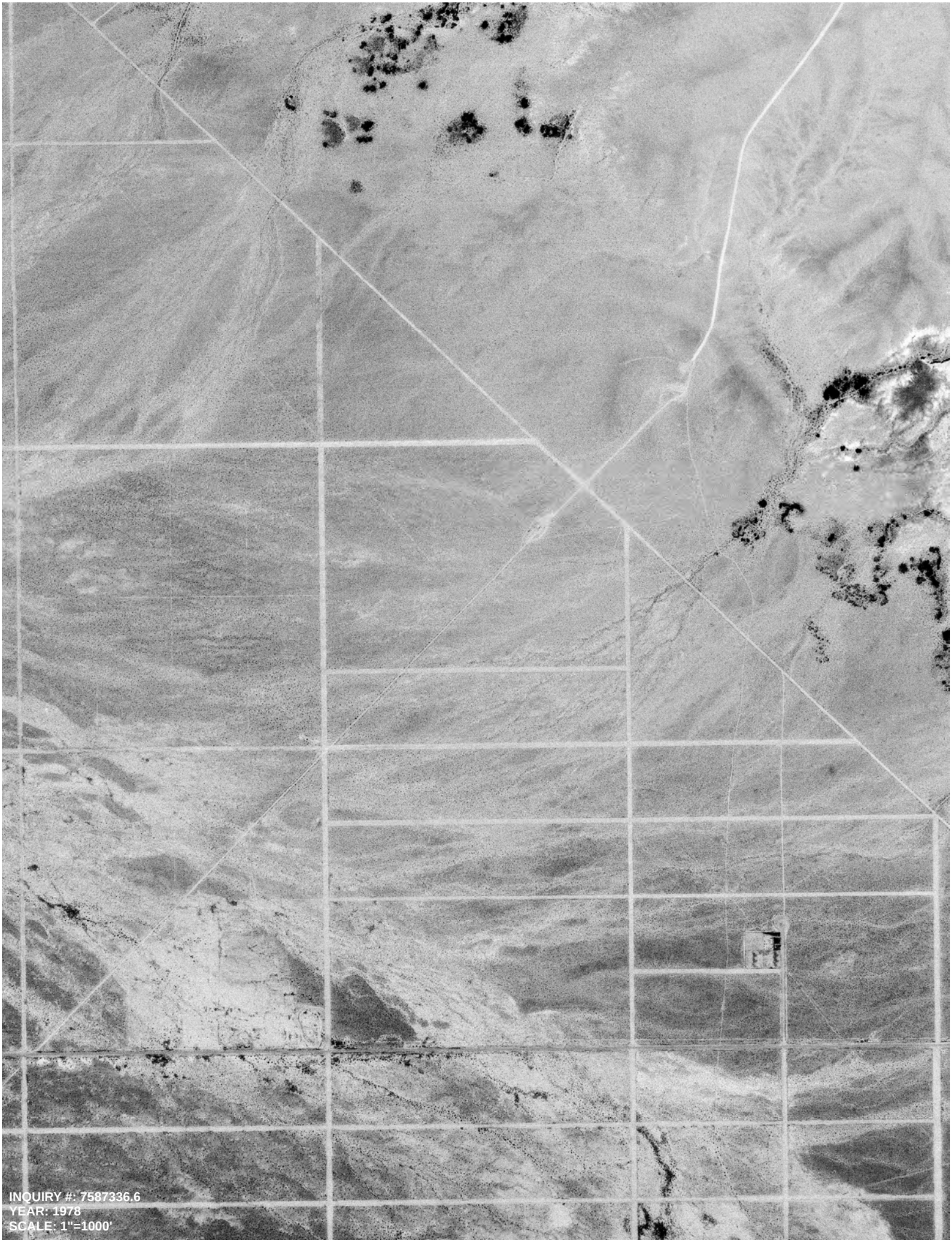
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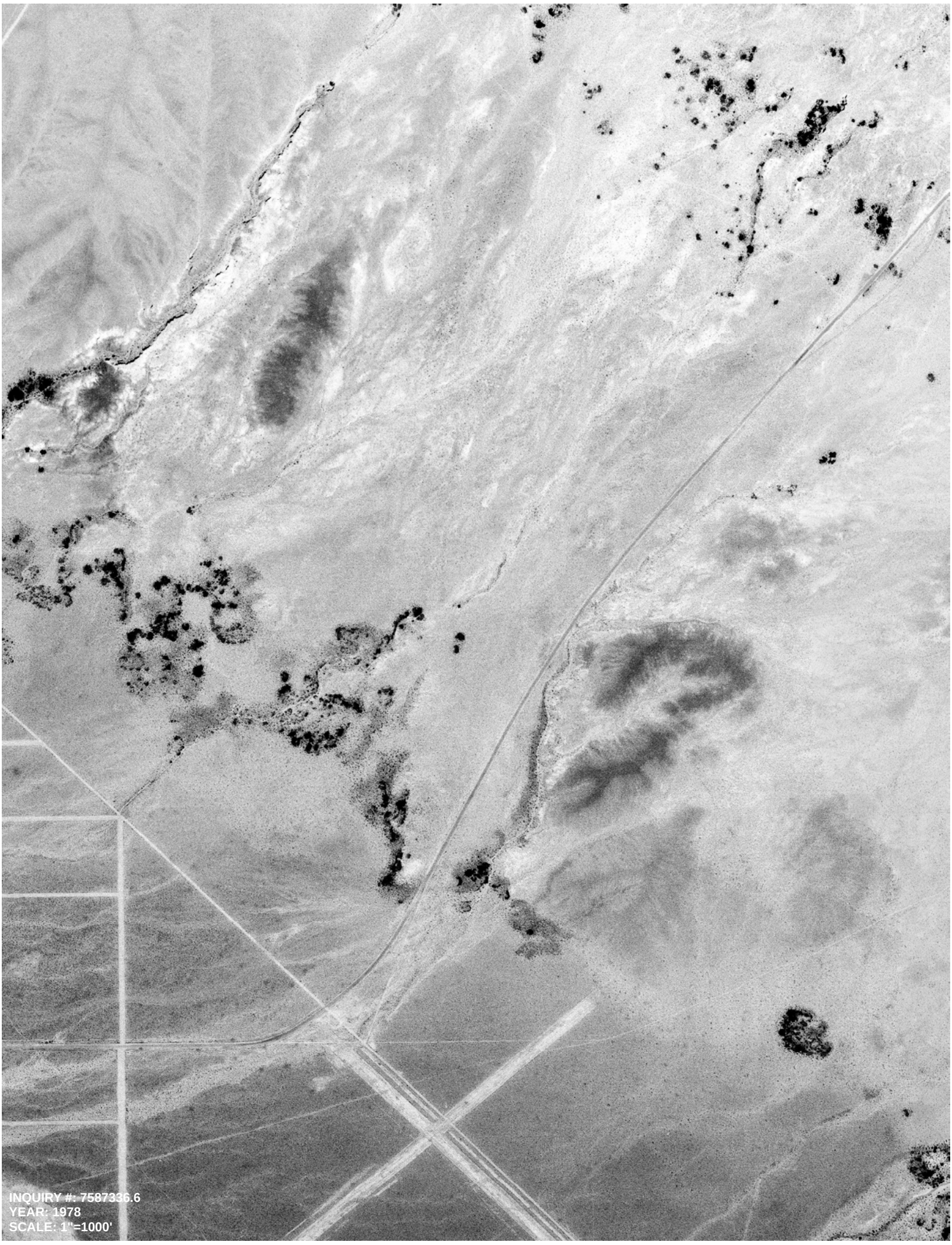


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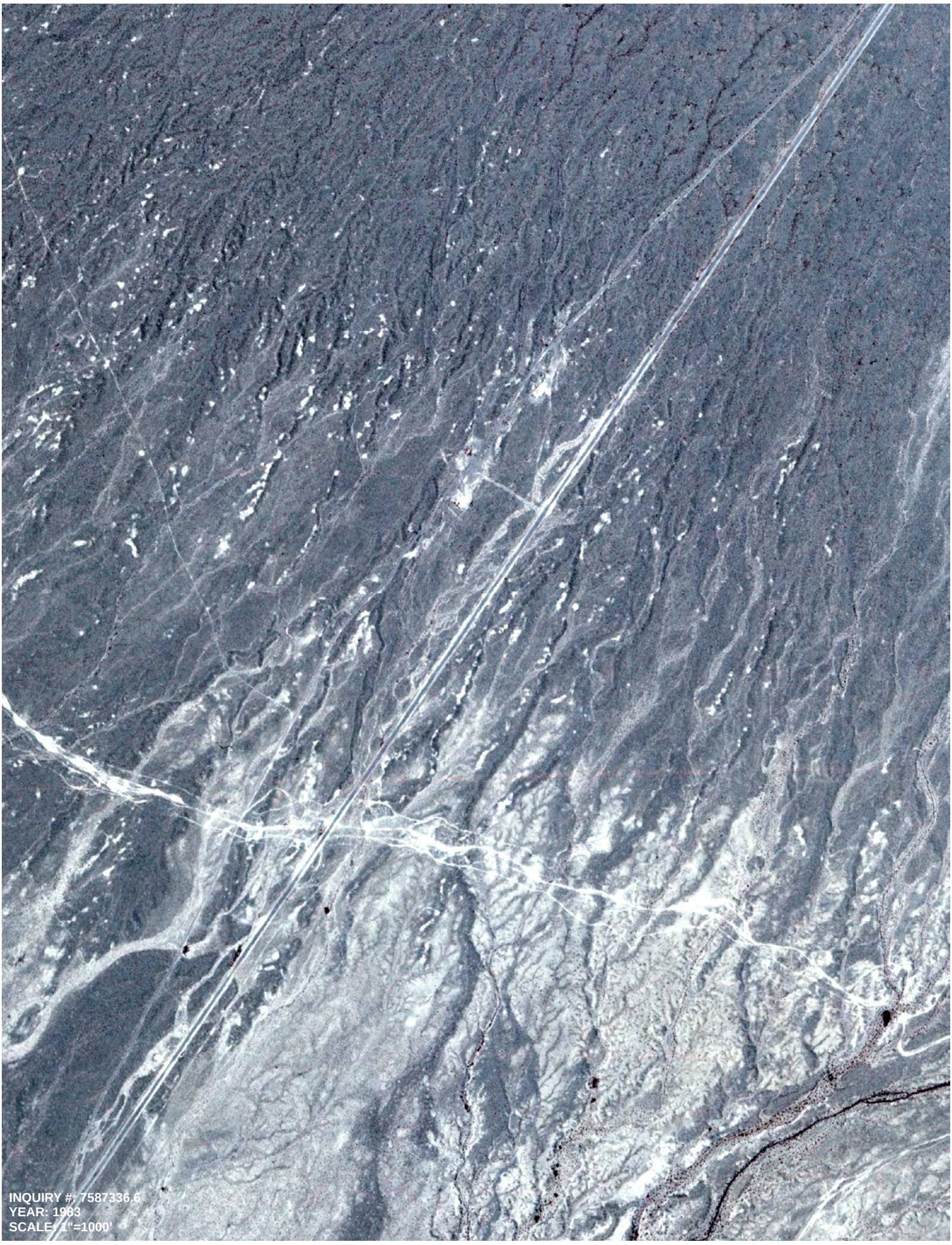


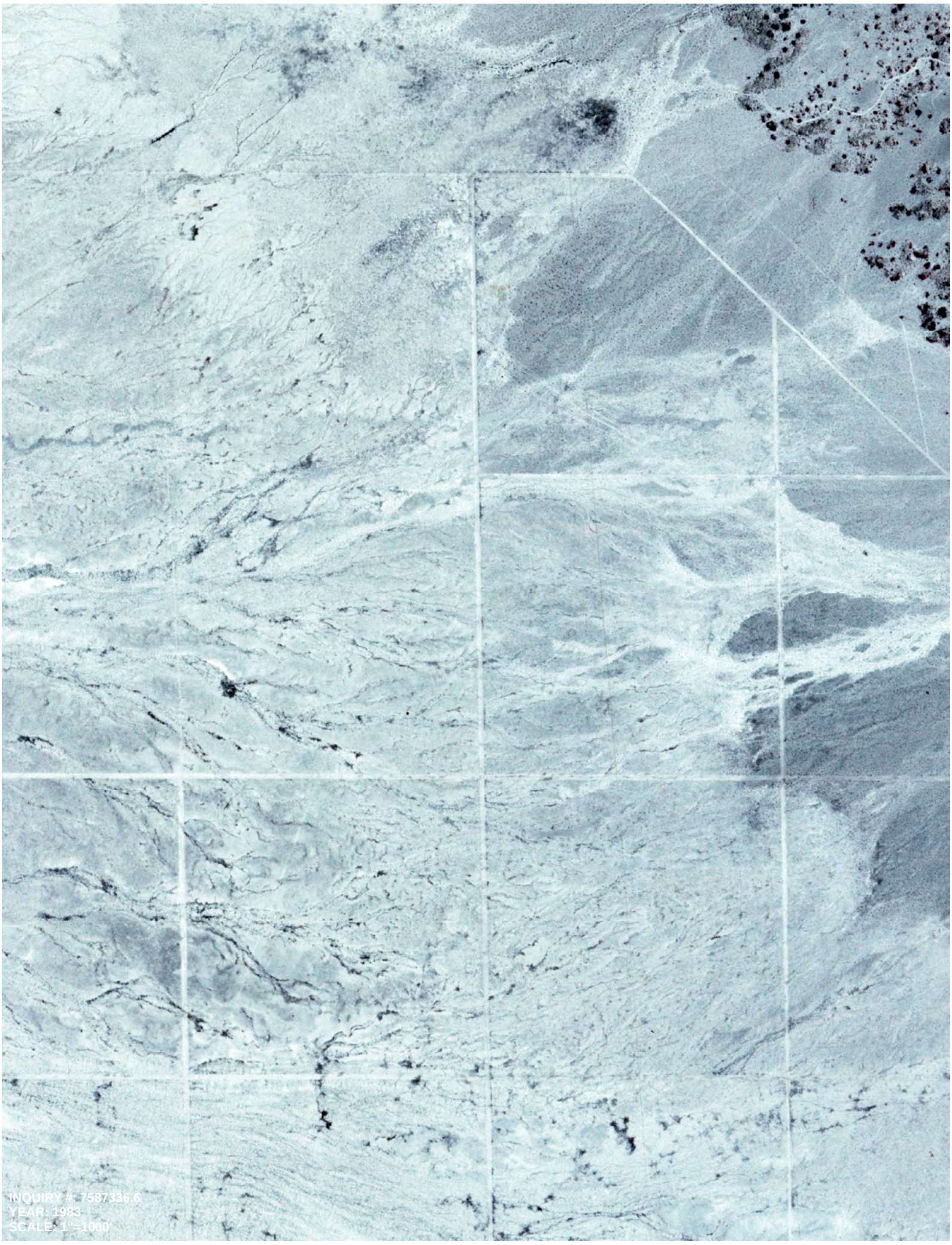
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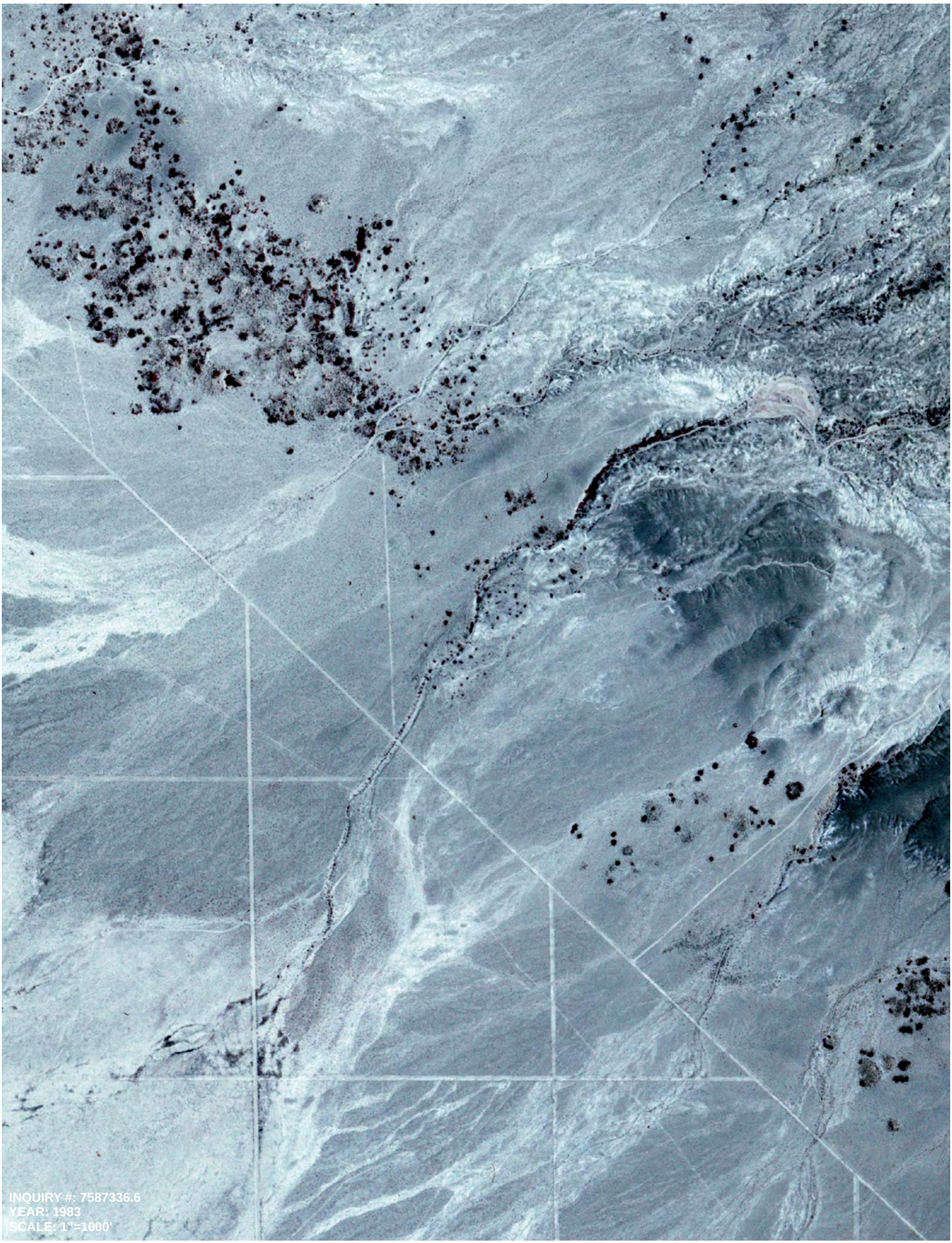

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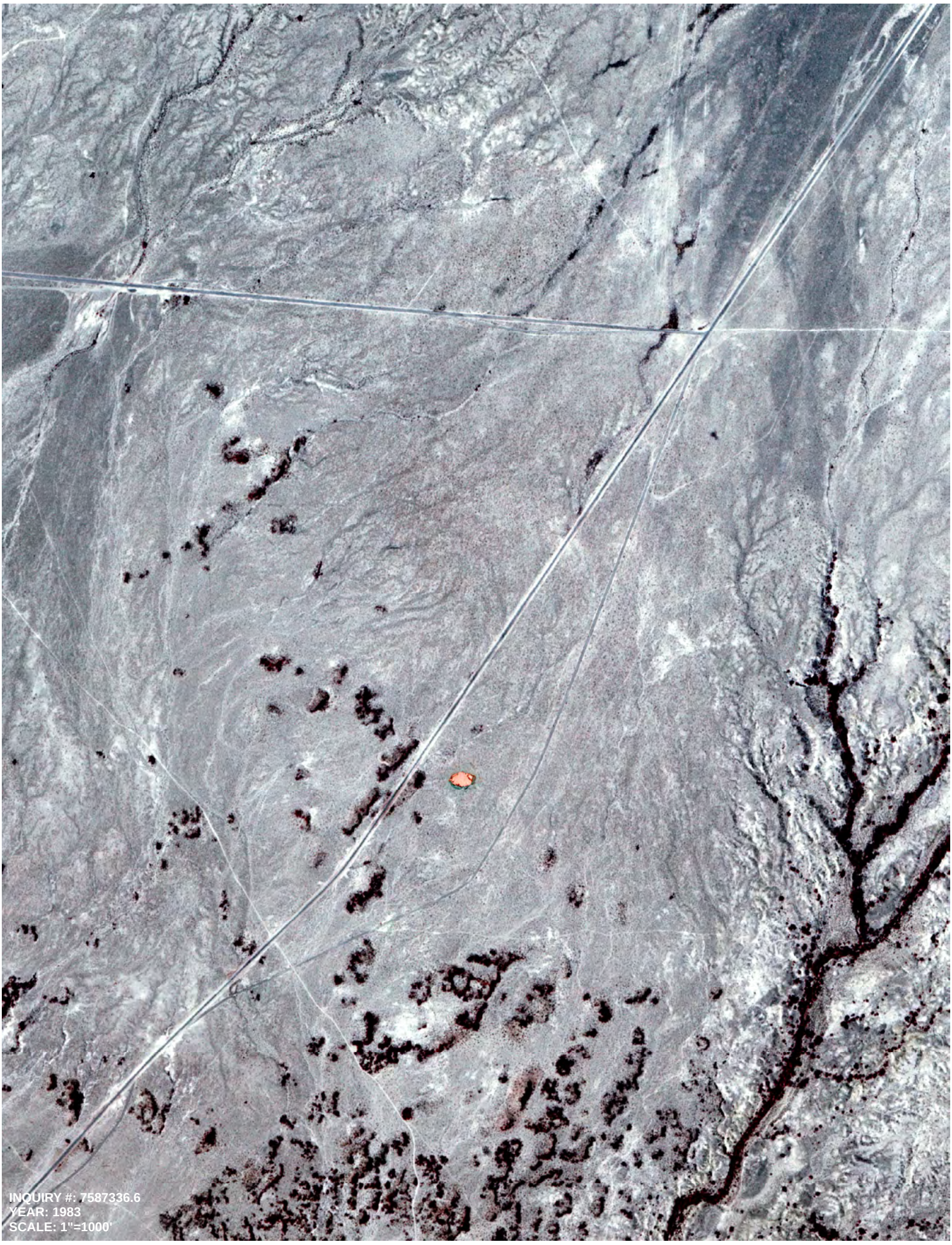
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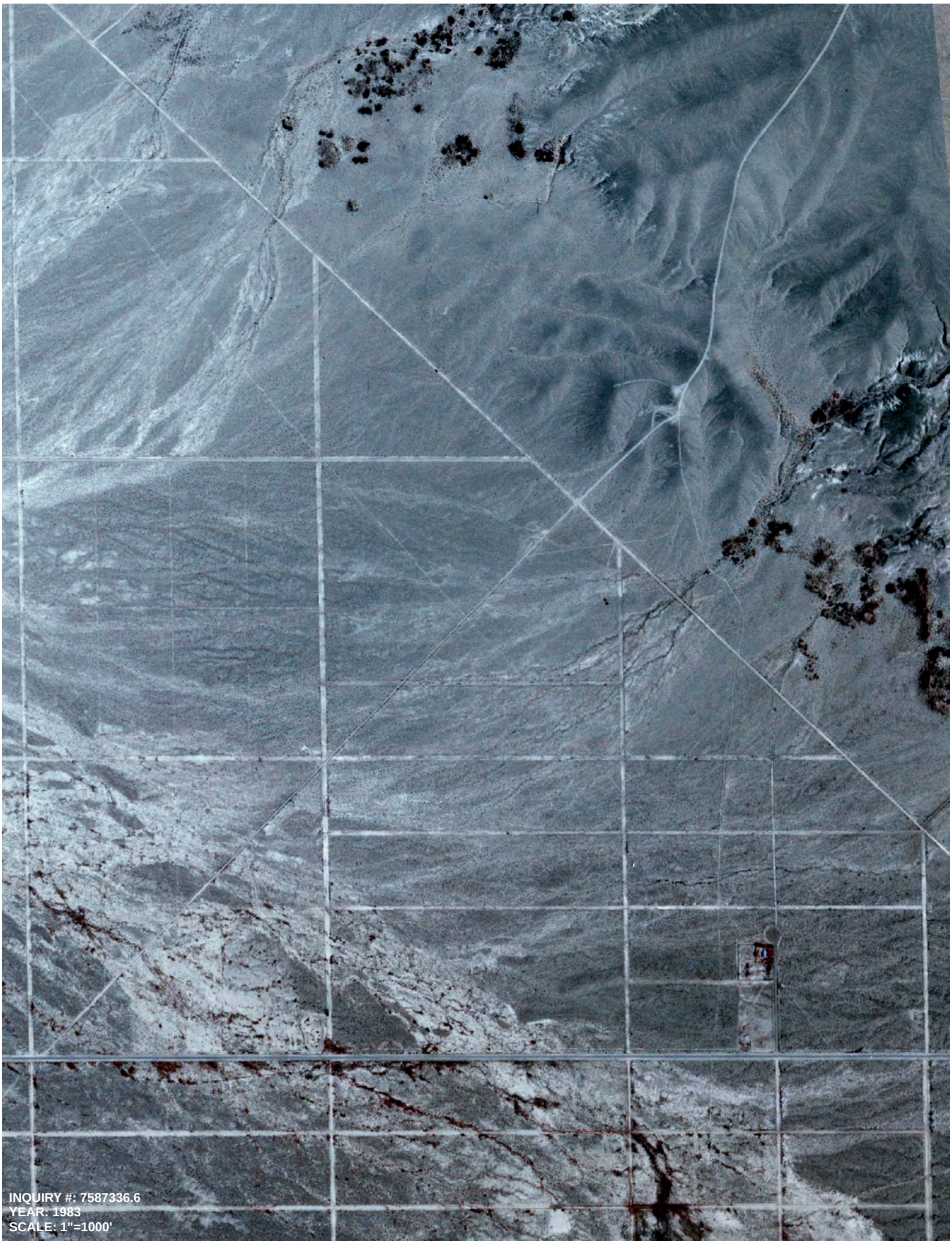


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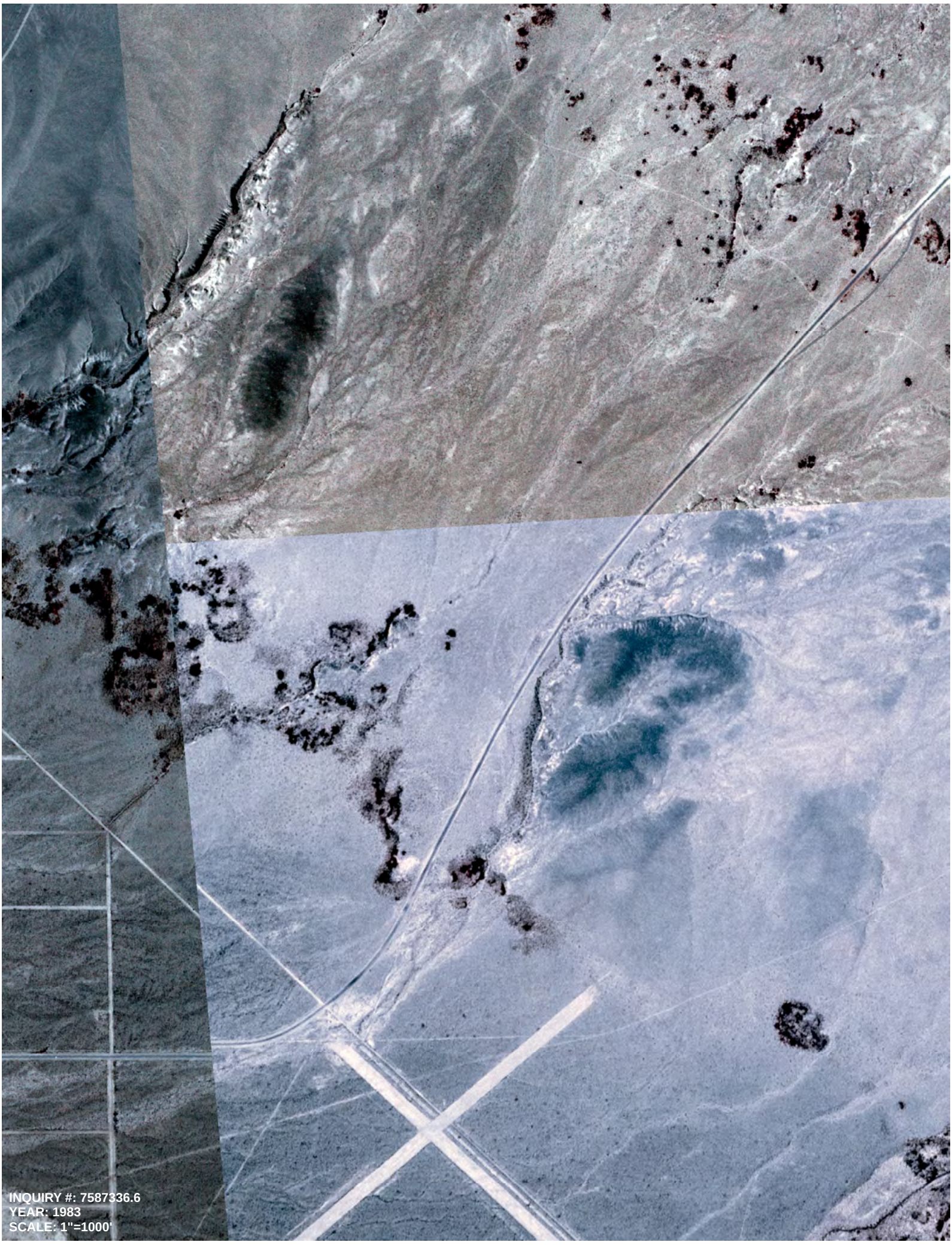

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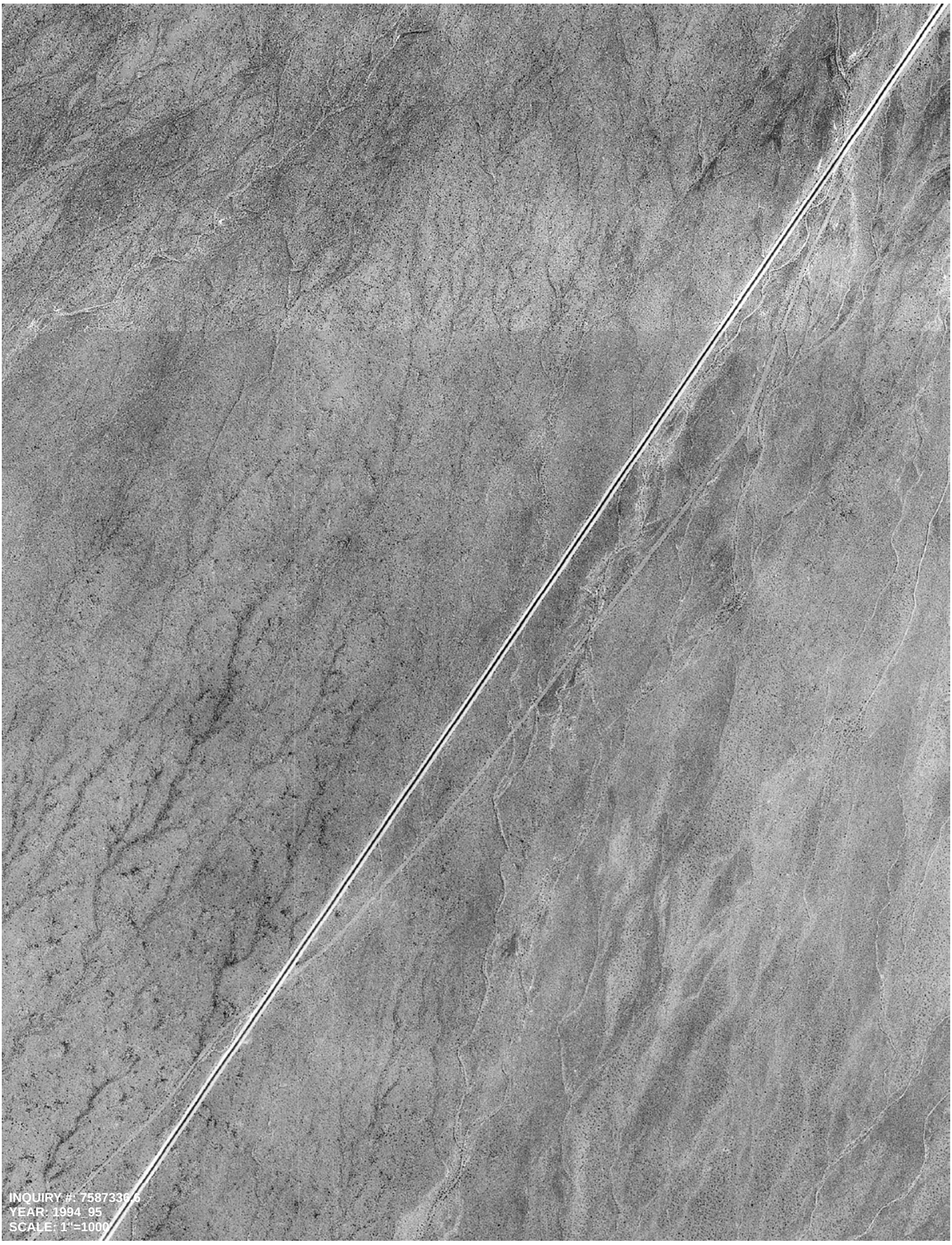

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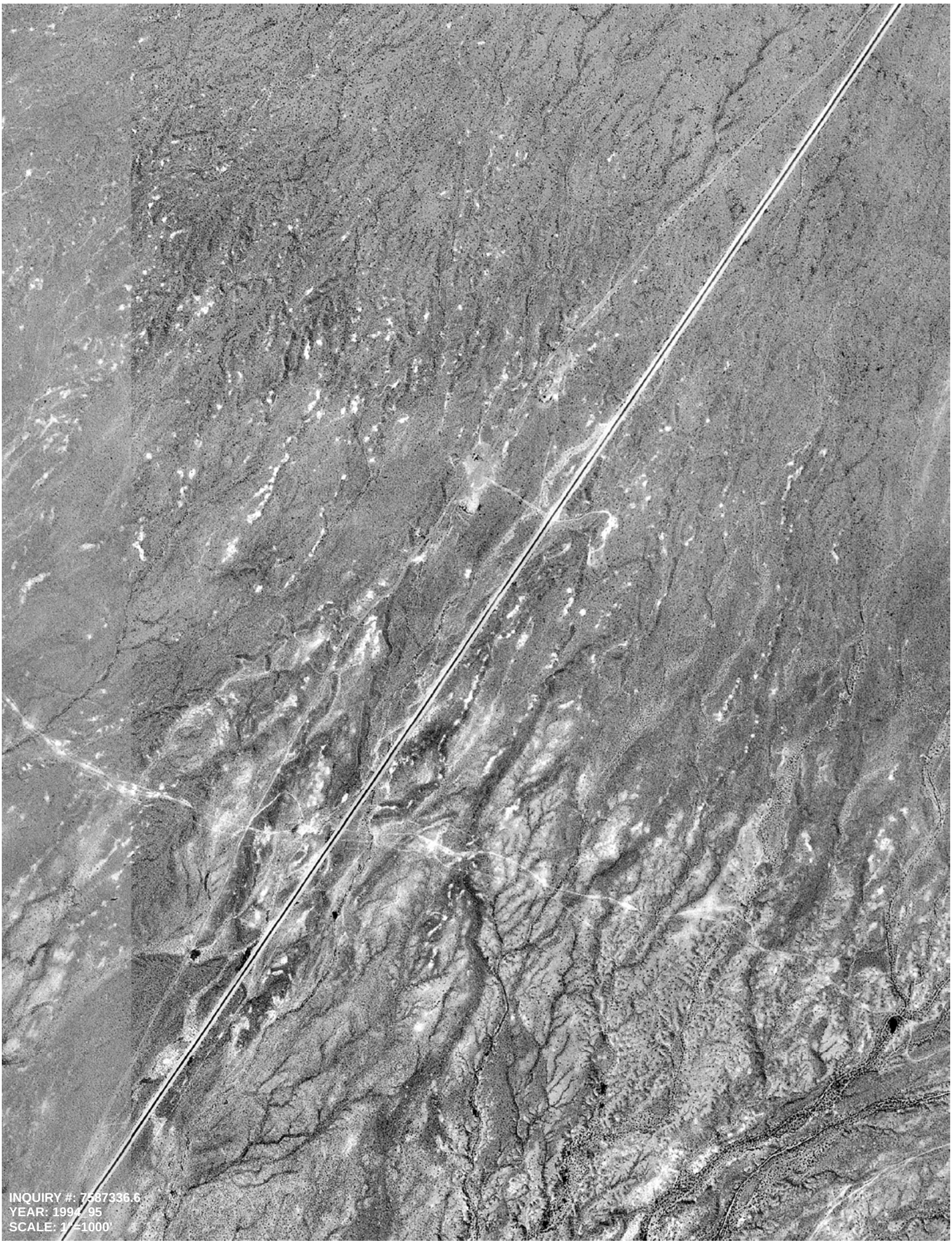

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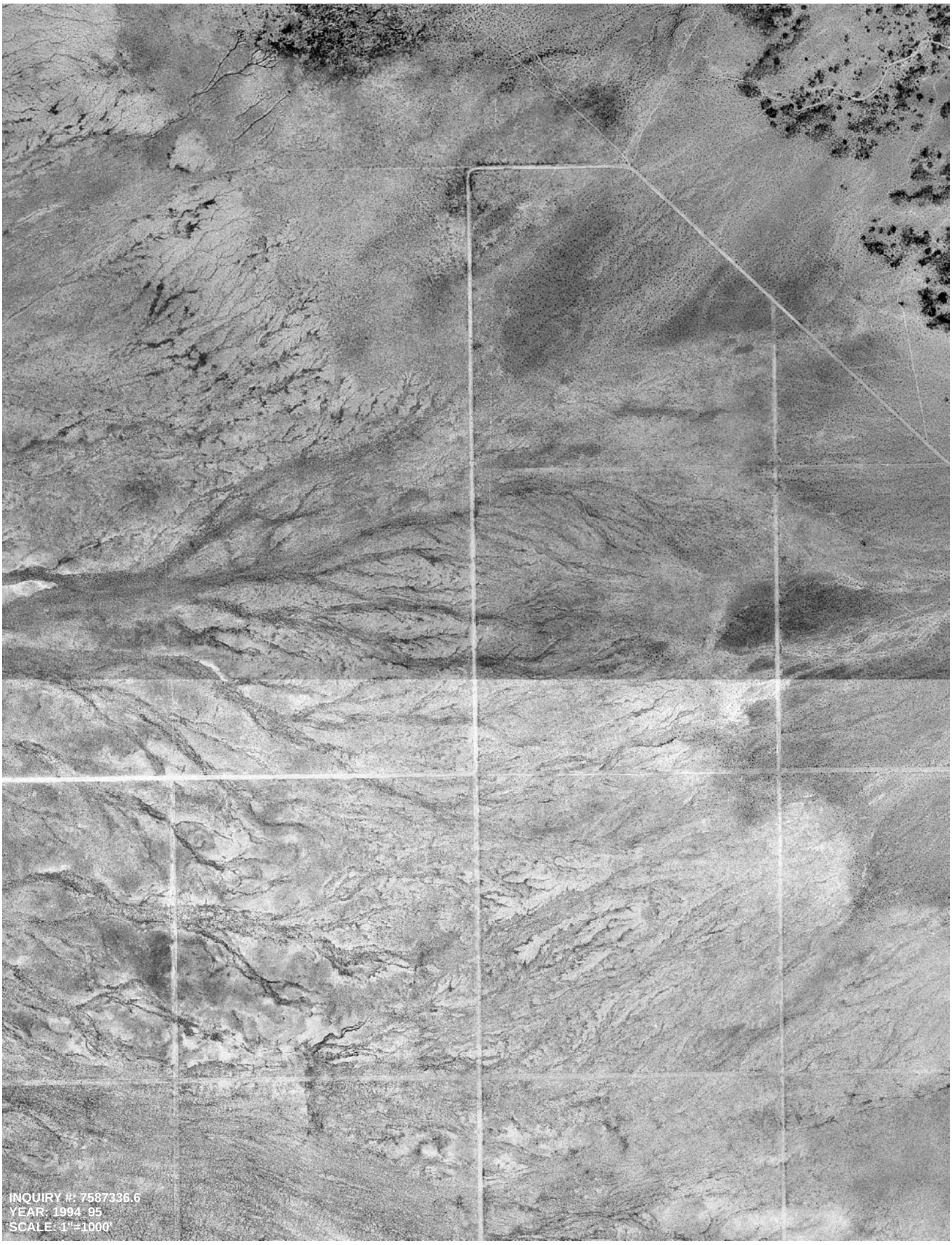
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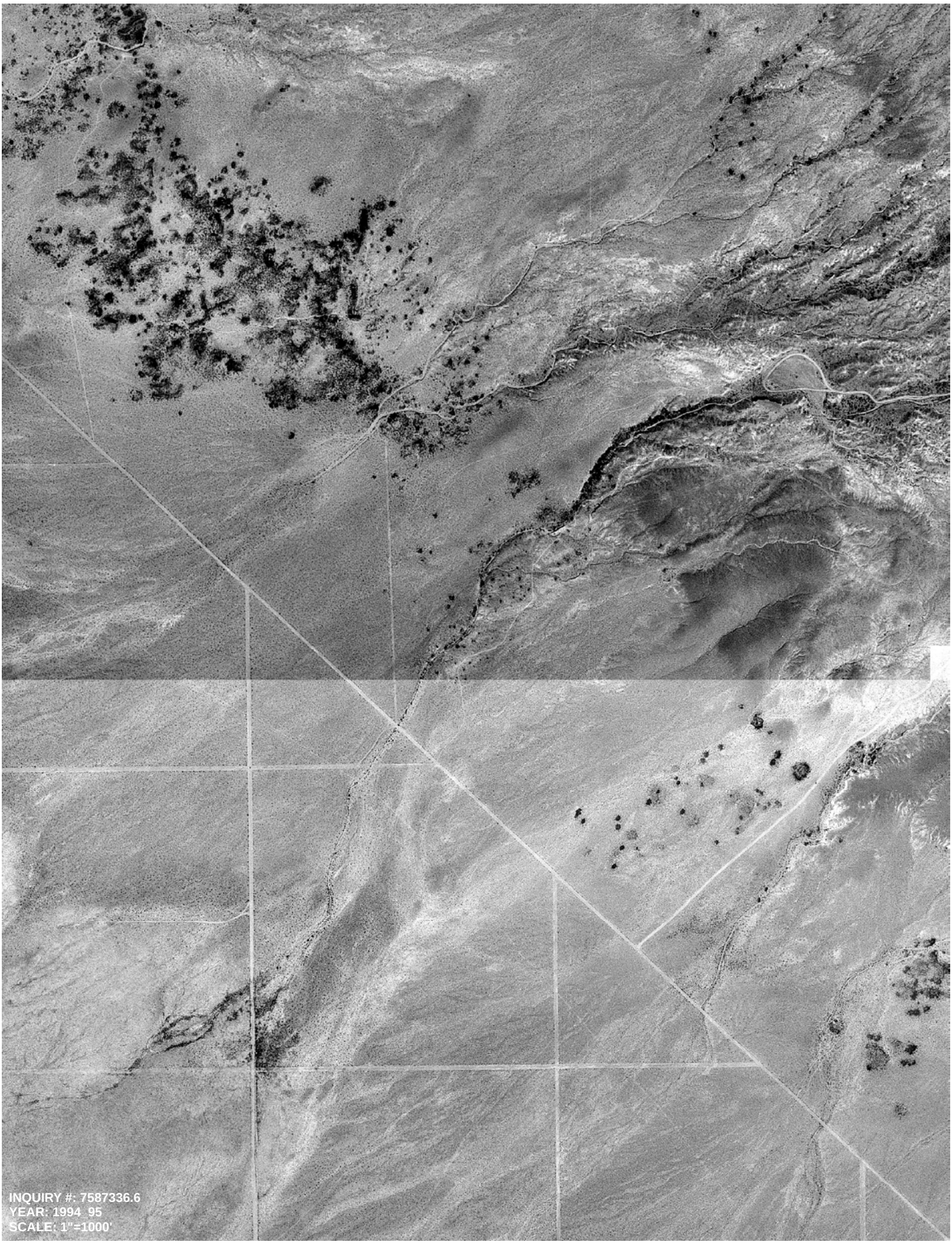

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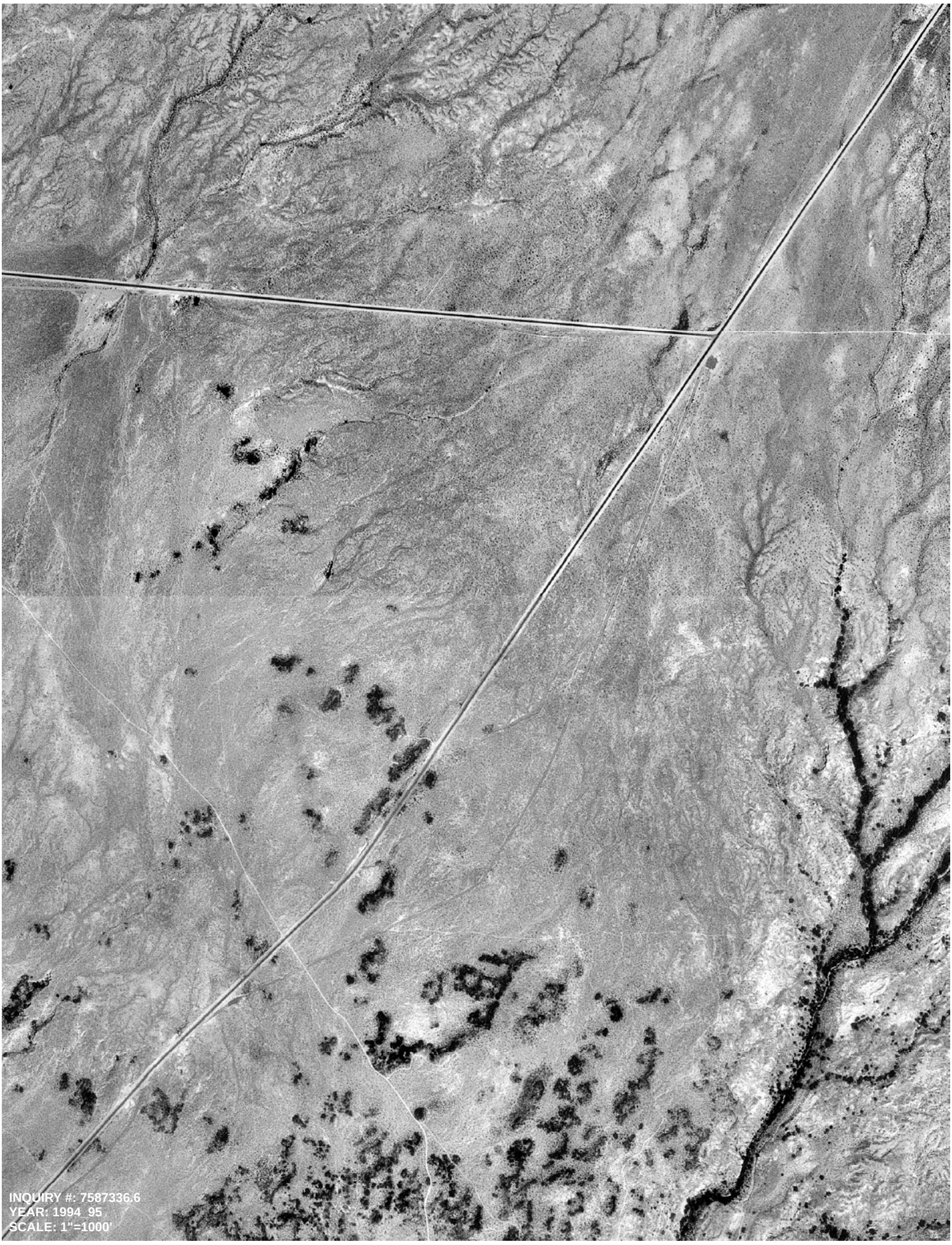

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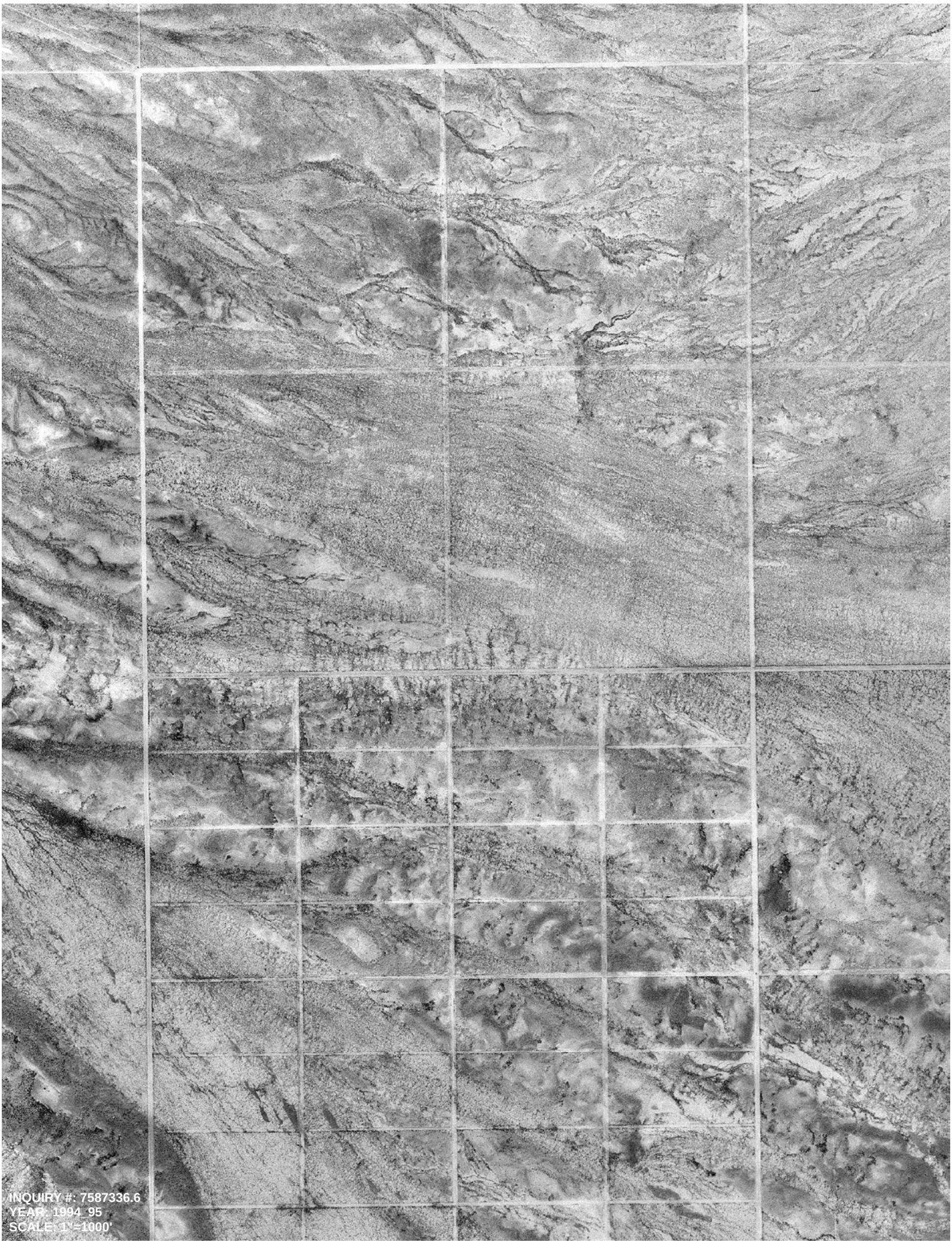


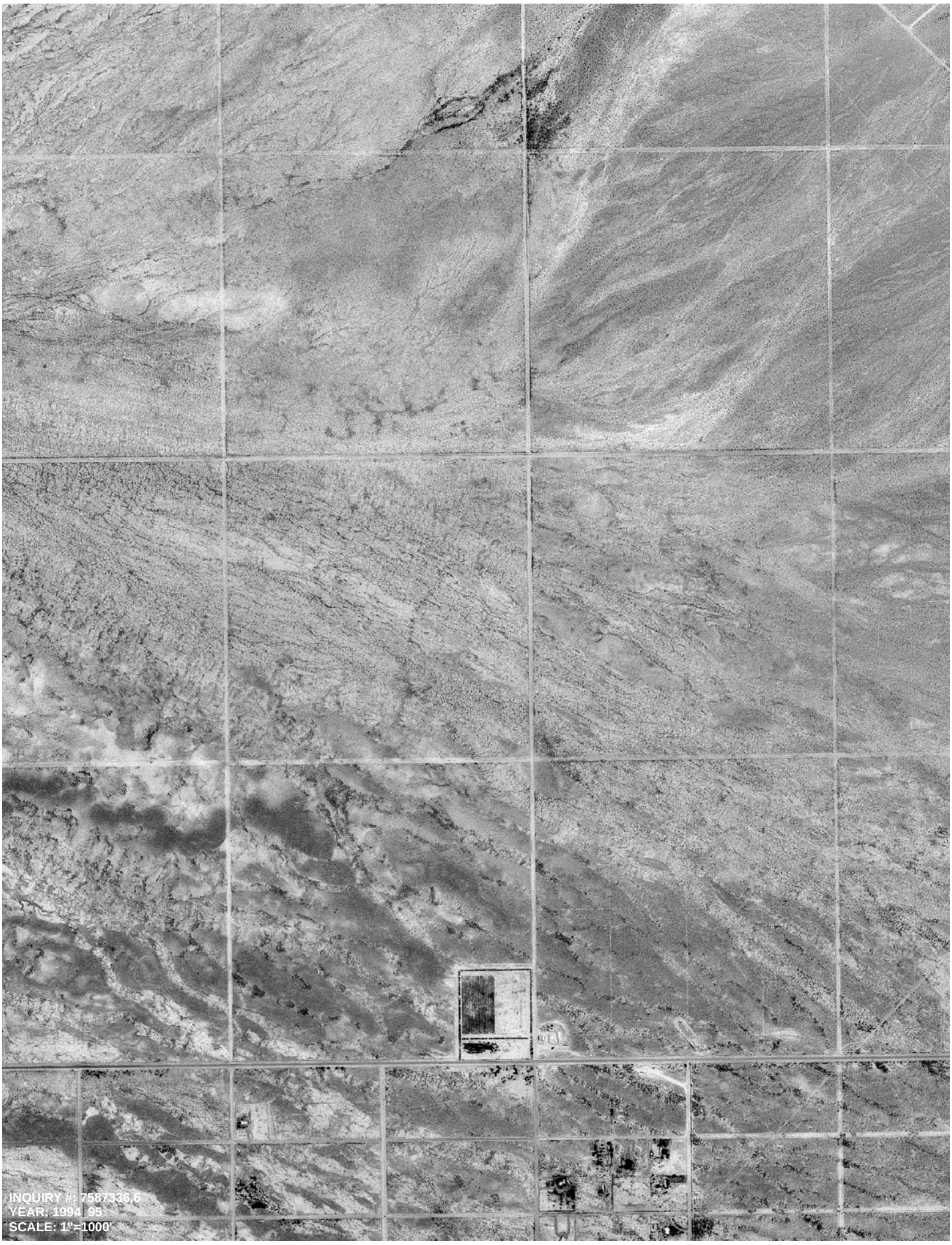
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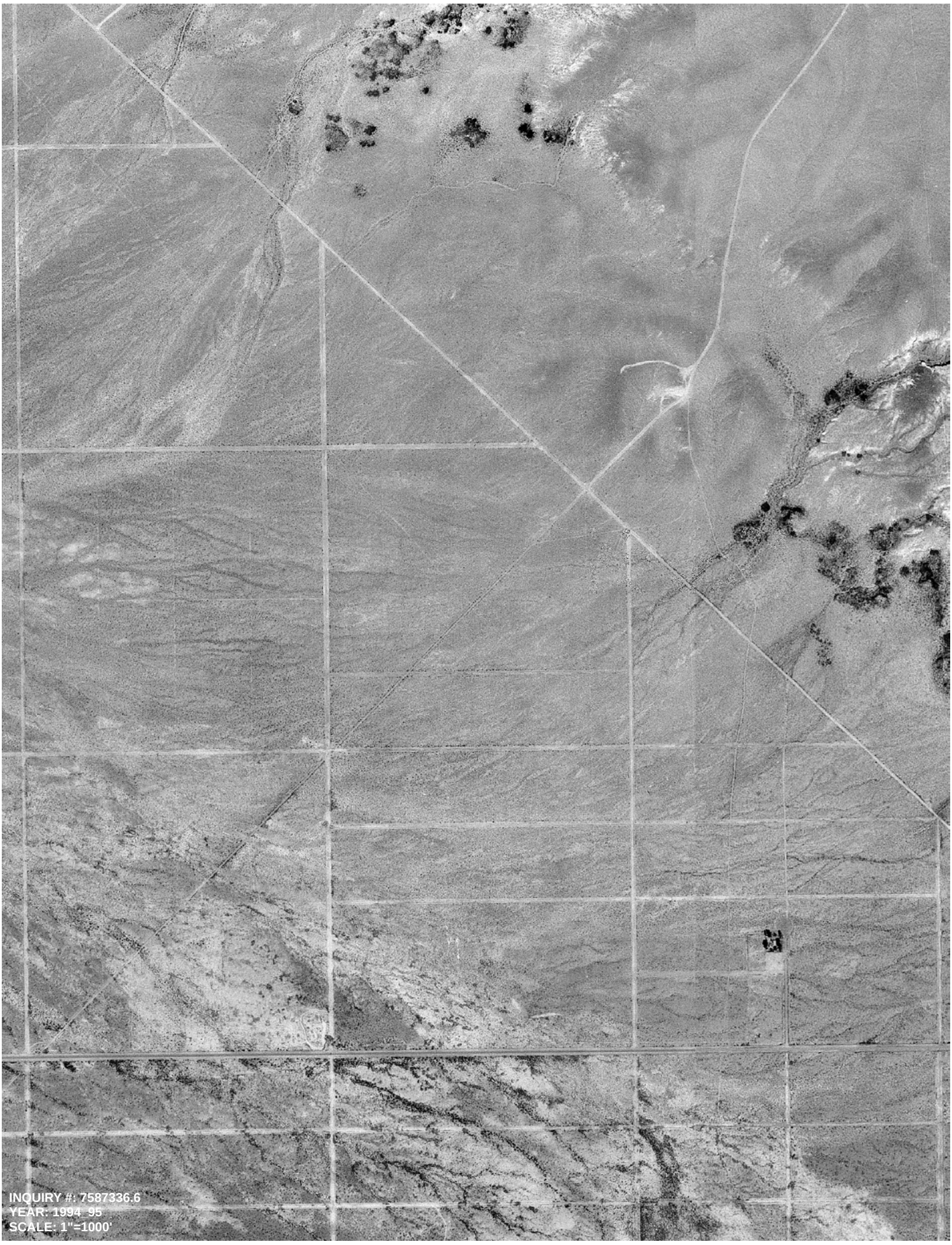

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YEAR: 1994_95
SCALE: 1"=1000'


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YEAR: 1994_95
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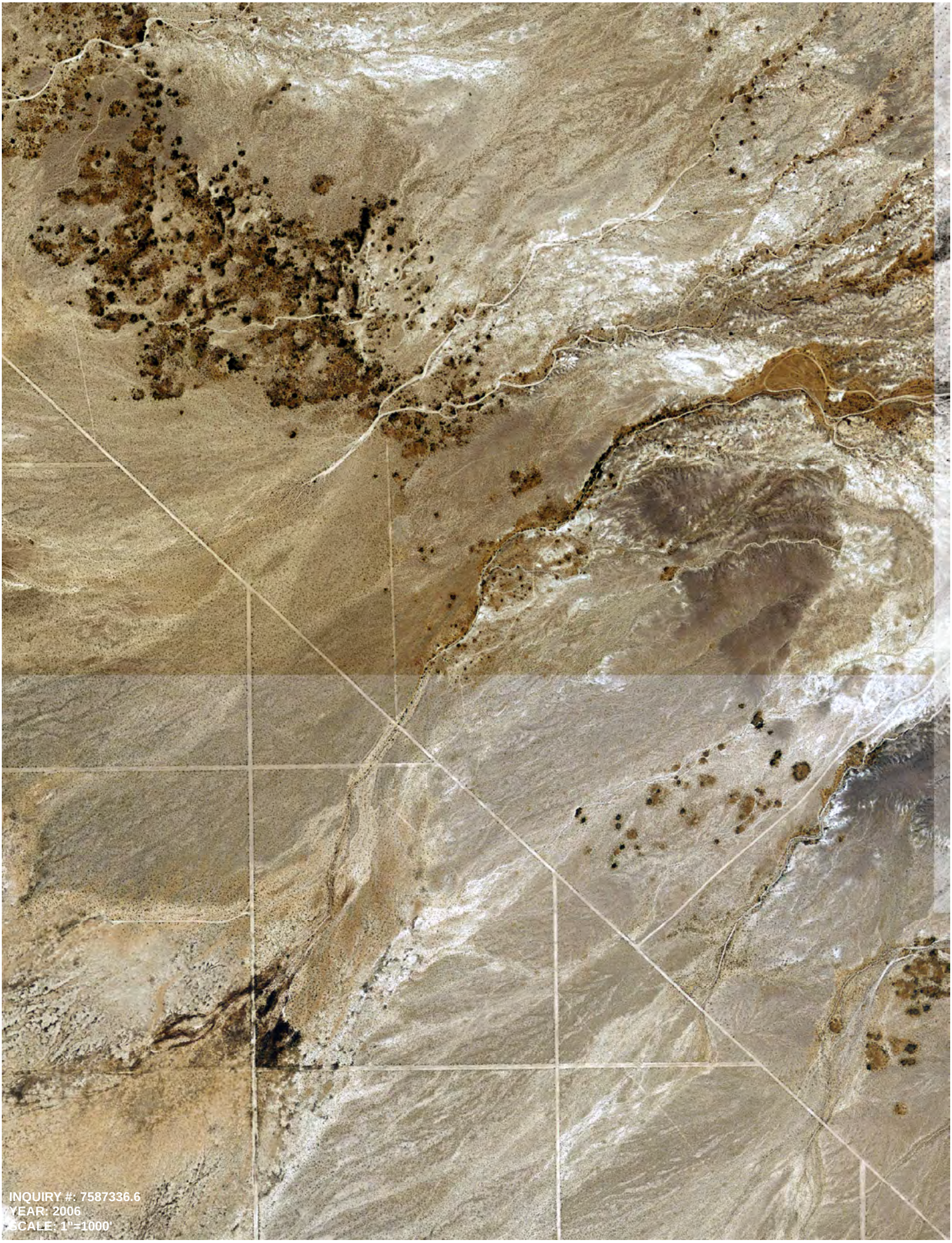

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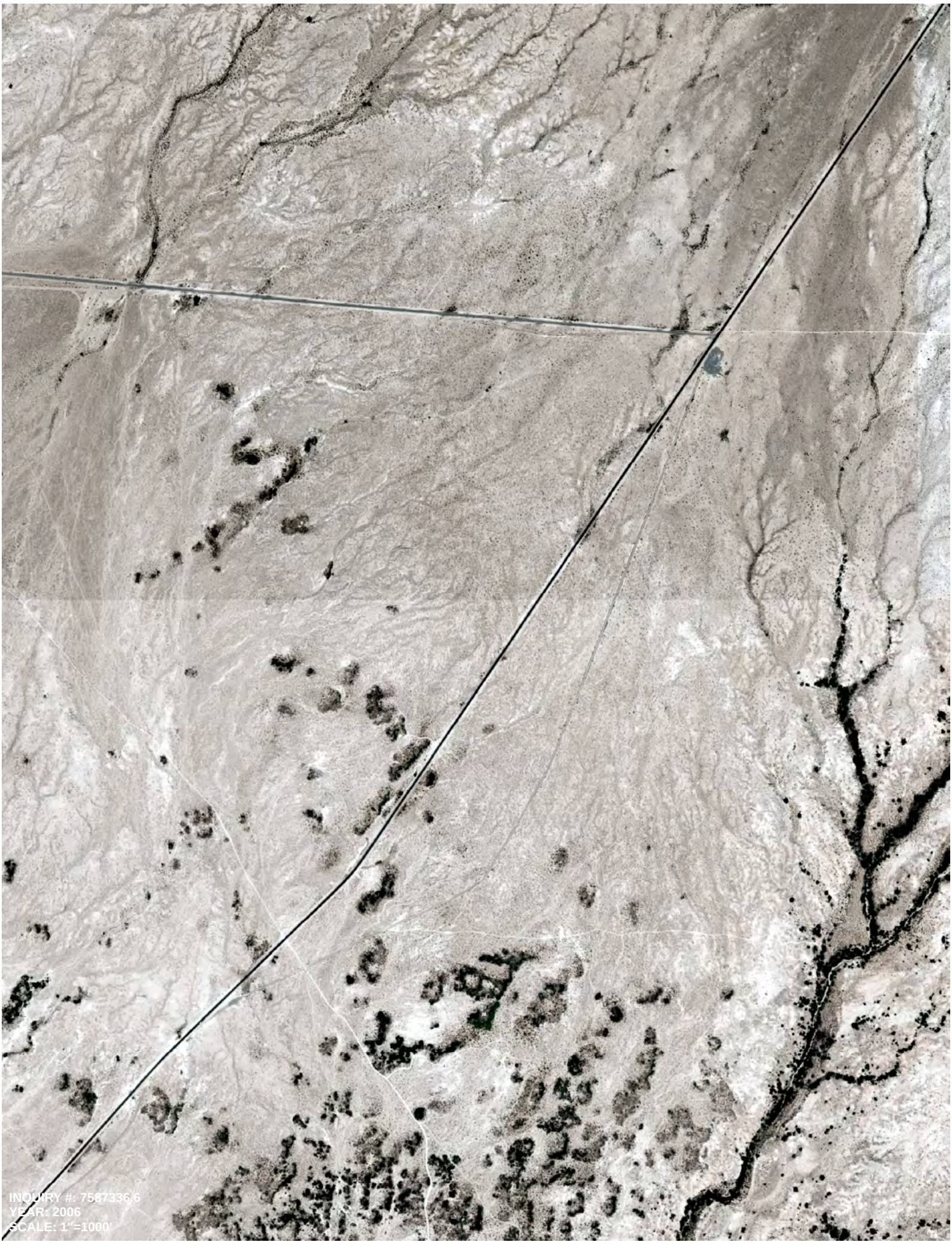

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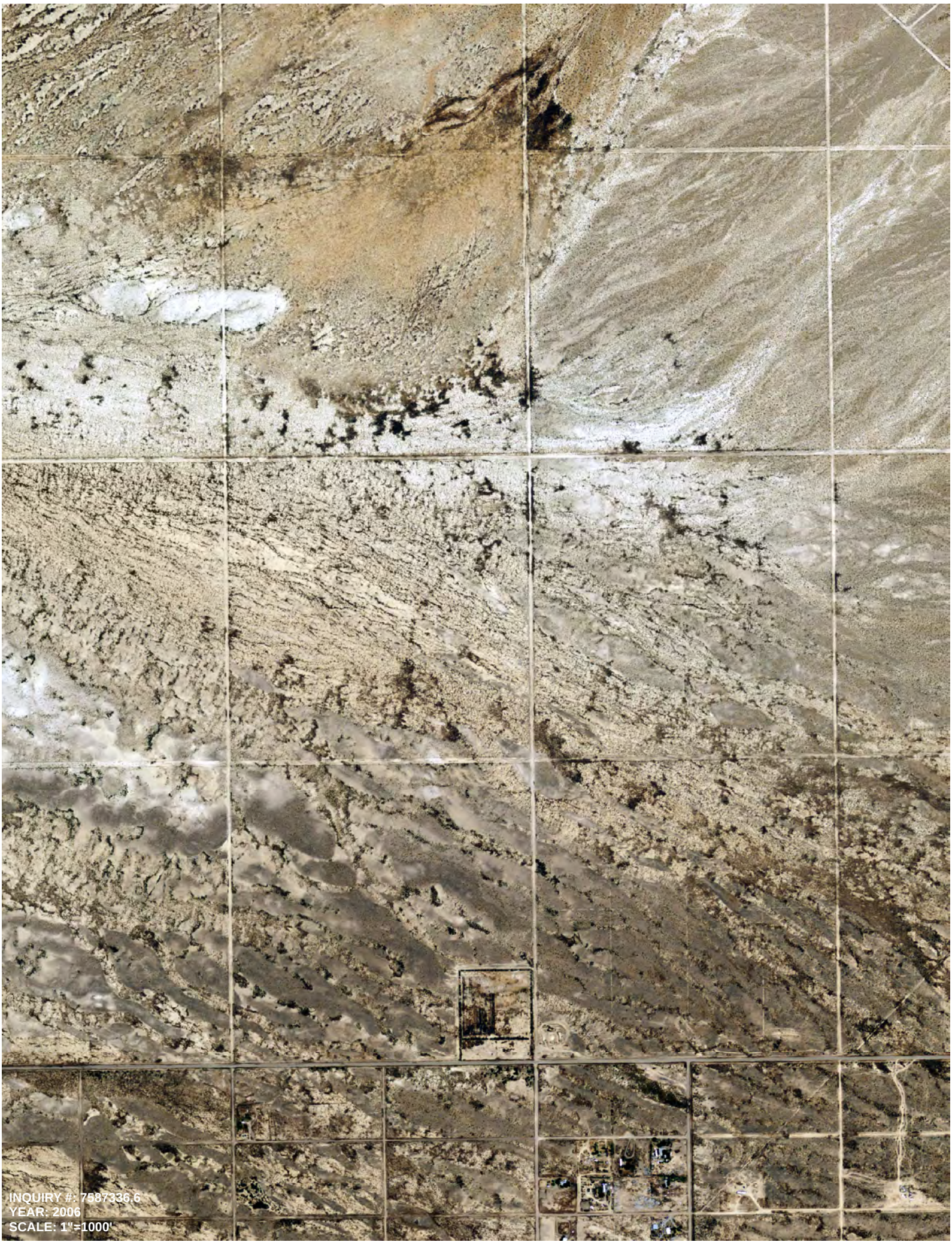

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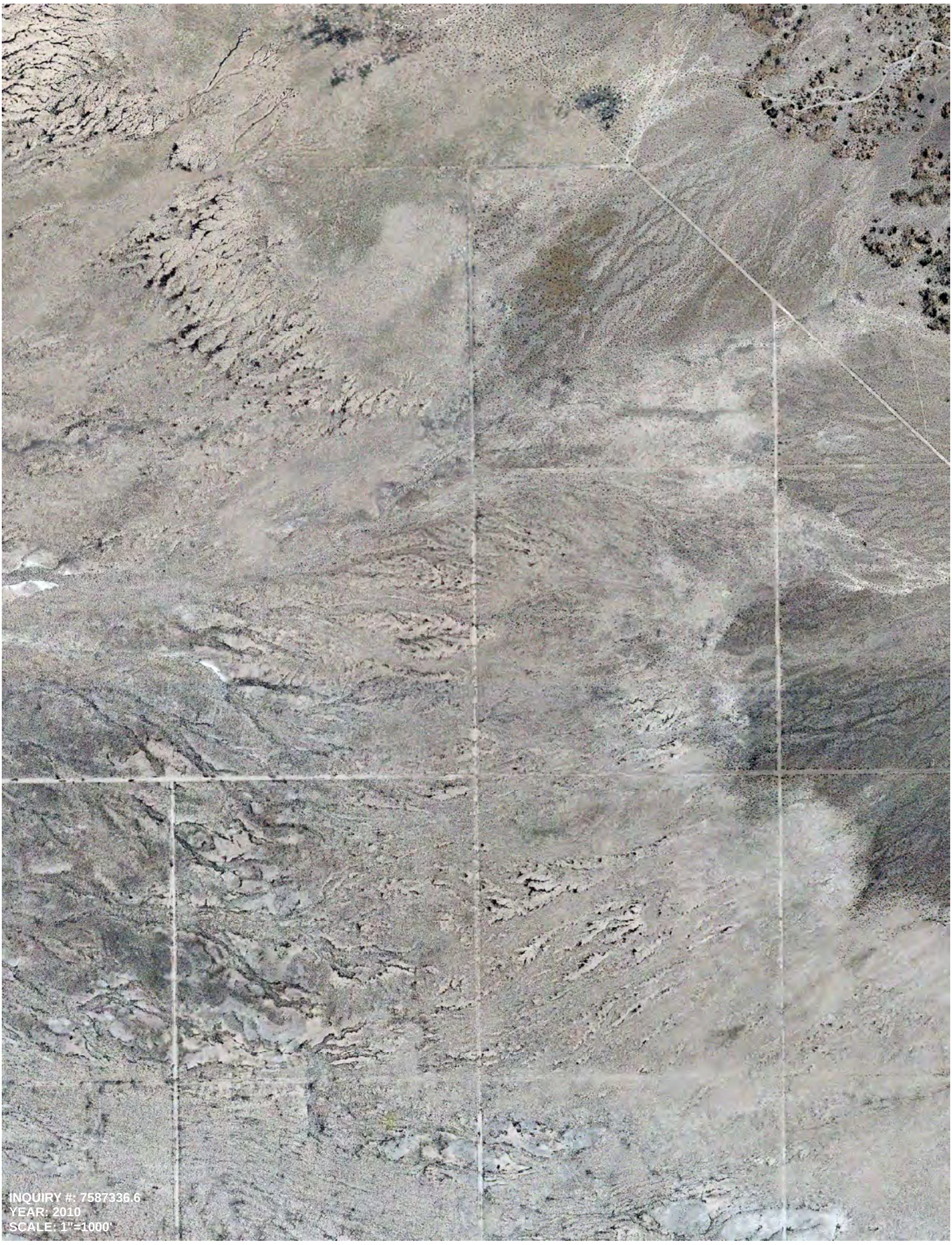

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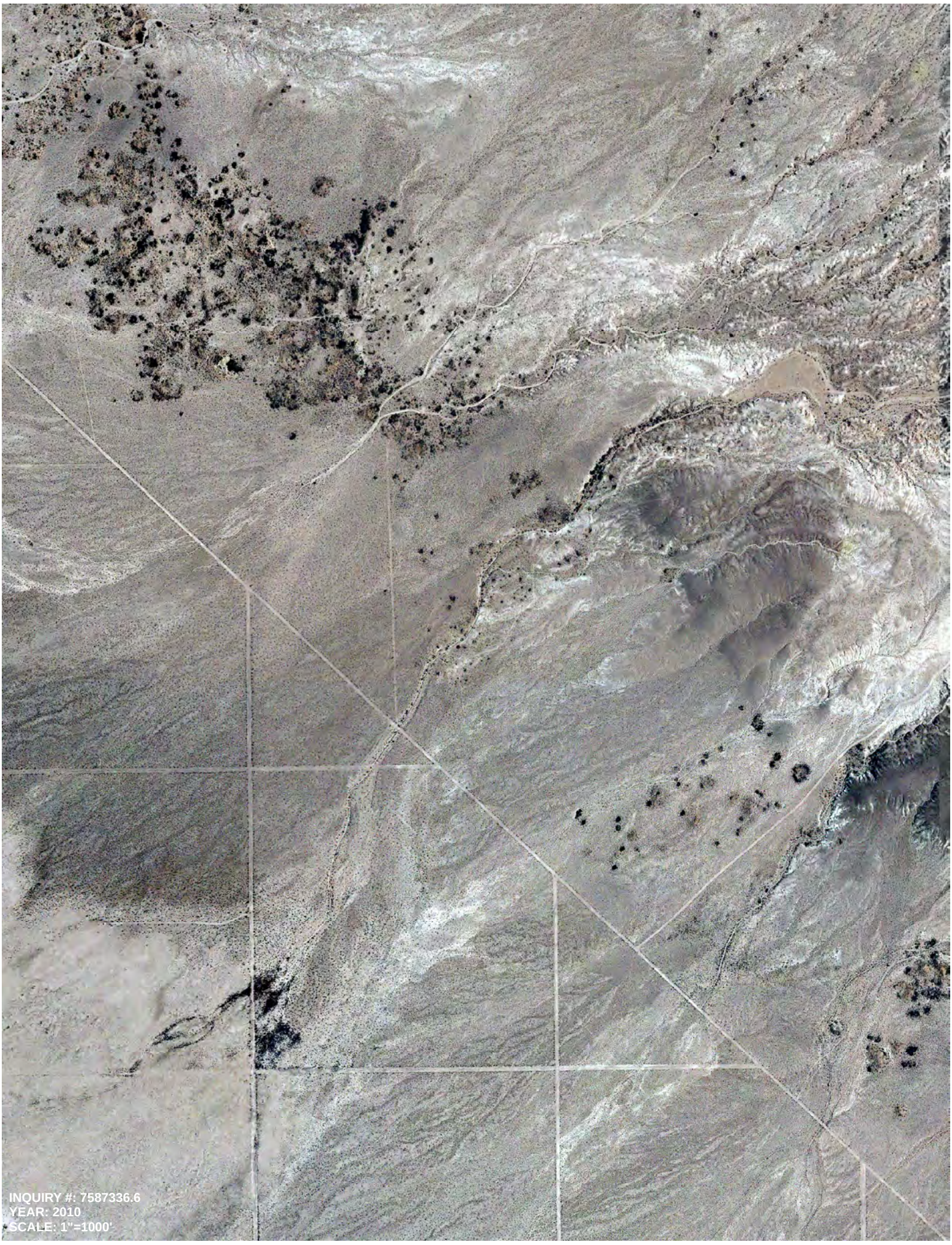

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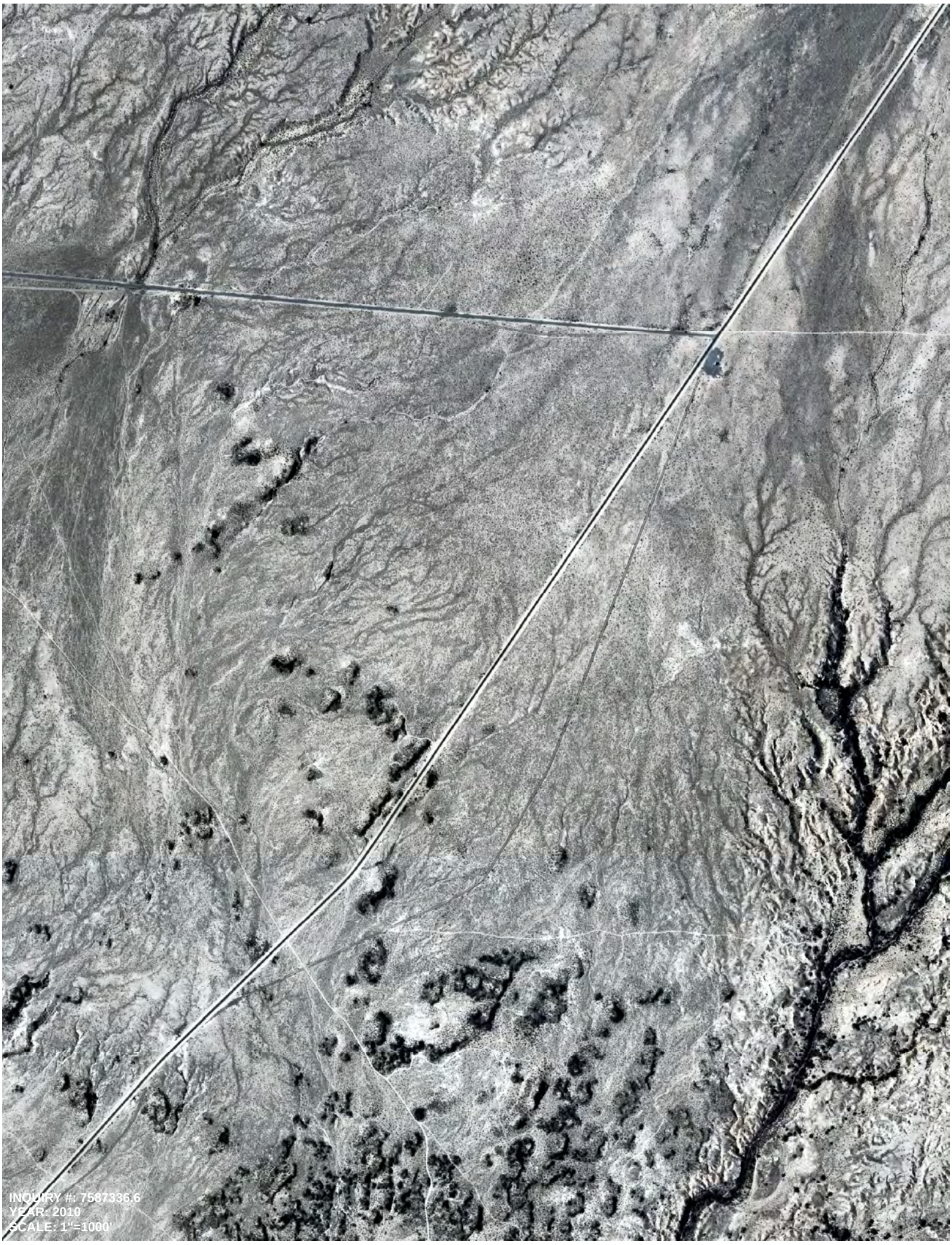

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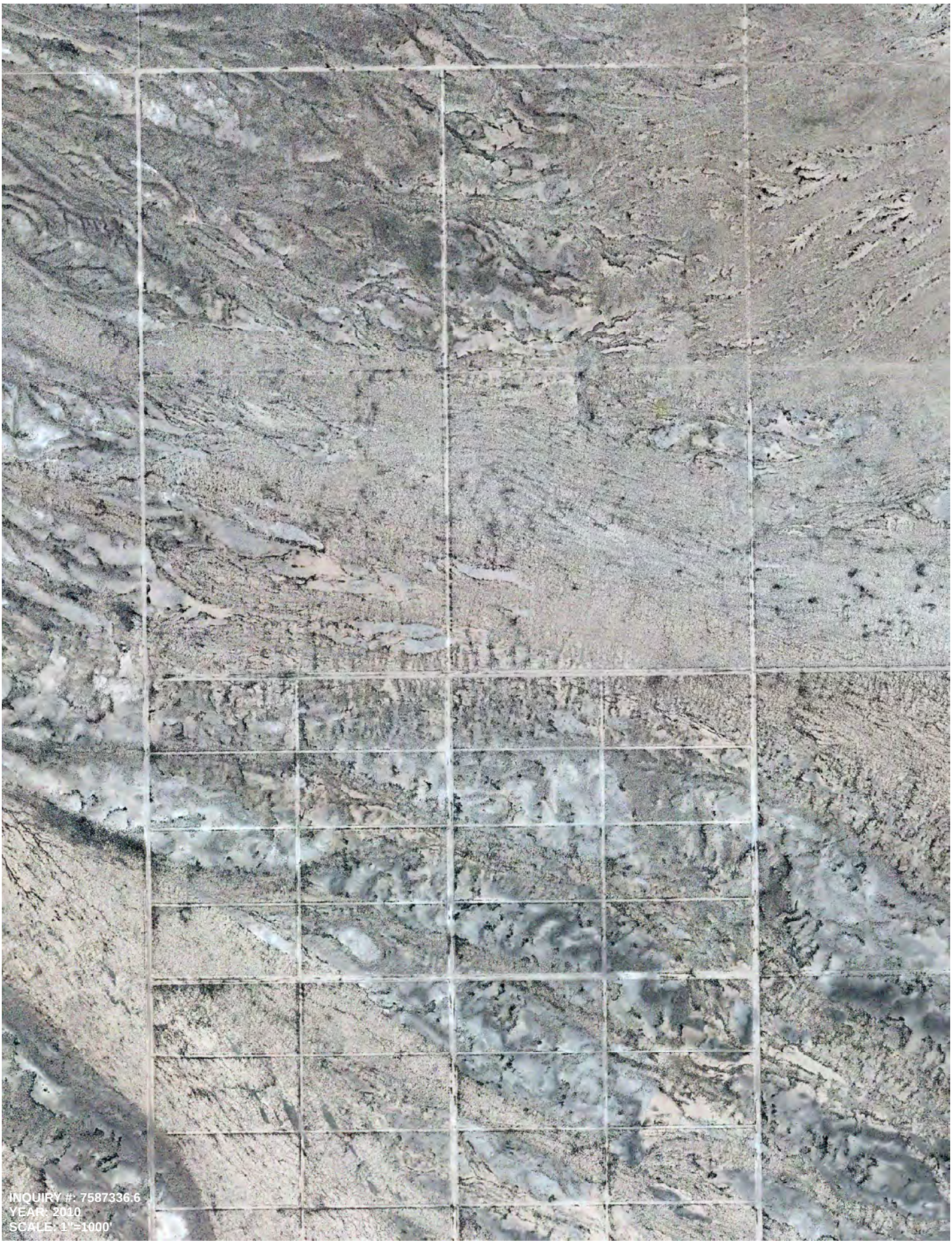

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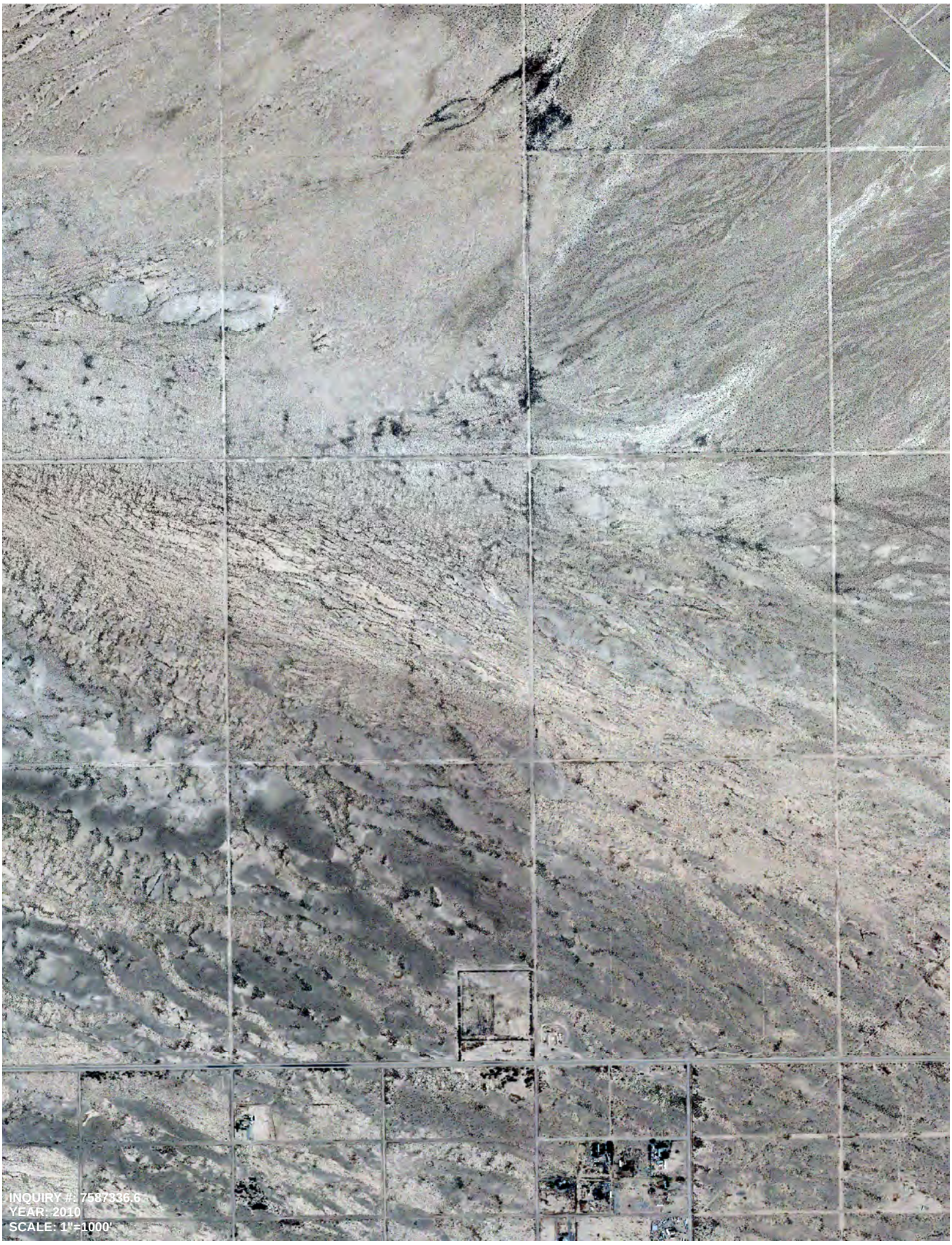

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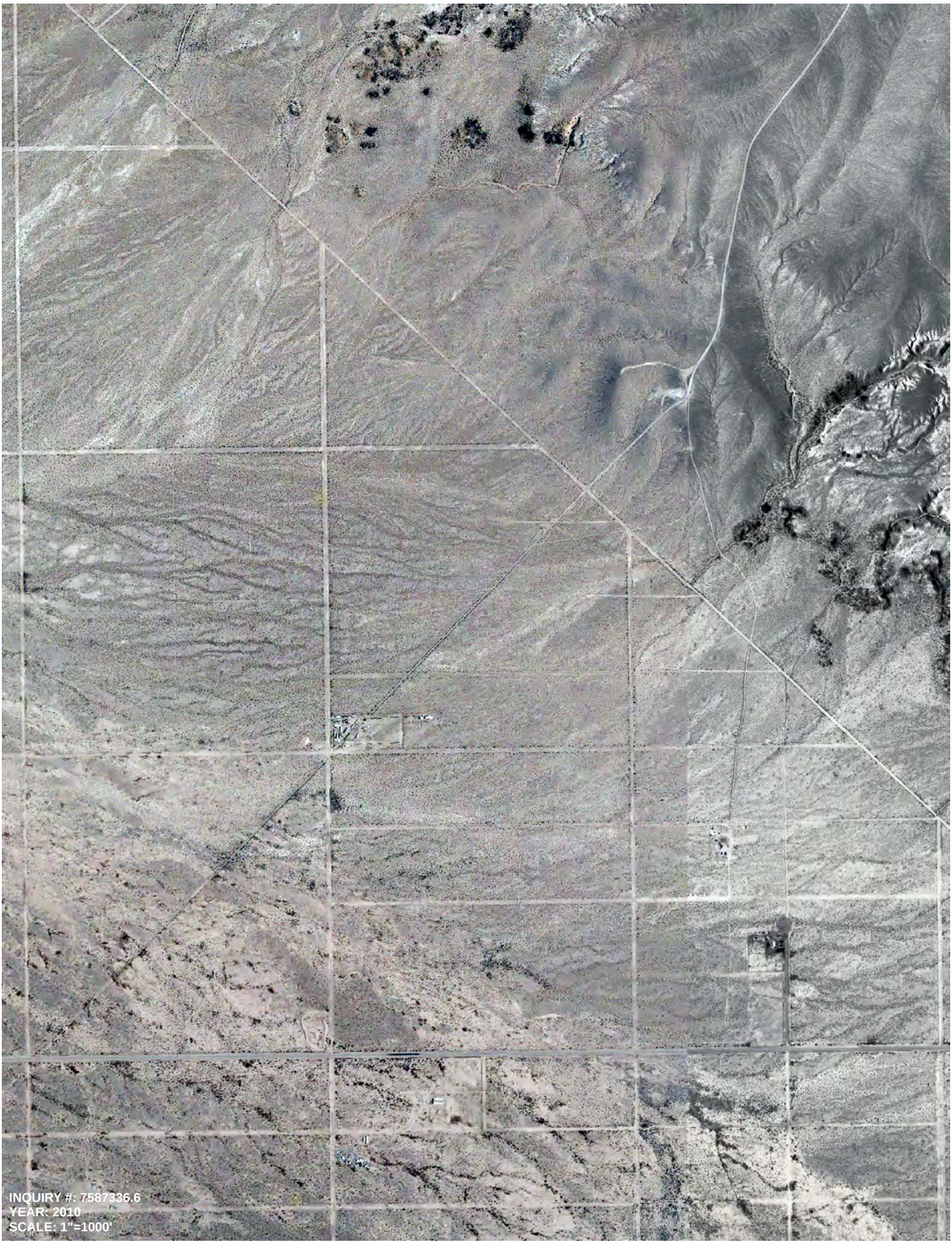

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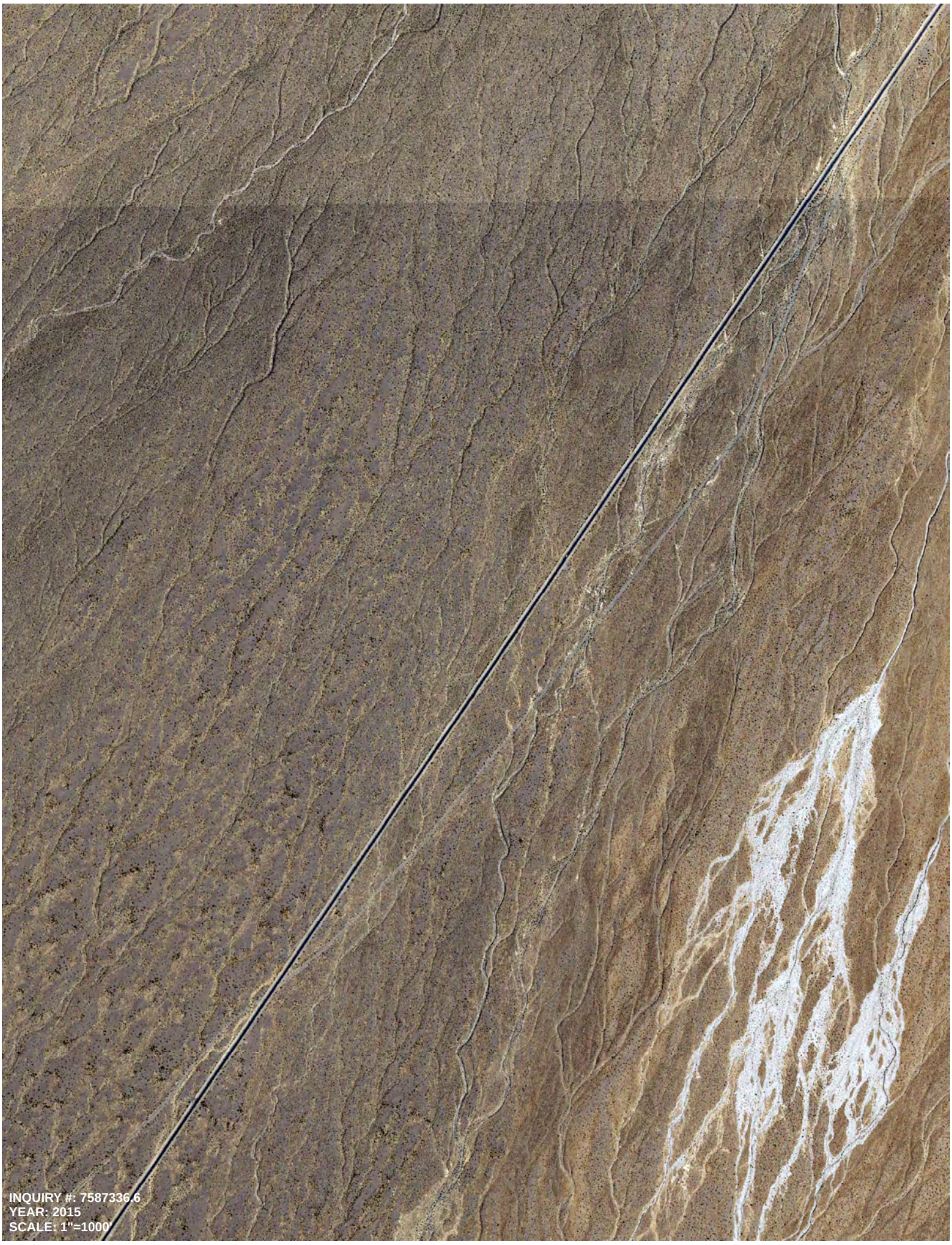

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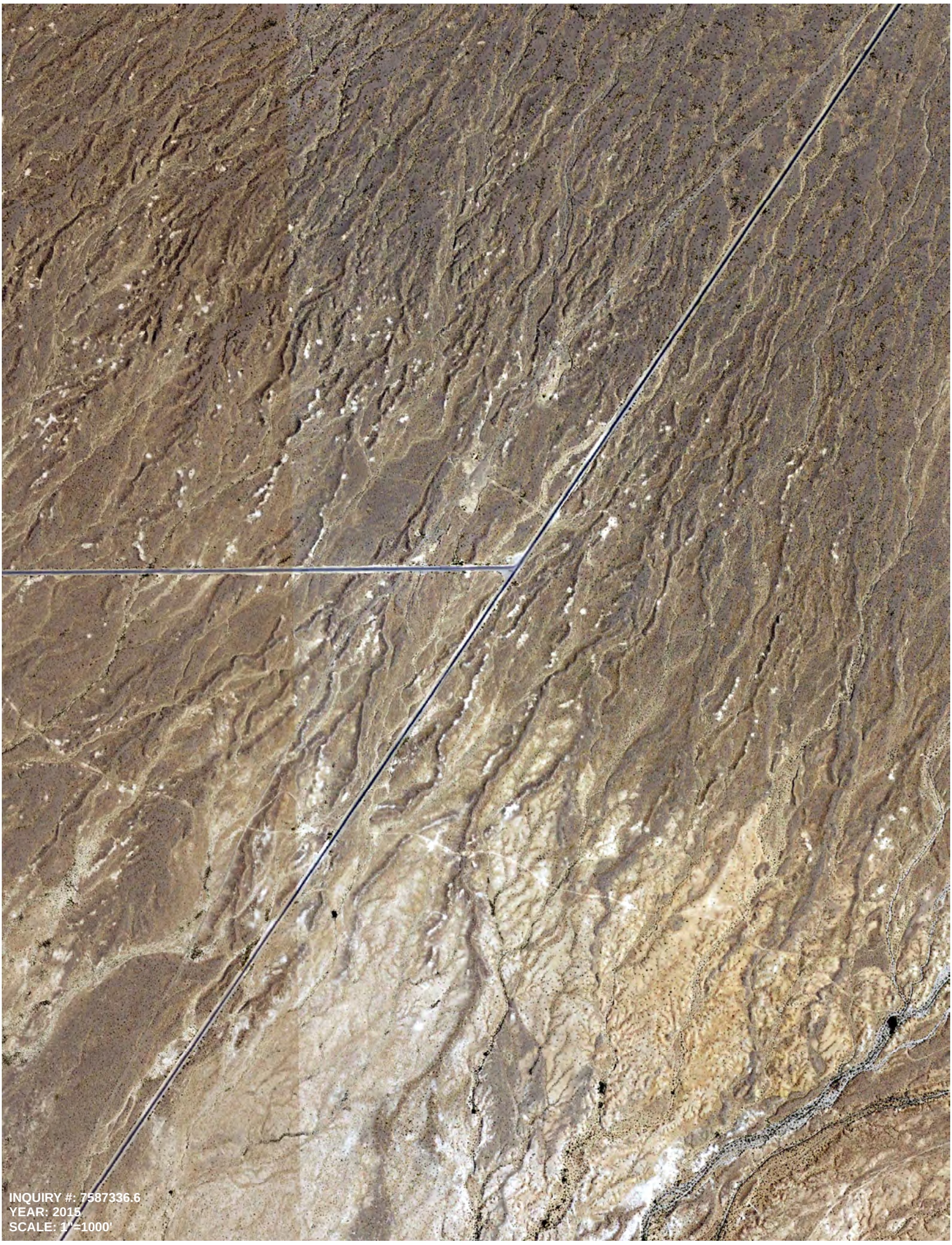


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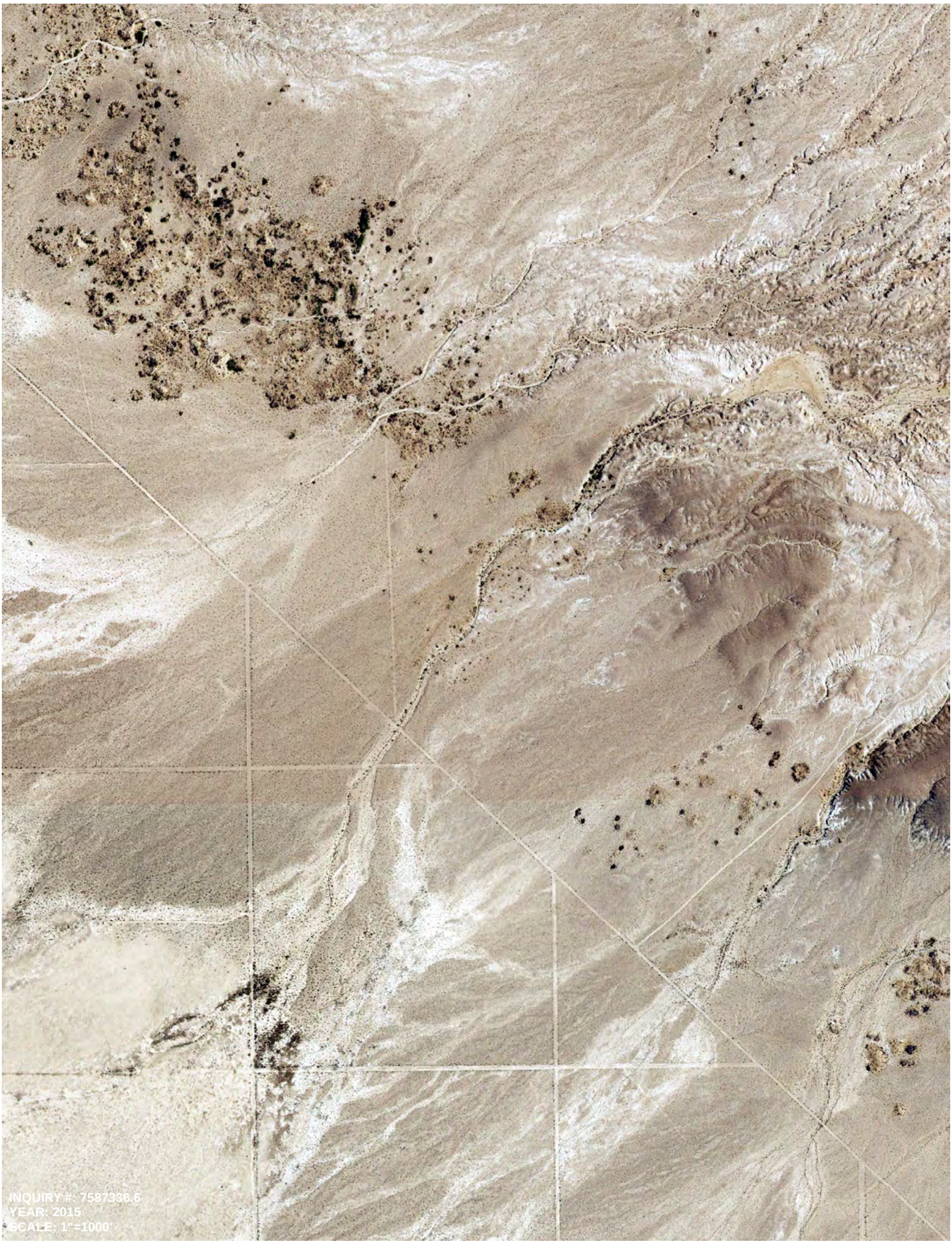

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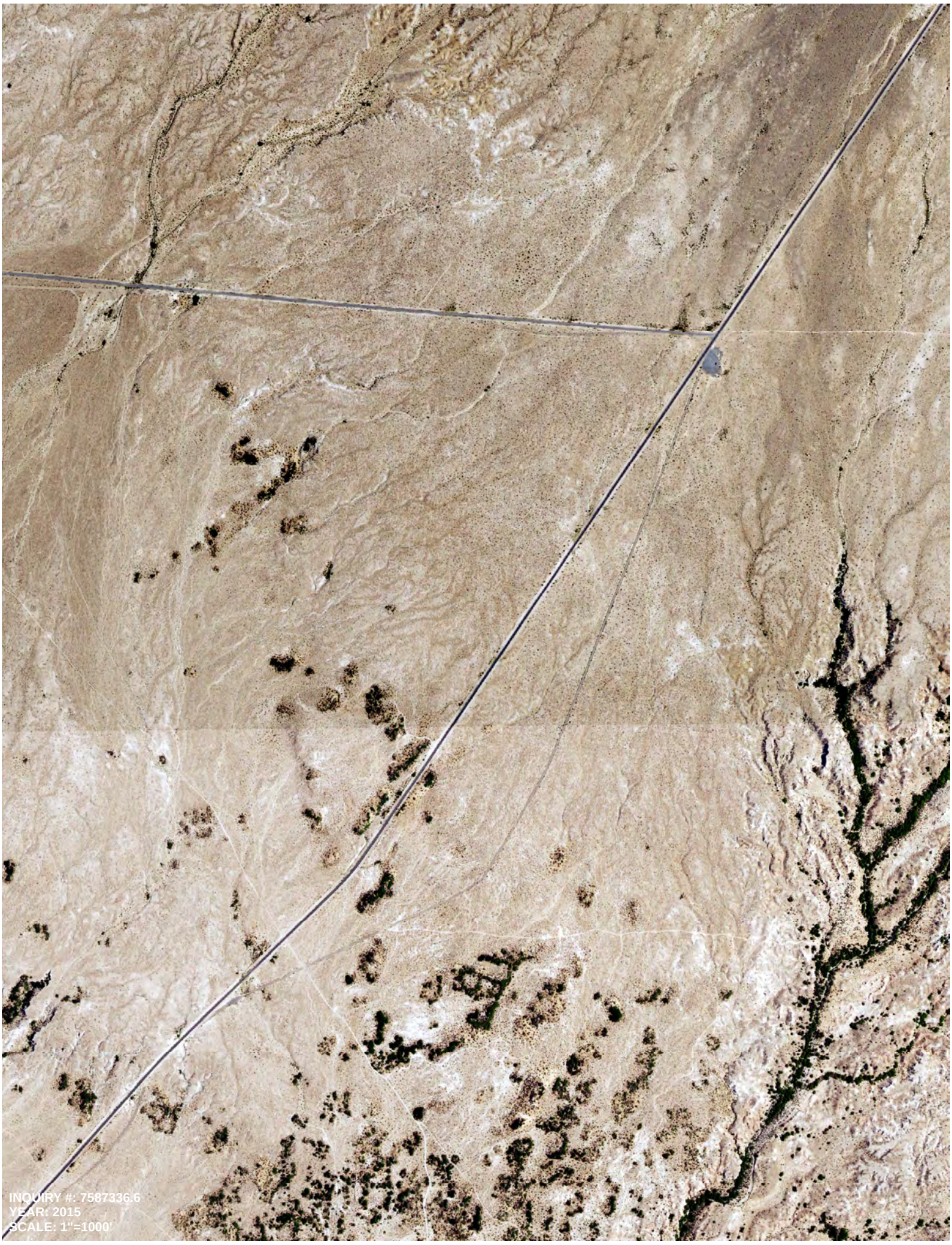

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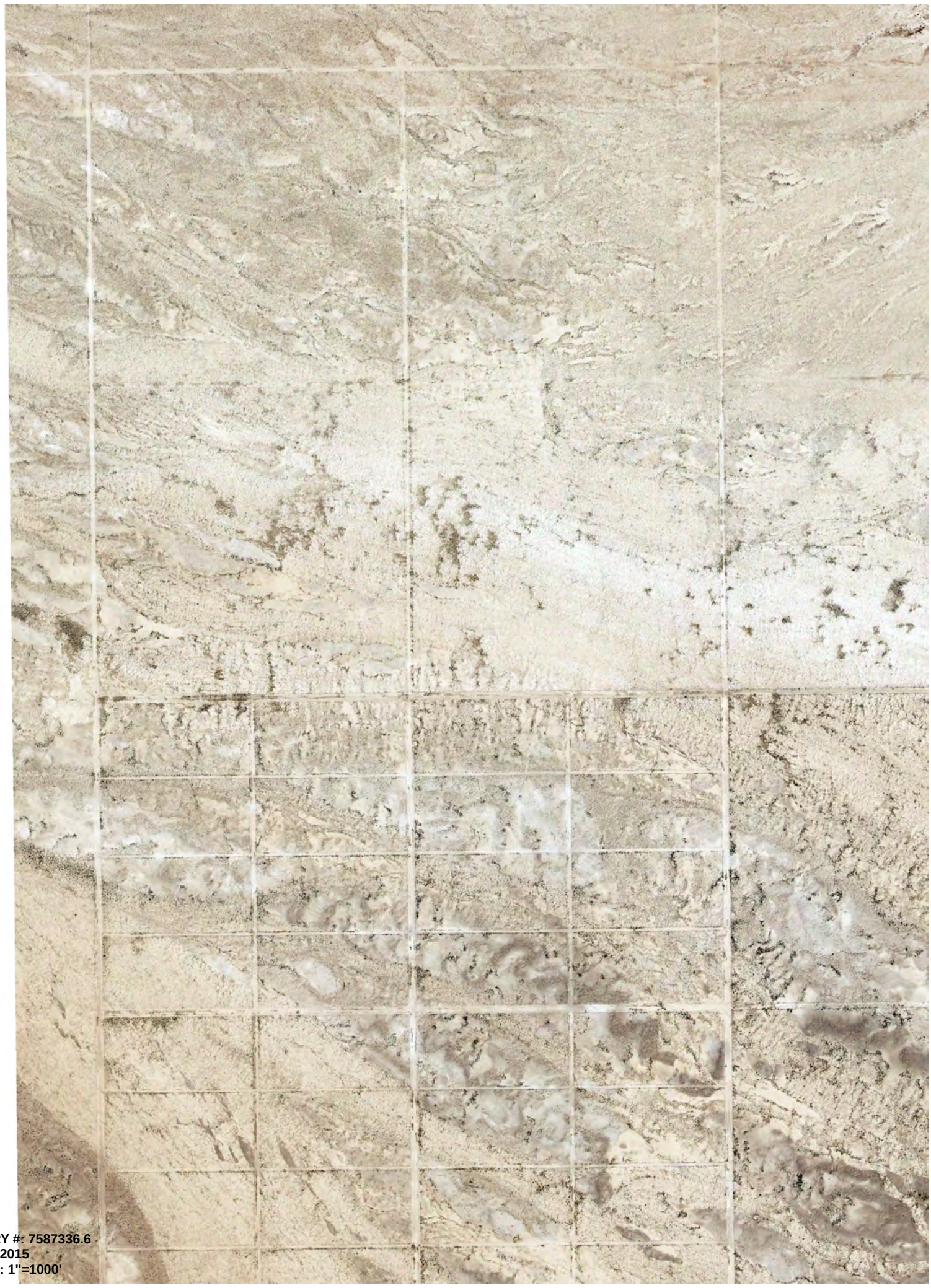

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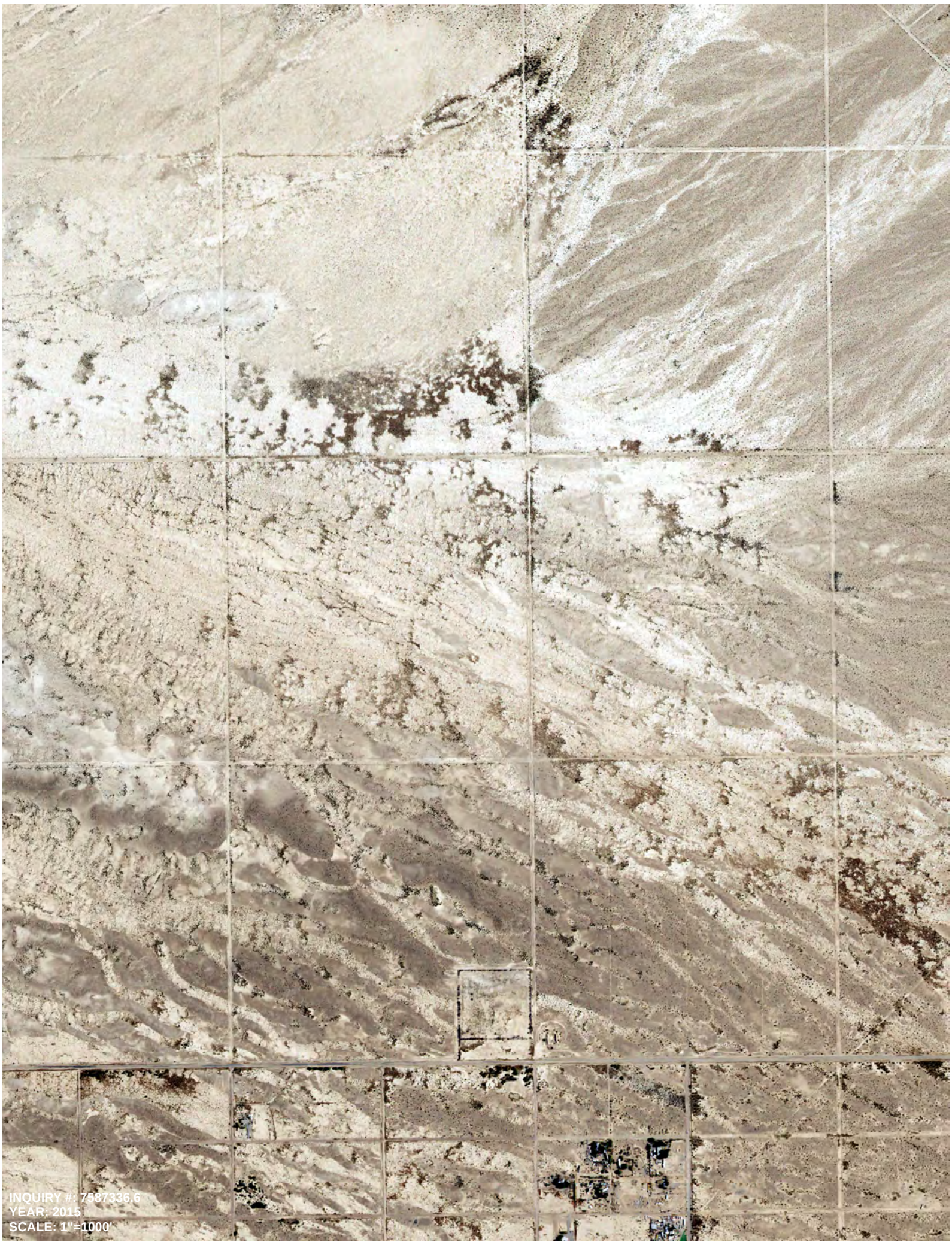

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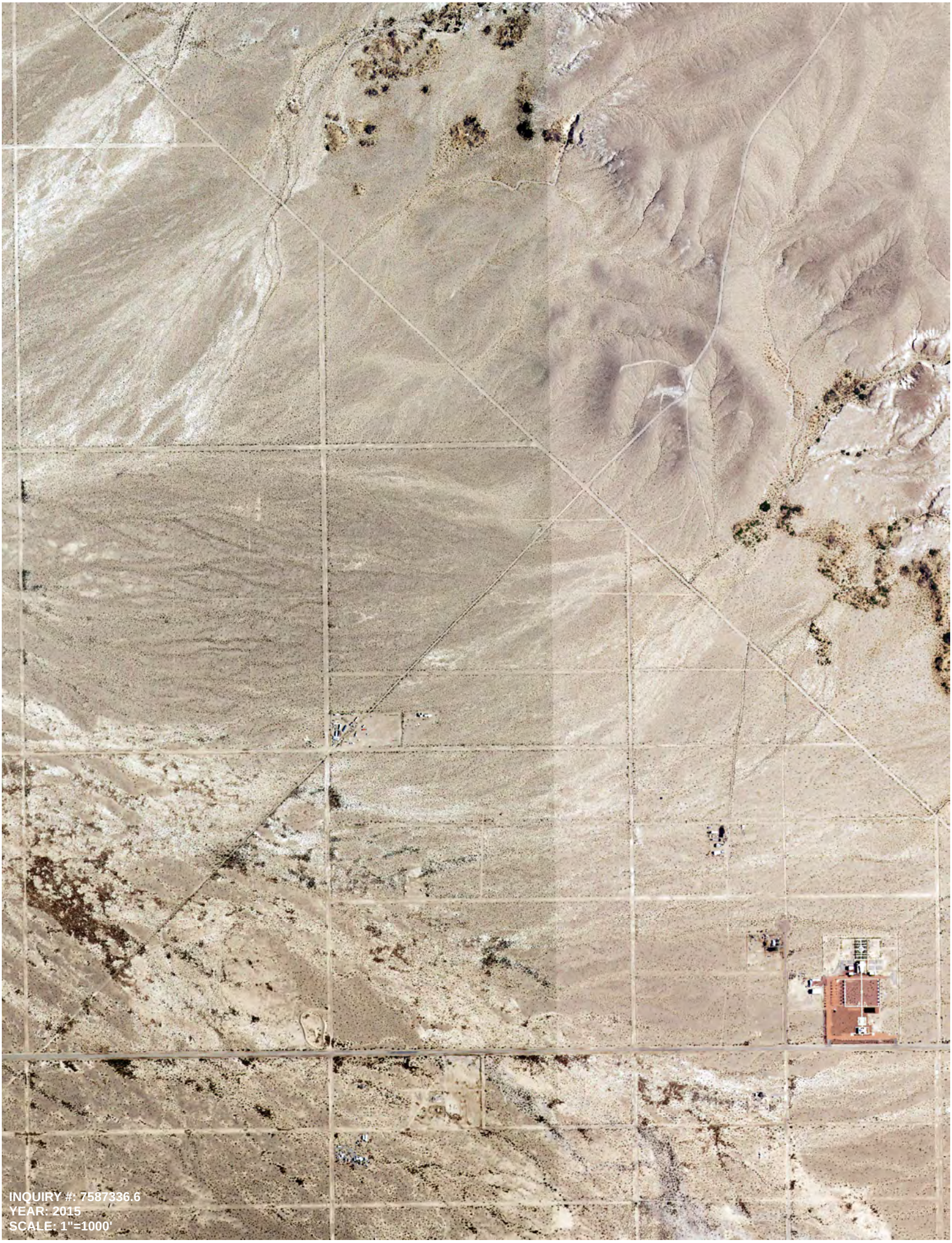

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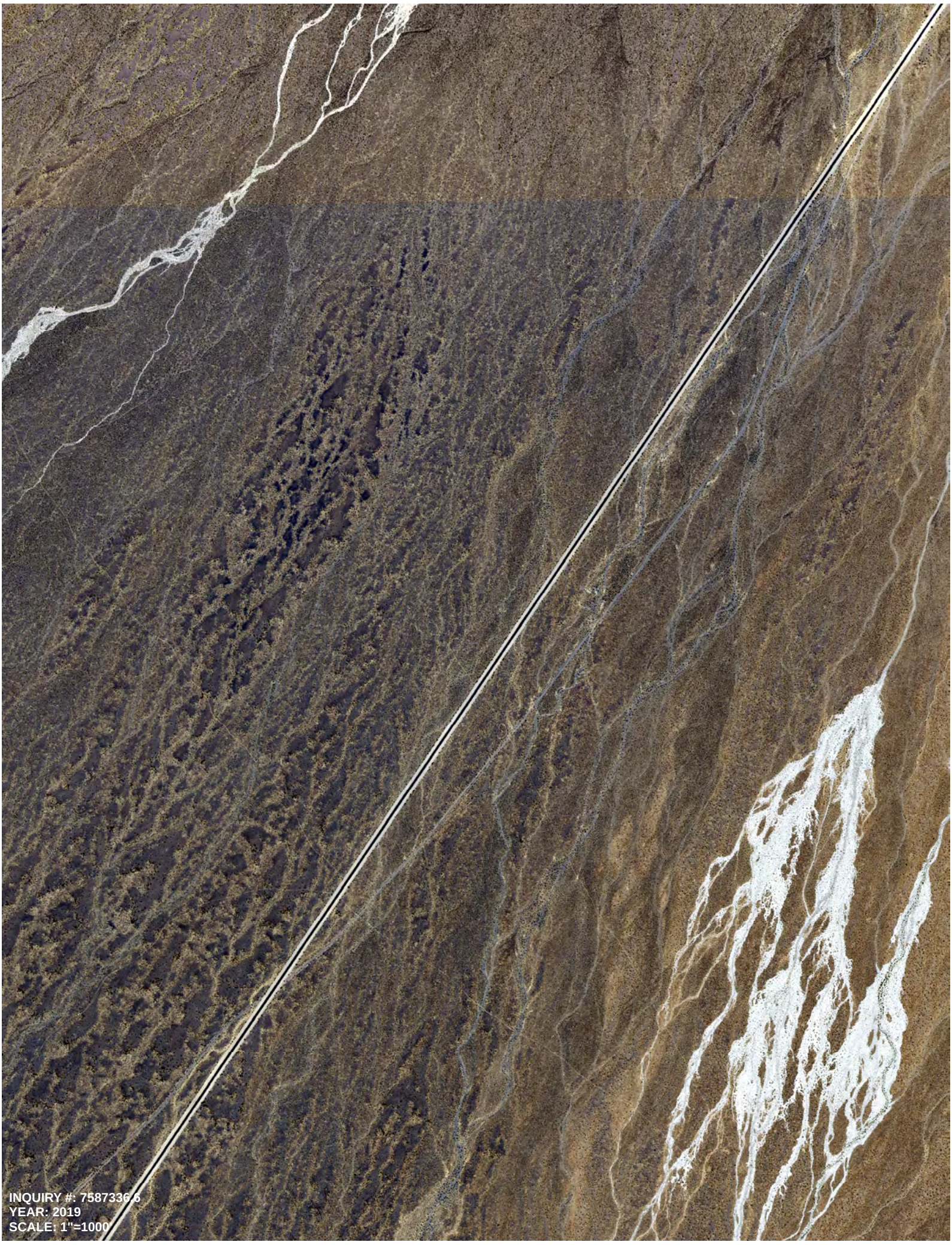
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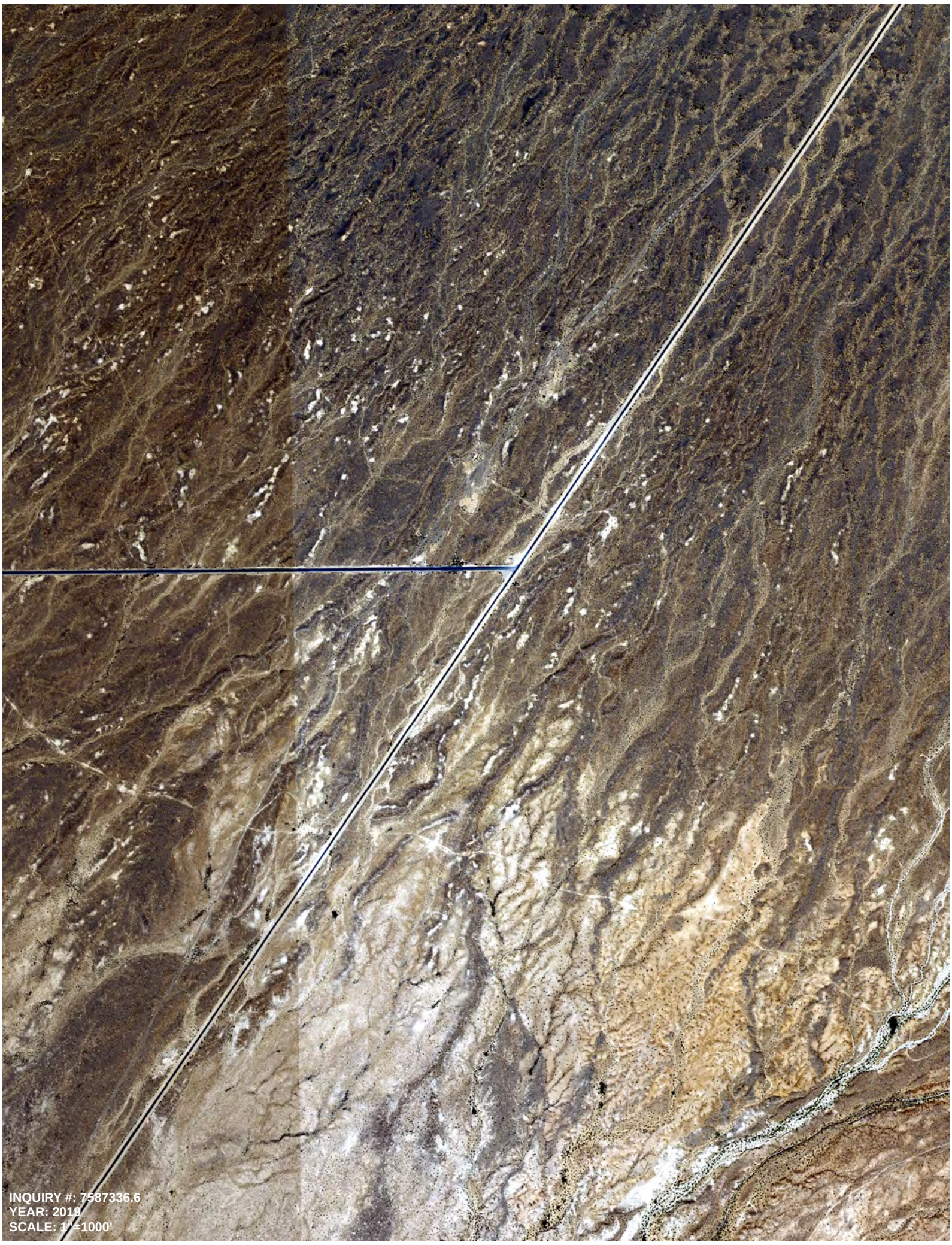

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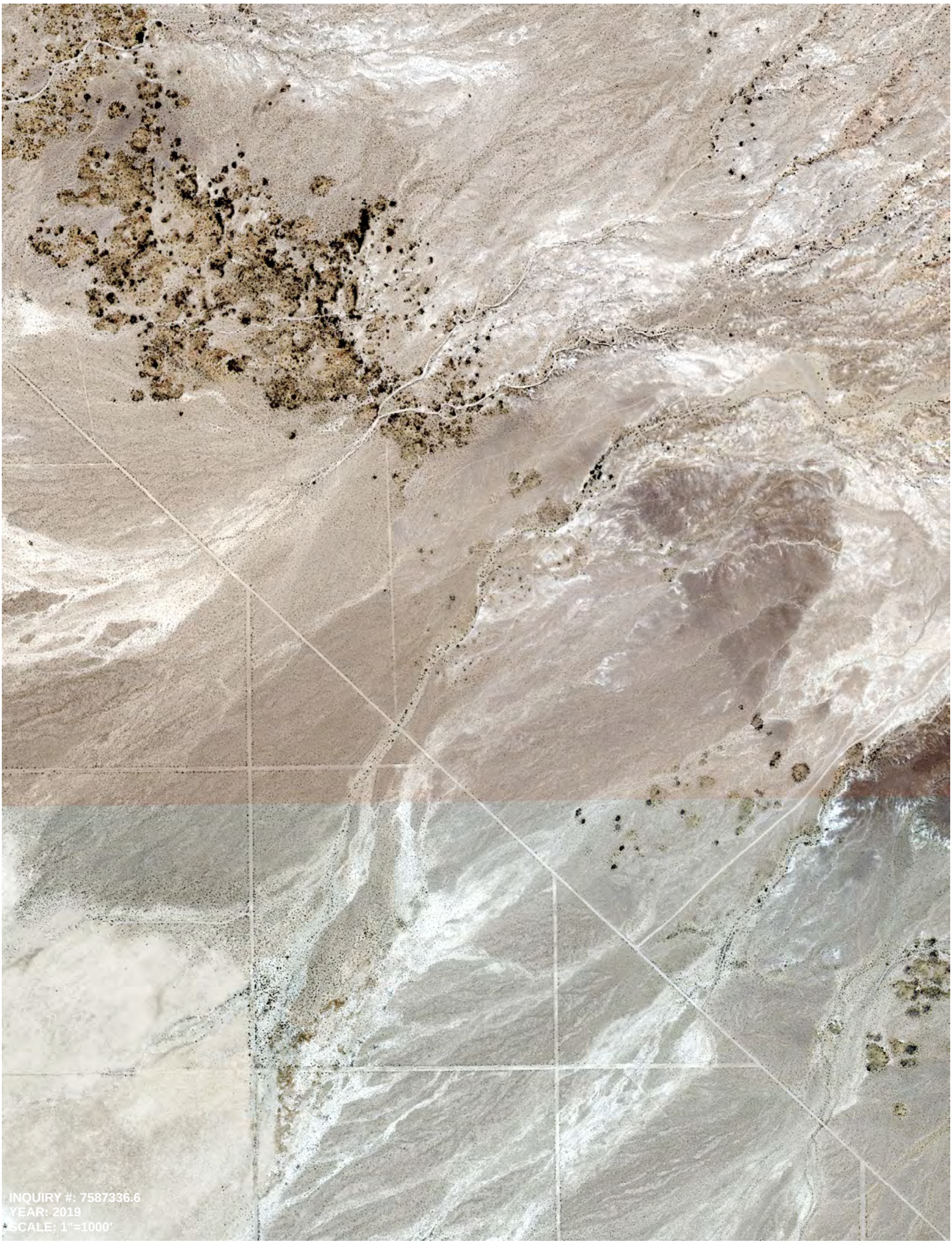
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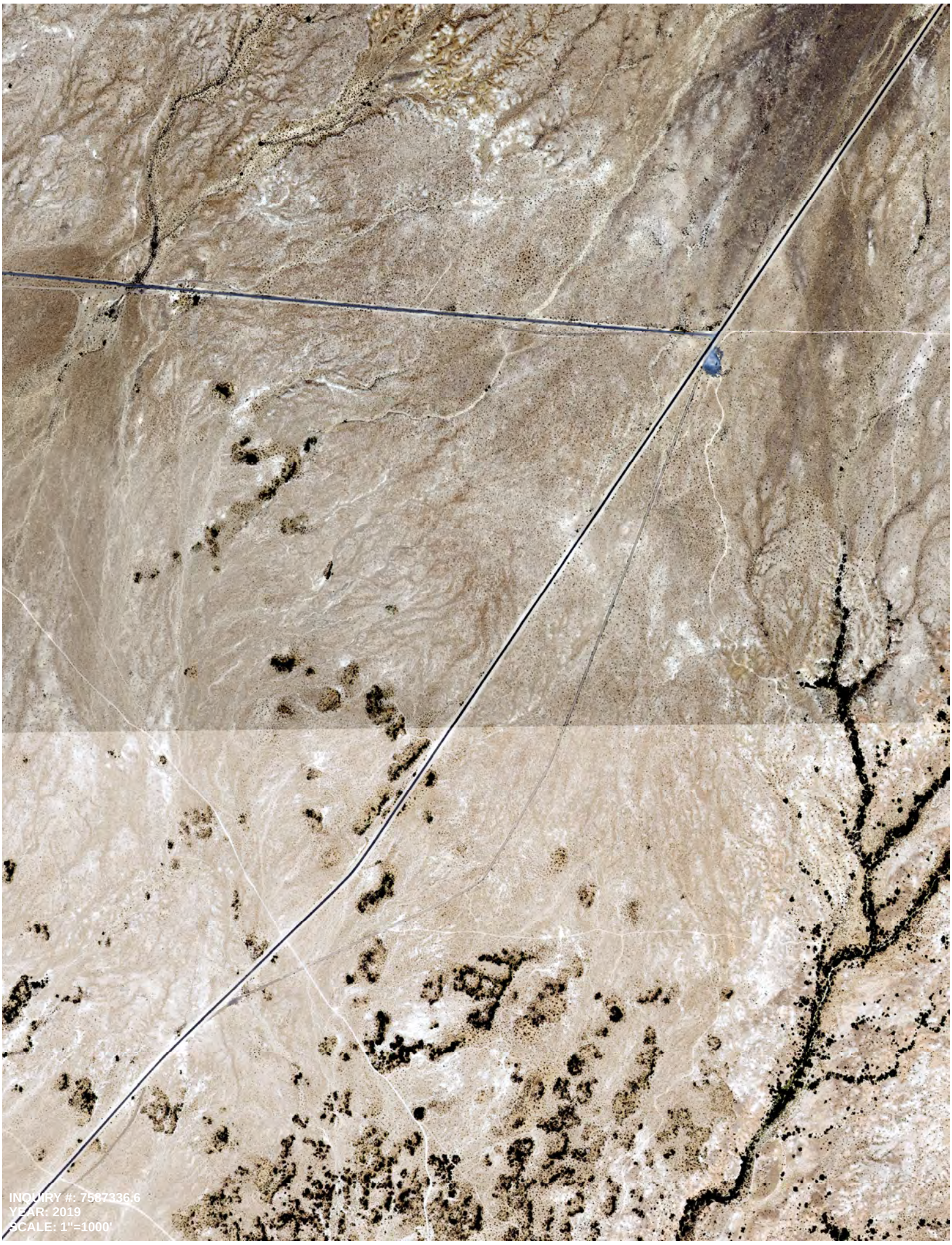

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YEAR: 2019
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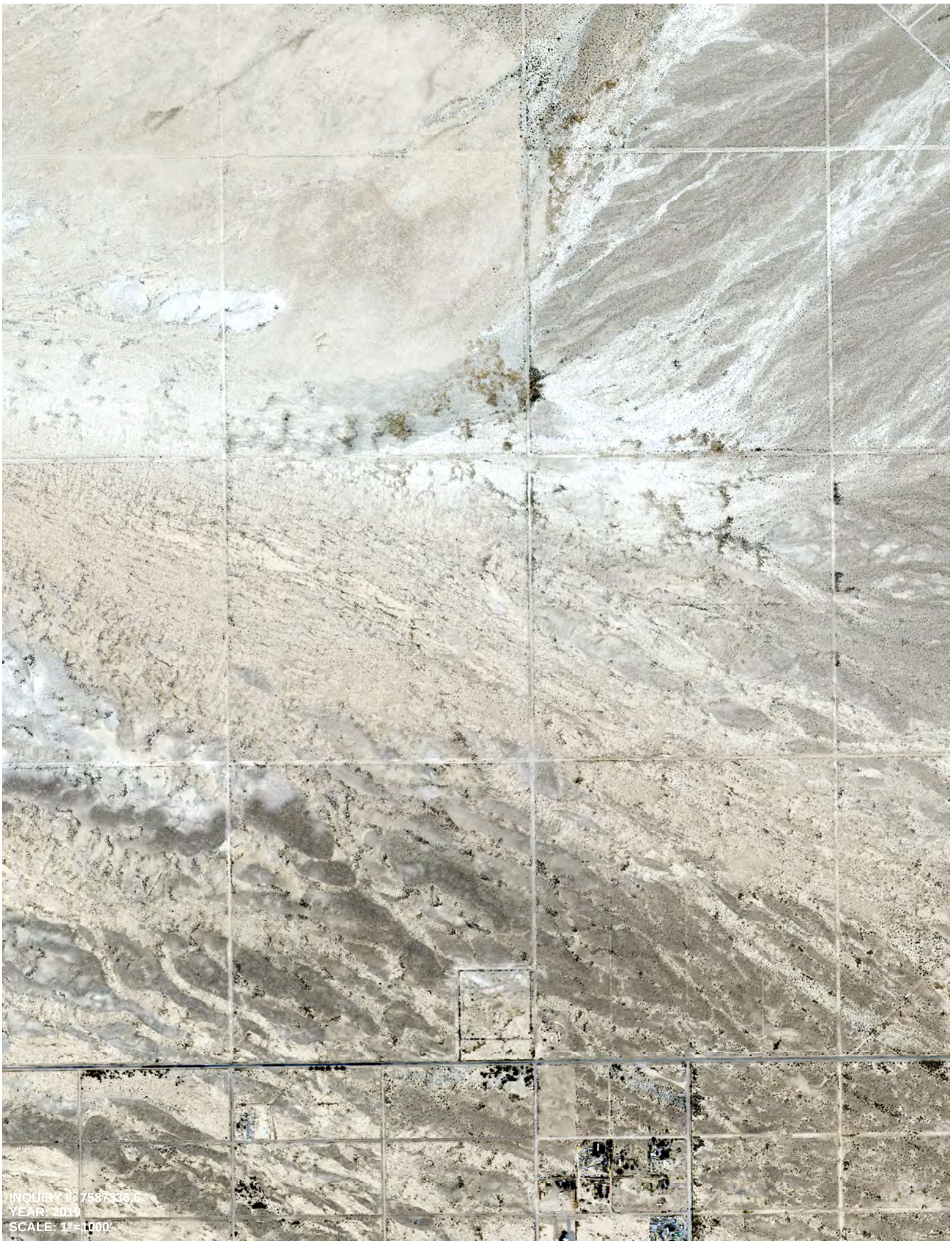


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INQUIRY #: 7587336.6
YEAR: 2019
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YEAR: 2019
SCALE: 1"=1000'



INQUIRY #: 7587336.6
YEAR: 2019
SCALE: 1"=1000'


INQUIRY #: 7587336.6
YEAR: 2019
SCALE: 1" =1000'

Appendix F:

QUESTIONNAIRES

Ninyo & Moore
Geotechnical & Environmental Sciences Consultants

PHASE I ESA QUESTIONNAIRE

Purpose: The property described below is referred hereafter as the "Site". The purpose of this questionnaire is to facilitate the Environmental Professional in conducting an Environmental Assessment of the Site on behalf of its Client. Please answer this questionnaire to the best of your ability by providing your personal as well as the institutional knowledge of your organization regarding the Site.

Site description: Bonanza Peak, Inyo County, Ca

Form Completed By:

Name: Steven R Scow
Organization: Attorney for Mary Wiley Trust/Co-Owner
Address: 612 S. 7th Street LV, NV 89101
Telephone Number: 702-385-7269
Email: Scowlaw@aol.com

You are: Attorney for
- The current owner ☒
- The current occupant ☐
- Past owner ☐
- Past occupant ☐

Signature: Steven R. Scow Date Completed: March 5, 2024

Are any chemicals, such as (but not limited to) hazardous materials, pesticides, herbicides, petroleum products, or hazardous waste **Currently** or **Formerly** Brought/Used/Stored on Site? No

Has the site been graded or fill material ever brought onto the Site? No

Are or were Underground or Aboveground Storage Tanks **Currently** or **Formerly** Present On Site? No

Are you aware of any releases of hazardous materials or petroleum products onto the ground, groundwater or surface waters of the Site? No

Are or were there any wells, septic systems, or clarifier on the Site?: There is a water well on the site.

Documents of Interest	Available	
Do You Have Any of the Following Documents of Interest With Respect to the Site:	YES	NO
Phase I Environmental Site Assessment Reports See Schedule	X	
Phase II Environmental Site Assessment with Subsurface Investigation Reports		X
Environmental Audit Reports		X
Property Information Sheet (Non-Residential properties)		X
Environmental Permits (NPDES, industrial wastewater, solid waste, hazardous waste, etc.)		X
Underground or Aboveground Tank Registration		X
Hazardous Waste Generator Notices or Reports		X
Material Safety Data Sheets (for chemicals in quantities greater than 5 gallons)		X
Community Right-to-Know Plans		X
Spill Prevention and Control Plans		X
Past or Current Violation Notices at the Site		X
Environmental Liens on the Site		X
Geotechnical Investigations or Studies See Schedule	X	
Other Reports See Schedule	X	

Knowledge With Respect to the Subject Property	Knowledge	
Do You Possess Knowledge Regarding Any of the Following with Respect to the Subject Site:	YES	NO
Pending, Threatened, Past Litigation Involving Hazardous Materials/Petroleum Products		X
Pending, Threatened, Past Admin. Proceedings Involving Hazardous Materials/Petroleum Products		X
Government Notice of Violation of Environmental Laws		X
Government Notice of Possible Liability Involving Hazardous Materials/Petroleum Products		X

Please return this completed form via email or mail to Crystal Castellanos - ccastellanos@ninyoandmoore.com

PHASE I ESA/AAI REQUIREMENTS

According to the All Appropriate Inquiry (AAI, 40 CFR 312) requirements and ASTM (E 1527-21) guidance on conducting Phase I Environmental Site Assessments, the "user" of the assessment must provide the following information, if available, to the environmental professional in order to qualify for Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001. Please check yes or no and provide any additional information you may have regarding the site. Failure to provide this information could result in a determination that "all appropriate inquiry" is not complete.

(1) Environmental cleanup liens that are filed or recorded against the site (40 CFR 132.25).
Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state, or local law?

☐ Yes ☒ No

If yes, please explain:

(2) Activity and land use limitations that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26).
Are you aware of any activity use limitations (AULs), such as engineering controls, land use restrictions, or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

☐ Yes ☒ No

If yes, please explain:

(3) Specialized knowledge or experience of the person/department requesting the Phase I ESA and seeking to qualify for the landowner liability protections (40 CFR 312.28).
As the user of this ESA, do you have any specialized knowledge or experience related to the property or adjoining properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

☐ Yes ☒ No

If yes, please explain:

(4) Relationship of the purchase price to the fair market value of the property, if it were not contaminated (40 CFR 312.29).
Does the purchase price offered for this property reasonably reflect the fair market value of the property? If there is a difference between the purchase price and the fair market value, have you considered whether the lower purchase price is because contamination is known or believed to be at the property?

Please discuss: The purchase price reflects fair Market value

(5) Commonly known or reasonably ascertainable information about the property (40 CFR 312.30).
Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user,
(a) Do you know the past uses of the property?
(b) Do you know of specific chemicals that are present or once were present at the property?
(c) Do you know of spills or other chemical releases that have taken place at the property?
(d) Do you know of any environmental cleanups that have taken place or are ongoing at the property?

☒ Yes ☐ No No chemicals were known to be used

If yes, please explain: The property was designated for agricultural use in the 1970's but was not used for that purpose

(6) The degree of obviousness of the presence or likely presence of contamination at the property and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).
As the user of this ESA, based on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the property?

☐ Yes ☒ No

If yes, please explain:

Steven R. Scow — Steven R. Scow — Mar 5, 2024

Print Name — Signature — Date

Schedule of Documents of Interest – Bonanza Peak, Inyo County, CA

1. Environmental Impact Reports Parcels 86 and 87 Pahrump Valley, CA

2. California Results of Soil Chemical and Physical Analyses 1979

3. Results of Preliminary Hydrogeologic Investigation and Test (BAI)

4. Pahrump Valley/Inyo County Pre-Design Drainage Report & Maps by Lochsa Engineering

5. AMEC Water Study – Water Supply Potential for New Development Inyo County, CA by AMEC Earth & Environmental, Inc.

6. Various Studies prepared by BrightSource Energy as part of solar thermal application to CEC in 2014.

ENVIRONMENTAL IMPACT REPORT

PARCELS 86 AND 87

PAHRUMP VALLEY, CALIFORNIA



ENVIRONMENTAL IMPACT REPORT

Parcels 86 and 87

PAHRUMP VALLEY, CALIFORNIA

Prepared for

Roland H. Wiley

Prepared by

THE ENVIRONMENTAL DATA BANK of Independence
Post Office Drawer "T"
Independence, California 93526

September 1974

3.

Results of Soil Chemical and Physical Analyses

DELLAVALLE LABORATORY, INC.
1910 W. MCKINLEY, SUITE 110
FRESNO, CALIFORNIA 93728
209 233 6129

BRANCH OFFICE
1965 E. TULARE AVENUE
TULARE, CALIFORNIA 93274
(209) 688-0608

REPORT OF SOIL ANALYSIS

Boyle Engineering Corp.
600 W. Shaw, Suite 250
Fresno, CA 93704

Lab No. 19827
Sampled
Submitted 5/31/79
Submitted By
Reported 6/12/79
Office Fresno

Identification SOIL:

Ranch Hidden Hills Ranch

No.	Description	SP	pH_s	EC_e x10^3	Meq/L Ca+Mg	Meq/L Na	ESP	T/ac-6" GR	Lime	ppm B	ppm NO_3-N	ppm PO_4-P	ppm K (AA) (HNO$_3$)	ppm Zn
1.	Surface at 28C	52.0	6.9	1.32	16.2	1.5	0.1			1.02				
2.	1-A-1	35.0	8.2	0.28	2.6	0.4	0.1			1.25				
3.	1-A-2	35.6	7.7	2.30	23.6	3.9	0.1			0.18				
4.	1-B-1	27.9	8.3	0.29	2.1	0.5	0.1			0.35				
5.	1-B-2	34.7	8.0	4.90	51.0	25.4	5.8			6.42				
6.	1-C-1	23.8	8.2	0.53	4.0	1.4	0.1			0.54				
7.	1-C-2	28.3	8.2	0.31	2.2	0.9	0.1			0.22				
8.	1-C-3	31.1	8.3	0.34	1.5	2.5	2.9			0.23				
9.	1-C-4	35.2	8.4	0.63	1.8	5.2	6.4			0.55				
10.	1-C-5	31.4	8.0	4.30	45.9	18.3	4.2			0.98				
11.	1-D-1	23.5	8.2	0.32	2.8	00.7	0.1			0.38				
12.	1-D-2	27.2	8.4	0.28	2.1	1.0	0.1			0.14				
13.	2-A-1	35.5	8.1	0.29	2.6	0.6	0.1			0.25				
14.	2-A-2	43.4	7.8	3.35	31.5	9.3	2.1			1.06				
15.	2-B-1	31.6	8.1	0.38	3.7	0.6	0.1			0.29				
16.	2-B-2	35.5	8.0	0.78	5.7	3.0	1.3			0.54				
17.	2-C-1	34.6	7.7	2.40	35.9	1.5	0.1			0.53				
18.	2-C-2	39.2	7.8	4.65	55.4	15.2	2.9			1.74				
19.	2-C-3	38.6	7.7	9.50	110.9	31.7	4.8			2.70				
20.	2-C-4	36.6	7.8	8.00	92.3	24.1	3.8			1.72				
21.	2-C-5	42.1	7.8	6.90	80.4	19.1	3.1			1.33				
22.	2-D-1	39.7	8.2	0.46	4.0	0.7	0.1			0.53				
23.	2-D-2	39.4	7.6	8.10	96.5	11.4	1.1			0.88				
24.	3-A-1	38.6	8.3	0.42	3.5	1.3	0.1			0.46				

RESULTS OF PRELIMINARY HYDROGEOLOGIC INVESTIGATION AND TEST WELL CONSTRUCTION AT THE WILEY TRUST PROPERTY IN INYO COUNTY, CALIFORNIA

BROADBENT & ASSOCIATES, INC.

Prepared for:
Sagebrush Enterprises
4730 South Fort Apache Rd. Suite 300
Las Vegas, Nevada

RESULTS OF PRELIMINARY HYDROGEOLOGIC INVESTIGATION AND TEST WELL CONSTRUCTION AT THE WILEY TRUST PROPERTY IN INYO COUNTY, CALIFORNIA

Prepared by

BROADBENT & ASSOCIATES, INC.
8 West Pacific Ave
Henderson, NV 89015
(702) 563-0600
www.broadbentinc.com

November 2005

Project No. 05-01-149-001

Pahrump Valley/Inyo County Pre-Design Drainage Report

Lochsa Engineering Project No. 051016

APRIL 2005

Prepared for:

Dr. Robert A. Fielden, AIA
RAFI
2480 East Tompkins, Suite 103
Las Vegas, Nevada 89121

Prepared By:
LOCHSA ENGINEERING
6345 South Jones Boulevard
Suite 100
Las Vegas, Nevada 89118
(702) 365-9312

WATER
SUPPLY POTENTIAL FOR NEW DEVELOPMENT
INYO COUNTY, CALIFORNIA

Submitted to:

Mary Wily Trust
c/o Mr. Steven Scow Esq.
612 South 7th Street
Las Vegas, Nevada 89101

Submitted by:

AMEC Earth & Environmental, Inc.
780 Vista Boulevard, Suite 100
Sparks, Nevada 89434

May 2006
AMEC Project No. 5-417-000702

DRAFT

July, 2006
AMEC Project No. 5-417-000702

Mary Wily Trust
c/o Mr. Steven Scow Esq.
612 South 7th Street
Las Vegas, Nevada 89101

Attention: Mr. Steven Scow

Re: RECHARGE ASSESSMENT AND WATER SUPPLY POTENTIAL
For New Subdivision, Inyo County, California

Dear Mr. Scow:

AMEC has completed our assessment of the water supply potential for the Hidden Hills Ranch area, Pahrump Valley, Nevada and California. The enclose report presents a summary of the water resource related documents obtained and reviewed as well as a presentation of our assessment of economically available water quantity.

Respectfully submitted,

AMEC Earth & Environmental, Inc.

Reviewed by,

Brett Whitford
Environmental Services Manager

John Dyer P.G.
Senior Project Manager

BW/mm

Enclosures

J:\Clerical\2006\May_06\5417000702_Mary_Wily_Trust.doc

AMEC Earth & Environmental, Inc.
780 Vista Boulevard, Suite 100
Sparks, Nevada
USA 89434-6656
Tel + 1 (775) 331-2375
Fax + 1 (775) 331-4153
www.amec.com

PHASE I ESA/AAI REQUIREMENTS

According to the All Appropriate Inquiry (AAI, 40 CFR 312) requirements and ASTM (E 1527-21) guidance on conducting Phase **I** Environmental Site Assessments, the "user" of the assessment must provide the following information, if available, to the environmental professional in order to qualify for Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001. Please check yes or no and provide any additional information you may have regarding the site. Failure to provide this information could result in a determination that "all appropriate inquiry" is not complete.

(1) Environmental cleanup liens that are filed or recorded against the site (40 CFR 132.25).
Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state, or local law?

☐ Yes ☐ No

If yes, please explain:

(2) Activity and land use limitations that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26).
Are you aware of any activity use limitations (AULs), such as engineering controls, land use restrictions, or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

☐ Yes ☐ No

If yes, please explain:

(3) Specialized knowledge or experience of the person/department requesting the Phase I ESA and seeking to qualify for the landowner liability protections (40 CFR 312.28).
As the user of this ESA, do you have any specialized knowledge or experience related to the property or adjoining properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

☐ Yes ☐ No

If yes, please explain:

(4) Relationship of the purchase price to the fair market value of the property, if it were not contaminated (40 CFR 312.29).
Does the purchase price offered for this property reasonably reflect the fair market value of the property? If there is a difference between the purchase price and the fair market value, have you considered whether the lower purchase price is because contamination is known or believed to be at the property?

Please discuss:

(5) Commonly known or reasonably ascertainable information about the property (40 CFR 312.30).
Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user,
(a) Do you know the past uses of the property?
(b) Do you know of specific chemicals that are present or once were present at the property?
(c) Do you know of spills or other chemical releases that have taken place at the property?
(d) Do you know of any environmental cleanups that have taken place or are ongoing at the property?

☐ Yes ☐ No

If yes, please explain:

(6) The degree of obviousness of the presence or likely presence of contamination at the property and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).
As the user of this ESA, based on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the property?

☐ Yes ☐ No

If yes, please explain:

Print Name _____ Signature _____ Date _____

Appendix G:

OTHER REPORTS

PHASE I
ENVIRONMENTAL SITE ASSESSMENT REPORT
HIDDEN HILLS SOLAR FACILITY
OLD SPANISH TRAIL HIGHWAY AND
GOLD STREET
INYO COUNTY, CALIFORNIA

PREPARED FOR:
BrightSource Energy
1999 Harrison Street, Suite 2150
Oakland, California 94612

PREPARED BY:
Ninyo & Moore
Geotechnical and Environmental Sciences Consultants
6700 Paradise Road, Suite E
Las Vegas, Nevada 89119

July 5, 2011
Project No. 303200002

July 5, 2011
Project No. 303200002

Mr. Clay Jensen
BrightSource Energy
1999 Harrison Street, Suite 2150
Oakland, California 94612

Subject: Phase I Environmental Site Assessment Report
Hidden Hills Solar Facility
Old Spanish Trail Highway and Gold Street
Inyo County, California

Dear Mr. Jensen:

In accordance with your authorization, dated May 13, 2011, Ninyo & Moore has prepared this Phase I Environmental Site Assessment of the above-referenced site. The attached report presents our methodology, findings, opinions, and conclusions regarding the environmental conditions at the site. We appreciate the opportunity to be of service to you on this project.

Sincerely,
NINYO & MOORE

Randy S. Kyes
Project Environmental Scientist

Albert Ridley, CEG
Principal Geologist

RK/APR/ltk

Distribution: (2) Addressee (1 hard copy, 1 via e-mail)

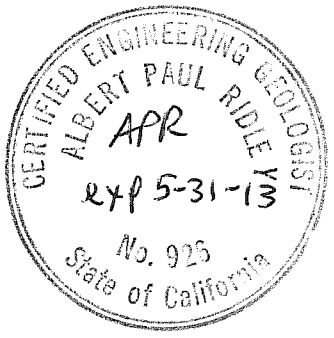


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EXECUTIVE SUMMARY

Ninyo & Moore was retained by BrightSource Energy to perform a Phase I Environmental Site Assessment (ESA) of approximately 3,900 acres, comprised of 172 undeveloped parcels of land, known as the proposed Hidden Hills Solar Facility, and located at the northwest corner of the intersection of the Old Spanish Trail Highway and Gold Street in Inyo County, California. Historical research, document review, and site assessment activities were conducted during the weeks of May 13, 20, and 27, 2011.

In summary, the following items were noted:

- The subject site consists of 172 undeveloped parcels of land totaling approximately 3,900 acres in area, and located at the northwest corner of the intersection of Old Spanish Trail Highway and Gold Street in Inyo County, California. The subject site parcels are being developed as part of the proposed Hidden Hills Solar Facility.

- Based on a review of historical sources the parcels constituting the subject site have not previously been developed, with the exception of a small portion of the subject property that was formerly utilized as an orchard.

- Six groundwater wells were identified during the site reconnaissance. Four of the wells were observed on the southern boundary of the site, along the Old Spanish Trail Highway. The remaining two wells are located on the northeast portion of the subject site. Five of the wells have no downhole pumps installed, with four of these wells open to the surface with no permanent well cap. The remaining well, located in the former orchard area, and designated Orchard Well on Figure 4, has a downhole, submersible pump.

- Historical debris/trash piles were observed on the north-central portion of the subject site. In addition to the trash piles, small quantities (a few cubic yards) of general solid waste was observed across the subject site, primarily along the Old Spanish Trail Highway. Irrigation piping debris were also noted in the former orchard area.

- No drums, unidentified substance containers, or other evidence of the storage or disposal of hazardous substances or petroleum products were observed on the subject site.

- Two, approximately 4,000 gallon each, aboveground storage tanks (ASTs), labeled 'fire water' are located on the southern boundary of the subject site, to the east of the abandoned orchard. These ASTs appear to be abandoned and non-usable. No evidence of additional ASTs or underground storage tanks (USTs) (i.e., fill pipes, vent pipes, and emergency power generators) were observed on the subject site.

- Review of environmental databases indicated that there are no facilities located on the subject site and/or in the vicinity of the subject site that have handled hazardous materials or petroleum products and/or have been listed as having reported releases of hazardous materials or petroleum products.

We have performed a Phase I ESA, in conformance with the scope and limitations of the American International (ASTM) Practice E 1527-05, for the subject property Hidden Hills Ranch parcels in Inyo County, California. Any exceptions to or deletions from this practice are described in Section 1.5 of this report. This assessment has revealed no evidence of recognized environmental conditions, as defined in Section 1.1 of this report.

The following conditions were noted as non-ASTM 1527-05 additional issues:

- Historical debris/trash piles were observed on the subject site. Ninyo & Moore recommends removal and disposal of solid waste in accordance with applicable federal and state regulations.

- Ninyo & Moore recommends that groundwater wells, which are not to be used for monitoring purposes and/or production, be abandoned in accordance with applicable federal and state regulations. Wells that are to be used for monitoring purposes, but which do not have a permanent, sealed wellhead, should have a proper wellhead installed to minimize potential contamination pathways.

1. INTRODUCTION

Ninyo & Moore was retained by BrightSource Energy to perform a Phase I Environmental Site Assessment (ESA) of approximately 3,900 acres, comprised of 172 undeveloped parcels of land, known as the proposed Hidden Hills Solar Facility, and located at the northwest corner of the intersection of the Old Spanish Trail Highway and Gold Street in Inyo County, California (hereinafter referred to as the site, subject site, or subject property). The following sections discuss the purpose, the involved parties, the scope of work, and the limitations and exceptions associated with the Phase I ESA.

1.1. Purpose

In accordance with the American International (ASTM), formerly the American Society for Testing and Materials, Standards on Environmental Site Assessments for Commercial Real Estate E 1527-05, and the Environmental Protection Agency (EPA) proposed rule for All Appropriate Inquiry (AAI) standards as set forth in Title 40 of Code of Federal Regulations (CFR) Section 312.10, the objective of the due diligence Phase I ESA was to identify recognized environmental conditions (RECs), which are defined by ASTM as "the presence or likely presence of any hazardous substance or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property." The work was also conducted in general accordance with EPA's AAI standards, whose objective was to identify conditions indicative of releases and threatened releases of hazardous substances on, at, in, or to the site.

1.2. Involved Parties

Mr. Randy S. Kyes, of Ninyo & Moore, conducted the site reconnaissance on May 18, 2011, and performed regulatory inquiries. Mr. Albert P. Ridley, of Ninyo & Moore, performed project oversight and quality review. This Phase I ESA was conducted either by and/or under the

supervision of an environmental professional as set forth in 40 CFR, Chapter I, Subchapter J, Part 312.10(b) (40 CFR §312.10[b]).

1.3. Detailed Scope of Services

Ninyo & Moore's scope of services for this Phase I ESA included the following:

- Performance of a site reconnaissance to visually and/or physically observe the interior and exterior of structures and other features on the subject site as well as visible exterior features of adjoining properties to identify areas of possibly contaminated surficial soil or surface water, improperly stored hazardous materials, possible sources of polychlorinated biphenyls (PCBs), and possible risks of contamination from activities at the site and adjoining properties.

- Review of reasonably ascertainable standard environmental record sources including federal, state, and tribal regulatory agency databases for the site and for properties located within a specified radius of the site. The purpose of this review was to evaluate possible environmental impacts to the subject site and vicinity activities. These databases list locations of known hazardous waste sites, landfills, and leaking underground storage tanks (USTs), permitted facilities that utilize USTs, and facilities that use, store, or dispose of hazardous materials and/or petroleum products.

- Review of reasonably ascertainable additional environmental record sources including local records and/or additional state or tribal records for the site and for properties located within a specified radius of the site. The purpose of this review was to evaluate possible environmental impacts to the subject site and vicinity activities. These databases list locations of known hazardous waste sites, solid waste landfills, registered storage tanks, emergency releases, contaminated public wells, facilities that use, store, or dispose of hazardous materials and/or petroleum products, public utility records, and building permits.

- Review of reasonably ascertainable standard physical setting sources including a current United States Geological Survey (USGS) 7.5-minute topographic map, and possibly including USGS and/or state groundwater and geology maps, and Soil Conservation Service soil maps. The purpose of this review was to note information about the geologic, hydrogeologic, hydrologic, or topographic characteristics of the subject site and vicinity.

- Review of reasonably ascertainable historical documents, including aerial photographs, historical fire insurance rate maps, city directories, and property tax files. The purpose of this review was to note any obvious uses of the subject site from the present, back to the subject site's first developed use, or back to 1940, whichever is earlier.

- Performance of interviews with present owners, operators, and occupants of the subject site as well as other knowledgeable parties as appropriate. The purpose of these interviews was to attempt to obtain information relevant to the uses and conditions of the subject site.

- Preparation of this Phase I ESA report documenting methodology; reporting findings, significant data gaps, and conclusions; and providing opinions of the impact on the subject site of conditions noted in the findings section regarding RECs at the subject site.

Information collected in the course of this Phase I ESA was used without extraordinary verification. This study did not include an evaluation of geotechnical conditions or potential geologic hazards. In addition, unless otherwise indicated in Section 8 of this report, this Phase I ESA does not include analysis of the following: asbestos-containing material (ACM), methane gas, radon, lead-based paint, lead in drinking water, wetlands, regulatory compliance, cultural and historical resources, industrial hygiene, health and safety, ecological resources, endangered species, indoor air quality including vapor intrusion, or high-voltage power lines.

1.4. Significant Assumptions

No significant assumptions are included in this Phase I ESA.

1.5. Limitations and Exceptions

The environmental services described in this report have been conducted in general accordance with current regulatory guidelines and the standard-of-care exercised by environmental consultants performing similar work in the project area. No warranty, expressed or implied, is made regarding the professional opinions presented in this report. Please note that this study did not include an evaluation of geotechnical conditions or potential geologic hazards.

This document is intended to be used only in its entirety. No portion of the document, by itself, is designed to completely represent any aspect of the project described herein. Ninyo &

Moore should be contacted if the reader requires any additional information or has questions regarding the content, interpretations presented, or completeness of this document.

Our conclusions, recommendations, and opinions are based on an analysis of the observed site conditions and the referenced literature. It should be understood that the conditions of a site could change with time as a result of natural processes or the activities of man at the subject site or nearby sites. In addition, changes to the applicable laws, regulations, codes, and standards of practice may occur due to government action or the broadening of knowledge. The findings of this report may, therefore, be invalidated over time, in part or in whole, by changes over which Ninyo & Moore has no control.

This report is intended exclusively for use by the client. Any use or reuse of the findings, conclusions, and/or recommendations of this report by parties other than the client is undertaken at said parties' sole risk.

1.6. Special Terms and Conditions

No special terms and conditions were associated with the subject site.

1.7. User Reliance

This report may be relied upon by, and is intended exclusively for, BrightSource Energy (client or user). Any use or reuse of the findings, opinions, and/or conclusions of this report by parties other than the client is undertaken at said parties' sole risk.

2. SITE DESCRIPTION

2.1. Location

The subject site comprises approximately 3,900 acres located at the northwest corner of the intersection of the Old Spanish Trail Highway and Gold Street in Inyo County, California. The subject parcels are located in Sections 15, 16, 21, 22, 23, 26, 27, and 28, Township 22 North, Range 10 East, San Bernardino Baseline and Meridian, Inyo County, Nevada. The

subject parcels have no assigned addresses. A table of subject site parcels is provided in Appendix B-1.

A site location map is presented on Figure 1. A site map with additional information concerning the site and surrounding properties is presented on Figure 2. Select photographs taken during the site reconnaissance visits are included in Appendix A.

2.2. Site and Vicinity General Characteristics

The area in the general vicinity of, and including, the subject site consists primarily of undeveloped land and residential ranch properties.

2.3. Current Use of the Property

The site is currently undeveloped, vacant land.

2.4. Description of Structures, Roads, Other Improvements on the Site

The following paragraphs present descriptions of any structures, roads, and other improvements on the subject site (including heating/cooling, sewage disposal, and potable water systems).

2.4.1. Site Structures

The site is undeveloped land with sparse to moderate vegetation.

2.4.2. Roads

The site is bordered by the paved Old Spanish Trail Highway to the south, unpaved Quartz Street and Gold Street to the west and east, respectively, and the California-Nevada border to the north. An unpaved road generally extends along the border in this area. Numerous unpaved roads also extend in a roughly north-south and east-west grid pattern across the site.

2.4.3. Other Site Improvements

During the site reconnaissance, a fenced weather station compound was observed on the west-central portion of the subject site. In addition, an abandoned orchard is located on the south-central margin of the subject site along the Old Spanish Trail Highway. No other observable improvements were noted on the subject site.

2.4.4. Heating and Cooling Systems

The subject site has no structures and there are no heating and cooling systems on the site.

2.4.5. Sewage Disposal

The subject site has no structures and is not connected to a municipal sewage disposal system.

2.4.6. Potable Water

The subject site has no structures and is not connected to a municipal water distribution network.

2.5. Current Uses of the Adjoining Properties

The site is bordered to the south by the Old Spanish Trail Highway, across which are generally undeveloped parcels of privately-owned land, with some residential ranch type property development; to the west by unpaved Quartz Street, across which are undeveloped parcels of land owned by the Bureau of Land Management and private individuals, to the north by the California-Nevada border, along which an unpaved road extends, and across which are undeveloped parcels of land; and to the east by Gold Street, across which are undeveloped parcels of land and a small, graded property with numerous single-wide type trailers located approximately 1 mile north of the Old Spanish Trail Highway, on Gold Street.

No information was found to suggest that the current uses of adjoining properties involve the use, treatment, storage, disposal or generation of hazardous substances or petroleum products that may represent an environmental concern to the subject site at this time.

3. USER PROVIDED INFORMATION

3.1. Title Records

A title record was not provided by the client for purposes of this assessment.

3.2. Environmental Liens or Activity and Use Limitations

The client requested that Ninyo & Moore conduct an environmental lien search to fulfill the user's responsibilities with regard to review of environmental liens as described in Section 6.2 of ASTM International Practice E 1527-05. An environmental lien search was performed by Texas Environmental Research (TER). The TER Environmental Lien Search Reports, did not document any environmental liens or activity and use limitations (AULs) associated with the subject parcels. A copy of the environmental lien search is provided as Appendix B-2.

3.3. Specialized Knowledge

Mr. Clay Jensen, the client contact representative, provided site location and background information. No specialized knowledge regarding the site was discussed with Mr. Jensen during interviews or noted during file reviews for the subject site.

3.4. Commonly Known or Reasonably Ascertainable Information

No commonly known or reasonably ascertainable information within the community material to RECs pertaining to the subject site was noted by Ninyo & Moore or communicated to us in writing, in person, or during telephone conversations in the course of this assessment.

3.5. Valuation Reduction for Environmental Issues

In a transaction involving the purchase of a parcel of commercial real estate, the user shall consider the relationship of the sales price of the property to the fair market value of the property if the property is not affected by hazardous substances or petroleum products. Mr. Jensen, client representative, communicated to Ninyo & Moore that BrightSource Energy would be leasing the parcels, which comprise the subject site as part of a long-term agreement with the property owners.

3.6. Owner, Property Manager, and Occupant Information

A table of current subject parcel owners, including parcel numbers, owner name, and owner address, is provided in Appendix B-1. The subject site is unoccupied.

3.7. Reason for Performing Phase I

The client did not indicate the reason for performance of the Phase I ESA to Ninyo & Moore. Therefore, Ninyo & Moore assumes that the Phase I ESA was performed in order to qualify for the landowner liability protections pursuant to the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

3.8. Other

A Preliminary Geotechnical Evaluation Report, prepared by Ninyo & Moore, and dated February 17, 2011, was reviewed. The report discussed four groundwater wells which were found on the subject site along with geotechnical information including subsurface exploration at the subject site.

An Orchard Well Groundwater Sampling letter, prepared by Ninyo & Moore, and dated March 31, 2011, was reviewed. The Orchard Well, located in the abandoned orchard area along the southern margin of the site, was sampled following installation of a new downhole, submersible pump. No groundwater contaminants of concern were noted.

4. RECORDS REVIEW

4.1. Standard Environmental Record Sources

A computerized environmental information database search was performed by *Environmental FirstSearch*™ (*FirstSearch*™) and dated May 13, 2011. The *FirstSearch*™ report included federal, state, and local databases. A summary of the environmental databases searched, their corresponding search radii, and number of noted sites of environmental concern, is presented in Table 1. In addition, the *FirstSearch*™ report and a description of the assumptions and approaches to the database search are presented in Appendix C-1.

Table 1 – Summary of Environmental Database Search

Database Name	Agency	Search Radius (miles)	Sites Listed
Federal Records			
National Priority List (NPL)	USEPA	1.00	0
NPL Delisted	USEPA	0.50	0
Sites currently or formerly under review by US EPA (CERCLIS)	USEPA	0.50	0
No Further Remedial Activities Planned (NFRAP)	USEPA	0.50	0
RCRA Corrective Action w/o TSD (CORRACTS)	USEPA	1.00	0
RCRA Treatment, Storage, and Disposal (TSD) Facilities	USEPA	0.50	0
RCRA Large/Small Quantity Generators List (LQ/SQ-GEN)	USEPA	0.25	0
RCRA NLR	USEPA	0.12	0
Federal Engineering and Institutional Controls (IC/EC)	USEPA	0.25	0
Emergency Response Notification System (ERNS) List	NRC	0.12	0
State and Local Records			
State Sites	CAEPA/NDEP	1.00	0
State Spills 90	CAEPA	0.12	
Permitted as solid waste landfills, incinerators, or transfer stations (SWL)	IWMB/NDEP	0.50	0
Leaking Underground Storage Tank (LUST) Lists	SWRCB/NDEP	0.50	0
Registered UST/Aboveground Storage Tank (AST) List	CAEPA/NDEP	0.25	0
State Engineering and Institutional Controls (IC/EC)	CAEPA	0.25	0
Voluntary Cleanup Program Sites (VCP)	CAEPA/NDEP	0.50	0
Project Tracking Database State (Brownfields)	NDEP	0.50	0
State Permits	CAEPA	0.12	0
State Other	CAEPA	0.25	0
HW Manifest	CAEPA	0.12	0

Table 1 – Summary of Environmental Database Search

Database Name	Agency	Search Radius (miles)	Sites Listed
Tribal Records			
Tribal Lands	BIA	1.00	0
Indian LUST	CAEPA /NDEP	0.50	0
Indian UST/AST	USEPA Region 9	0.25	0

BIA - Bureau of Indian Affairs
CAEPA - California Environmental Protection Agency
IWMB - Integrated Waste Management Board (California)
NDEP - Nevada Division of Environmental Protection
NRC - National Response Center
SWRCB - State Water Resources Control Board (California)
USEPA - United States Environmental Protection Agency

The review was conducted to evaluate whether or not the subject site or properties within the vicinity of the subject site have been listed as having experienced significant unauthorized releases of hazardous substances or other events with potentially adverse environmental effects.

The following paragraphs describe the databases that were searched for properties of environmental concern, and include a discussion of the regulatory status of the facilities and potential environmental impact to the subject site (if applicable). The groundwater gradient information provided indicates whether the individual facility is assumed to be upgradient, downgradient, or crossgradient from the subject site in terms of groundwater flow.

United States Environmental Protection Agency, National Priorities List (NPL)
This list identifies hazardous material sites slated for cleanup under the federally sponsored Superfund program. These sites receive remedial funding under CERCLA. No facilities were listed within a 1-mile radius of the subject site.

United States Environmental Protection Agency, Delisted NPL
This list identifies hazardous material sites deleted from the NPL. The National Oil and Hazardous Substances Pollution Contingency Plan establishes the criteria that USEPA uses to delete sites from the NPL. In accordance with 40 CFR §300.425(e), sites may be deleted

from the NPL where no further response is appropriate. No facilities were listed within a 0.5-mile radius of the subject site.

United States Environmental Protection Agency, CERCLIS List
This list identifies hazardous material sites or environmental incidents recognized and listed on the federal level. Facilities identified by the United States Environmental Protection Agency (USEPA), which may have the potential for releasing hazardous substances into the environment, are listed in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) database. No facilities were listed within a 0.5-mile radius of the subject site.

United States Environmental Protection Agency, NFRAP List
This archive list identifies, to the best of USEPA's knowledge, facilities where assessment has been completed and EPA has determined no further steps will be taken to list this facility on the NPL. This decision does not necessarily mean that there is no hazard associated with the facility; it merely means that, based upon available information, the location is not judged a potential NPL site. No facilities were listed within a 0.5-mile radius of the subject site.

United States Environmental Protection Agency, CORRACTS List
This list identifies Resource Conservation and Recovery Act (RCRA) facilities that are undergoing "corrective action." A "corrective action order" is issued pursuant to RCRA when there has been a release of hazardous waste into the environment from a RCRA facility. No facilities were listed within a 1-mile radius of the subject site.

United States Environmental Protection Agency, RCRA TSD List
This list identifies USEPA-listed facilities that report storage, treatment, and/or disposal of hazardous waste (i.e., TSD facility) under the USEPA RCRA program. No facilities were listed within a 0.5-mile radius of the subject site.

United States Environmental Protection Agency, RCRA Large-Quantity and Small-Quantity Generator (GEN)
This database identifies USEPA-listed facilities that report generation of reportable quantities of hazardous waste under the RCRA program for the identification and tracking of

hazardous waste. The list consists of properties that generate more than 1,000 kilograms (kg) of hazardous waste per month (large quantity generators) and properties that generate less than 1,000 kg of hazardous waste per month (small quantity generators), and is not necessarily indicative of facilities where a release of hazardous substances has occurred. No facilities were listed within a 0.25-mile radius of the subject site.

United States Environmental Protection Agency – RCRA No Longer Regulated (NLR)
This database identifies facilities that are not currently classified by USEPA but are still included in the RCRAInfo database. Reasons for non-classification may include failure to report in a timely manner, the facility is no longer in business, the facility is no longer in business at the listed address, or the facility no longer generates hazardous materials in quantities requiring reporting. No facilities were listed within a 0.12-mile radius of the subject site.

United States Environmental Protection Agency – US Engineering Controls
A listing of facilities with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health. The subject site was not listed on this database.

United States Environmental Protection Agency – US Institutional Controls
A listing of facilities with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls. The subject site was not listed on this database.

United States Environmental Protection Agency – Emergency Response Notification System (ERNS)
The ERNS is a national database used to collect information on reported releases of oil and hazardous substances. The database contains information from spill reports made to federal authorities, including the USEPA, the United States Coast Guard, the National Response

Center, and the Department of Transportation (DOT). The subject site was not listed on this database.

California Environmental Protection Agency, Cal Sites/Nevada Department of Conservation and Natural Resources, Corrective Action Cases (State Sites)

The California Environmental Protection Agency, Department of Toxic Substances Control and the Nevada Department of Conservation and Natural Resources, Bureau of Corrective Actions maintain lists of cleanup evaluations and actions regarding sites with actual or potential contamination that could affect groundwater and/or pose a threat to public health. The subject site was not listed on this database. No facilities were listed within a 1-mile radius of the subject site.

California Environmental Protection Agency, State Spills 90 (State Spills 90)

The California Environmental Protection Agency, Regional Water Quality Control Boards maintains a report of sites that have records of spills, leaks, investigation, and cleanup. The subject site was not listed on this database. No facilities were listed within a 0.12-mile radius of the subject site.

California Integrated Waste Management Board/Nevada Department of Conservation and Natural Resources, Solid Waste Landfill (SWL) List

The California Integrated Waste Management Board and the Nevada Department of Conservation and Natural Resources maintain lists of facilities including active solid waste disposal sites, inactive or closed solid waste disposal sites, and transfer facilities. No facilities were listed within a 0.5-mile radius of the subject site.

California State Water Resources Control Board/Nevada Department of Conservation and Natural Resources, Leaking Underground Storage Tank (LUST) List

The LUST Information System is maintained by the State Water Resources Control Board in California and the Nevada Department of Conservation and Natural Resources for Nevada. It includes sites with tanks under investigation, for potential leaks, confirmed leaks, and those to be closed. No facilities were listed within a 0.5-mile radius of the subject site.

California Environmental Protection Agency/Nevada Department of Conservation and Natural Resources, Underground Storage Tank (UST) and Aboveground Storage Tank (AST) Lists

Information regarding USTs and aboveground storage tanks (ASTs) registered with the California Environmental Protection Agency and the Nevada Department of Conservation and Natural Resources is provided on the agency's UST list and AST list. The UST and AST lists consist of properties that have registered tanks, and are not necessarily indicative of sites where a release of hazardous substances has occurred. No facilities were listed within a 0.25-mile radius of the subject site.

California Environmental Protection Agency/Nevada Department of Conservation and Natural Resources - State Engineering Controls

A listing of facilities with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health. The subject site was not listed on this database.

California Environmental Protection Agency/Nevada Department of Conservation and Natural Resources - State Institutional Controls

A listing of facilities with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls. The subject site was not listed on this database

California Environmental Protection Agency, Voluntary Cleanup Program Sites (VCP)

The Voluntary Cleanup Program provides relief from liability to owners who undertake cleanups of contaminated properties under the oversight of the California Environmental Protection Agency. No facilities were listed within a 0.5-mile radius of the subject site.

Nevada Department of Conservation and Natural Resources, Project Tracking Database (Brownfields)

Brownfields sites included in the Project Tracking Database. The term "Brownfields" is used to describe abandoned, idled, or underused industrial or commercial properties taken out of productive use because of real or perceived risks from environmental contamination. The

State of Nevada has initiated Brownfields, a land-recycling program, to provide an opportunity to redevelop these undesirable properties and revitalize communities. No facilities were listed within a 0.5-mile radius of the subject site.

California Environmental Protection Agency, Department of Toxic Substances Control, Envirostor List (State Other)
Information regarding unconfirmed properties referred to another local or state agency and/or properties where a no further action determination has been made. No facilities were listed within a 0.25-mile radius of the subject site.

California Environmental Protection Agency, Department of Toxic Substances Control, Hazardous Waste Manifest Inventory (HW Manifest)
Records maintained of hazardous waste manifests used to track and document the transport of hazardous water from a generator's site to the site of its final disposition. No facilities were listed within a 0.12-mile radius of the subject site.

United States Geological Survey, Indian Reservations (INDIAN RESERV)
Indian administered lands of the United States that have an area equal to or greater than 640 acres. No facilities were listed within a 1-mile radius of the subject site.

United States Environmental Protection Agency, Leaking Underground Storage Tanks on Indian land (INDIAN LUST R9)
LUSTs on Indian land in Arizona, California, New Mexico, and Nevada. No facilities were listed within a 0.5-mile radius of the subject site.

United States Environmental Protection Agency, Underground Storage Tanks on Indian land (INDIAN UST R9)
USTs on Indian land in Arizona, California, New Mexico, and Nevada. No facilities were listed within a 0.25-mile radius of the subject site.

4.2. Additional Environmental Record Sources

Ninyo & Moore reviewed California DTSC records on the online EnviroStor Database. Records including corrective action sites, state response sites, voluntary cleanup sites, and hazardous waste facility lists organized by facility number, owner information, and facility

addresses were reviewed for facilities located in the site vicinity zip code(s). No additional facilities to those listed in Section 4.1 were noted.

Ninyo & Moore reviewed NDEP records on the Bureau of Corrective Actions (BCA) Download Database. Records including UST lists organized by facility number, owner information, and facility addresses were reviewed for facilities located in the site vicinity zip code(s). In addition, the list of corrective action and LUST sites as compiled by NDEP-BCA, were reviewed for facilities located in the site vicinity zip code(s). No additional facilities to those listed in Section 4.1 were noted.

Ninyo & Moore reviewed USEPA records on the Enforcement and Compliance History Online (ECHO) Database. Records including RCRA generators were reviewed for facilities located in the site vicinity zip code. In addition, facilities with compliance violations were reviewed for the site vicinity zip code(s). No additional facilities to those listed in Section 4.1 were noted.

4.3. Physical Setting Sources

The following sections include discussions of topographic, geologic, and hydrogeologic conditions in the vicinity of the site, based upon our document review and our visual reconnaissance of the site and adjoining areas.

4.3.1. Site Topography

The USGS Calvada Springs Quadrangle, California-Nevada and Mound Spring Quadrangle, Nevada-California, 7.5-minute series topographic maps, both dated 1984 Provisional Edition; show the site with a high elevation of approximately 2,675 feet on the east side, and low elevation of approximately 2,585 feet on the west side of the property. The topography across the site is generally relatively planar to slightly undulatory, with drainage of the site toward the west. A copy of the topographic map is included in Appendix D-1.

4.3.2. Site Geology

Pahrump Valley, which contains the subject property, is located in the southern portion of the Great Basin and is part of the Basin and Range geomorphic province. Pahrump Valley is bordered by mountain ranges and adjoining valleys. Pahrump Valley is a naturally formed structural basin as a result of block faulting, a fundamental characteristic of the Basin and Range.

Mountain ranges bordering Pahrump Valley are up to approximately 11,000 feet in elevation and composed primarily of Precambrian-age and Paleozoic-age igneous and sedimentary rocks. The Nopah Range and Kingston Range border Pahrump Valley to the west and southwest, respectively, and are composed primarily of igneous rock. The Spring Mountains are composed primarily of sedimentary rock and border Pahrump Valley to the east. Stewart Valley and Mesquite Valley border Pahrump Valley to the northwest and southeast, respectively.

Thick, coalescing, Quaternary-age alluvial fan deposits, comprised primarily of coarse-grained material, generally mantle the base of mountain ranges bordering Pahrump Valley. Surficial soils in the valley generally include Quaternary-age alluvial fan, paleo-spring, lakebed, playa, stream, and eolian deposits. The lower portion of the valley generally contains fine-grained (silty and clayey) soils. Tertiary-age volcanic tuff and Tertiary-age to Pre-Cambrian-age bedrock, composed predominantly of sedimentary, igneous, and metamorphic rocks, underlie the valley sediments.

4.3.3. Site Hydrology

The following sections discuss the site hydrology in terms of both surface waters and groundwater.

4.3.3.1. Surface Waters

No natural surface water bodies, including ponds, streams, or other bodies of water, are present on the site. However, several ephemeral drainage washes, generally up to several feet wide and a few feet deep, extend across the subject site. Field obser-

vations indicate that water runoff generally drains toward the west via sheet-flow and these natural drainage channels.

4.3.3.2. Groundwater

The Pahrump Valley groundwater basin is located beneath a northwest-trending valley which is located in southeastern Inyo County, California, and southwestern Nye County, Nevada. The valley is composed of quaternary alluvium, which has a maximum thickness of at least 800 feet below grade, and is the primary water-bearing unit. The primary source of recharge for the basin is the Spring Mountains in Nevada.

Review of the California Department of Water Resources well database, USGS National Water Information System databases, and physical groundwater measurements performed by Ninyo & Moore in January 2011 at the site, indicated that the static water level may occur approximately 100 to 150 feet below grade in the vicinity of the subject property. Based on topography, groundwater flow direction in the vicinity of the subject property is believed to be toward the west.

4.4. Historical Use Information on the Property

Ninyo & Moore conducted a historical record search for the subject site. This included a review of one or more of the following resources that were found to be both reasonably ascertainable and useful for the purposes of this Phase I ESA: historical aerial photographs, historical fire insurance maps, historical topographic maps, land use records, interviews with property representatives, and reviews of prior environmental assessment reports regarding the site. The following sections summarize information obtained from the historical sources utilized for this assessment.

4.4.1. Historical Property Ownership

A title search was not included in the scope of work for this site, however, a listing of current property owners is included in Appendix B-1. No ownership entries of environmental concern were found in the record.

4.4.2. Historical Aerial Photographs

Selected historical aerial photographs dating from between 1994 and 2009 were available and reviewed for the subject site. Aerial photographs from between 1940 and 1994 were not reasonably ascertainable. However, this does not represent a significant data gap given the undeveloped state of the subject site during that period. A listing of the photographs reviewed is presented in Table 2. Table 3 summarizes notable observations from each photograph. A copy of the July 2009 aerial photograph of the subject site and vicinity is included in Appendix D-2.

Table 2 – Aerial Photographs Reviewed for the Property

Date	Photograph Identification	Scale	Source
1994	N/A	Unknown	A
1995	N/A	Unknown	A
2005	N/A	Unknown	A
2007	N/A	Unknown	A
2009	N/A	Unknown	A
Sources: A – Google Earth Pro			

Table 3 – Aerial Photograph Summary for the Property

Year	Aerial Photograph Description
1994	The site is evident as generally undeveloped land. A small orchard/agricultural, and borrow pit are evident along the central, southern boundary of the site. Numerous dirt roads and trails are evident across the site, with a grid pattern of dirt roads running north-south and east-west.
1995	No significant changes from the 1994 photograph.
2005	The small orchard/agricultural field are evident as abandoned with dying vegetation visible.
2007	No significant changes from the 2005 photograph.
2009	No significant changes from the 2007 photograph.

4.4.3. City Directories

Since the subject site does not have an assigned address, a city directory search of the subject site was not performed. The lack of city directory coverage for the subject site from 1940 to the present is not considered a significant data failure due to the historically undeveloped state of the subject site and the availability of other historical resources (e.g. topographic maps and aerial photographs).

4.4.4. Fire Insurance Maps

There was no Sanborn fire insurance map coverage for the subject site. This is not considered a significant data failure due to the historically undeveloped state of the subject site and the availability of other historical resources (e.g. topographic maps and aerial photographs).

4.4.5. Historical Topographic Maps

The USGS Horse Thief Springs Quadrangle, California-Nevada, 15-minute series topographic map, dated 1956, depicts the site as undeveloped land. No items of potential environmental concern for the subject site were noted on this topographic map.

The USGS Calvada Springs Quadrangle, California-Nevada and Mound Spring Quadrangle, Nevada-California, 7.5-minute series topographic maps, both dated 1984 Provisional Edition depict the subject site as undeveloped land. Numerous dirt roads are depicted across the site. No items of potential environmental concern for the subject site were noted on this topographic map. Copies of the historical topographic maps are provided in Appendix D-1.

4.5. Historical Use Information on Adjoining Properties

Ninyo & Moore conducted a historical record search for the adjoining properties. This included a review of one or more of the following sources found to be both reasonably ascertainable and useful for the purposes of this Phase I ESA: historical aerial photographs,

historical fire insurance maps, historical topographic maps, land use records, interviews with property representatives, and reviews of prior environmental assessment reports regarding neighboring properties.

The following sections summarize information obtained from the historical sources utilized for this assessment.

4.5.1. Historical Property Ownership

Although a title search was not included in the scope of work for the site vicinity, historical property ownership records were reviewed on the website of the Inyo County Assessor's Office. No ownership entries of environmental concern were found in the record.

4.5.2. Historical Aerial Photographs

Selected historical aerial photographs dating from between 1994 and 2009 were available and reviewed for the subject site vicinity. Aerial photographs from between 1940 and 1994 were not reasonably ascertainable. However, this data failure does not represent a significant data gap, given the undeveloped state of the adjoining property during that period. A listing of the photographs reviewed is presented in Table 4. Table 5 summarizes notable observations from each photograph. A copy of the July 2009 aerial photograph of the subject site and vicinity is included in Appendix D-2.

Table 4 – Aerial Photographs Reviewed for Adjoining Properties

Date	Photograph Identification	Scale	Source
1994	N/A	Unknown	A
1995	N/A	Unknown	A
2005	N/A	Unknown	A
2007	N/A	Unknown	A
2009	N/A	Unknown	A
Sources: A – Google Earth Pro			

Table 5 – Aerial Photograph Summary for Adjoining Properties

Year	Aerial Photograph Description
1994	The adjoining properties are evident as undeveloped land. A few residential ranch-type properties are evident to the south, across the Old Spanish Trail Highway, which is evident as a paved road.
1995	No significant changes since the 1994 aerial photograph.
2005	A graded property with numerous single-wide type trailers is evident to the adjoining east of the site, across Gold Street.
2007	No significant changes since the 2005 aerial photograph.
2009	No significant changes since the 2007 aerial photograph.

4.5.3. City Directories

Since the site vicinity does not have an assigned address, a city directory search of the site vicinity was not performed. The lack of city directory coverage for the site vicinity from 1940 to the present is not considered a significant data failure due to the historically undeveloped state of the site vicinity and the availability of other historical resources (e.g. topographic maps and aerial photographs).

4.5.4. Fire Insurance Maps

There was no Sanborn fire insurance map coverage for the subject site. This is not considered a significant data failure due to the historically undeveloped state of the properties adjoining the subject site and the availability of other historical resources (e.g. topographic maps and aerial photographs).

4.5.5. Historical Topographic Maps

The USGS Horse Thief Springs Quadrangle, California-Nevada, 15-minute series topographic map, dated 1956, depicts the site vicinity as undeveloped land. No items of potential environmental concern for the subject site were noted in the vicinity of the subject site on this topographic map.

The USGS Calvada Springs Quadrangle, California-Nevada and Mound Spring Quadrangle, Nevada-California, 7.5-minute series topographic maps, both dated 1984 Provisional Edition, depict the subject site vicinity as undeveloped land. The Old

Spanish Trail Highway is evident along the southern boundary of the site. No items of potential environmental concern for the subject site and vicinity were noted on this topographic map. Copies of the historical topographic maps are provided in Appendix D-1.

5. SITE RECONNAISSANCE

5.1. Methodology and Limiting Conditions

On May 18, 2011, Mr. Randy S. Kyes, of Ninyo & Moore, conducted a site reconnaissance of the subject property. The reconnaissance involved a walking tour of the site and visual observations of adjoining properties.

During the site reconnaissance visit, Ninyo & Moore looked for evidence suggesting the use, treatment, storage, disposal, or generation of hazardous substances or petroleum products on the subject site. Ninyo & Moore observed no such evidence.

5.2. General Site Setting

The subject site is comprised of undeveloped desert land. Land to the north, west, south, and east is generally undeveloped. Some residential ranch-type properties are located to the south.

5.3. Exterior Observations

The subject property was traversed and was observed from adjacent public thoroughfares. There are no structures on the subject property.

Easements and Common Roadways

No title documentation was available for review of possible easements on the subject site. However, an overhead, wood-pole electrical line runs along the southern boundary of the subject site, parallel to the Old Spanish Trail Highway. An underground electrical

line also runs from the wood-pole electrical line to a groundwater well and pump box panel located in the former orchard area of the subject site.

Pits, Ponds, or Lagoons
No pits, ponds, or lagoons were observed on the subject site.

Stained Soil or Pavement
No stained soil was observed on the subject site.

Stressed Vegetation
No stressed vegetation was observed on the subject site.

Solid Waste
Historical debris/trash piles were observed on the north-central portion of the subject site. Solid waste debris, including metal, glass, tires, masonry pieces, and other general debris were observed at this dumpsite. In addition to the trash piles, small quantities (a few cubic yards) of general solid waste was observed across the subject site, primarily along the Old Spanish Trail Highway. Irrigation piping debris were also noted in the former orchard area. The solid waste debris present on the subject site does not present a REC to the site at this time.

Wastewater
There were no sources of wastewater observed on the subject site.

Wells
Six historic groundwater supply wells were observed on the subject site. Four of the wells were observed on the southern boundary of the site, along the Old Spanish Trail Highway. The remaining two wells are located on the northeast portion of the subject site. Five of the wells have no downhole pumps installed, with four of these wells open to the surface with no permanent well cap. The remaining well, located in the former orchard area, and designated Orchard Well on Figure 4, has a downhole, submersible pump installed at the wellhead. The presence of groundwater wells on the subject site is not considered to be a REC for the subject site. However, Ninyo & Moore recommends that groundwater wells which are not to be used for monitoring purposes and/or

production, be abandoned in accordance with applicable federal, state, and local regulations. Wells that are to be used for monitoring purposes, but which do not have a permanent, sealed wellhead, should have a proper wellhead installed to minimize potential contamination pathways.

Septic Systems
No septic system was observed on the subject site. Based upon our review the site is not currently served by a municipal wastewater treatment system.

Odors
No odors were noted on the subject site.

Pools of Liquid
No exterior pools of liquid were observed on the subject site.

Drums
No drums were observed on the subject site.

Storage Tanks
Two, approximately 4,000 gallon each, ASTs, labeled 'fire water' are located on the southern boundary of the subject site, to the east of the abandoned orchard. These ASTs appear to be abandoned and non-usable. No evidence of additional ASTs or USTs (i.e., fill pipes, vent pipes, and emergency power generators) were observed on the subject site

Hazardous Substance and Petroleum Containers
No hazardous substance or petroleum containers were observed on the subject site.

Unidentified Substance Containers
No unidentified substance containers were observed on the subject site.

Waste Management and Regulated Materials
No regulated materials were observed on the subject site.

Polychlorinated Biphenyls (PCBs)
Polychlorinated biphenyls are known hazardous materials that are found in coolants or lubricating oil used in some electrical transformers, hydraulic elevators, light ballasts,

electrical panels, or other equipment. Utility companies, including Southern California Edison (SCE) often own transformer equipment and typically assume responsibility for repair or replacement of damaged or leaking units and for required cleanup or remediation activities. Indications of damage or leakage should be immediately reported to SCE.

No electrical transformers were observed on the subject site.

5.4. Interior Observations

The subject site has not been developed and no structures are present.

6. INTERVIEWS

Interviews with present owners, operators, and/or occupants of the subject site, as well as other knowledgeable parties as appropriate, is mandated by ASTM International Practice 1527-05. The objective of the interviews is to obtain information indicating RECs in connection with the subject site.

6.1. Interview with Owner

Ms. Mary Jane McMonigle, Co-Trustee, individual owner, and Manger of Section 20, LCC, and owner representative for the subject parcels, completed the owner questionnaire by electronic mail on behalf of the client. The questionnaire completed by Ms. McMonigle is provided as Appendix E. Ms. McMonigle was unaware of any present or historical environmental concerns at the subject site.

6.2. Interview with Local Government Officials

Since the subject site and vicinity is undeveloped and have no addresses and/or case file numbers, no review of files for the subject site or vicinity was performed.

6.3. Interview with Client

Mr. Clay Jensen, client representative for BrightSource Energy, provided subject site location information and completed the client questionnaire by electronic mail. The questionnaire completed by Mr. Jensen is provided as Appendix E-1. Mr. Jensen was unaware of any present or historical environmental concerns at the subject site.

7. FINDINGS, OPINIONS, AND CONCLUSIONS

Based upon the results of this Phase I ESA, the following findings, opinions, and conclusions are provided.

7.1. Findings and Opinions

- The subject site consists of 172 undeveloped parcels of land totaling approximately 3,900 acres in area, and located at the northwest corner of the intersection of Old Spanish Trail Highway and Gold Street in Inyo County, California. The subject site parcels are being developed as part of the proposed Hidden Hills Solar Facility.

- Based on a review of historical sources the parcels constituting the subject site have not previously been developed, with the exception of a small portion of the subject property that was formerly utilized as an orchard.

- Six groundwater wells were identified during the site reconnaissance. Four of the wells were observed on the southern boundary of the site, along the Old Spanish Trail Highway. The remaining two wells are located on the northeast portion of the subject site. Five of the wells have no downhole pumps installed, with four of these wells open to the surface with no permanent well cap. The remaining well, located in the former orchard area, and designated Orchard Well on Figure 4, has a downhole, submersible pump installed at the wellhead.

- Historical debris/trash piles were observed on the north-central portion of the subject site. In addition to the trash piles, small quantities of general solid waste was observed across the subject site, primarily along the Old Spanish Trail Highway. Irrigation piping debris were also noted in the former orchard area.

- No drums, unidentified substance containers, or other evidence of the storage or disposal of hazardous substances or petroleum products were observed at the subject site during the site reconnaissance.

- Two, approximately 4,000 gallon each, ASTs, labeled 'fire water' are located on the southern boundary of the subject site, to the east of the abandoned orchard. These ASTs

appear to be abandoned and non-usable. No evidence of additional ASTs or USTs (i.e., fill pipes, vent pipes, and emergency power generators) were observed on the subject site.

- Review of environmental databases indicated that there are no facilities located in the vicinity of the subject site that have handled hazardous materials or petroleum products and/or have been listed as having reported releases of hazardous materials or petroleum products.

7.2. Conclusions

This Phase I ESA was performed in conformance with the scope and limitations of the ASTM Practice E 1527-05. Any exceptions to or deletions from this practice are described in Section 1.5 of this report. This assessment has revealed no evidence of RECs, as defined in Section 1.1 of this report.

7.3. Data Gaps and Data Failures

The following data gaps were encountered during performance of this Phase I ESA.

- Aerial photographs for the subject site and vicinity prior to 1994 were not reasonably ascertainable. The lack of availability of aerial photographs prior to 1994 is not considered a significant data gap due to the availability of other historical resources (e.g. topographic maps) and the known historically undeveloped state of the subject site and vicinity.

The following data failures were encountered during performance of this Phase I ESA.

- Cross directories were not reasonably ascertainable for the subject site and vicinity. The lack of uninterrupted cross directories is not considered a significant data gap due to the availability of other historical resources (e.g. topographic maps and aerial photographs) and the historically undeveloped state of the subject site.

- No Sanborn fire insurance map coverage was available for the subject site and vicinity. This is not considered a significant data failure due to the availability of other historical resources (e.g. topographic maps and aerial photographs).

7.4. Deviations

The following conditions were noted as non-ASTM 1527-05 additional issues:

- Historical trash/debris piles were observed on the subject site. Ninyo & Moore recommends removal and disposal of solid waste in accordance with applicable federal and state regulations.

- Ninyo & Moore recommends that groundwater wells which are not to be used for monitoring purposes and/or production, be abandoned in accordance with applicable federal and state regulations. Wells that are to be used for monitoring purposes, but which do not have a permanent, sealed wellhead, should have a proper wellhead installed to minimize potential contamination pathways.

8. ADDITIONAL SERVICES

No additional services were performed during the preparation of this report.

9. REFERENCES

ASTM International, 2005, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, Designation E-1527-05.

California Department of Water Resources, 2011, Groundwater Information Center Website.

California Department of Toxic Substances Control, 2011, EnviroStor Database Online.

Code of Federal Regulations, Title 40, Chapter I, Subchapter J, Part 312.10(b) (40 CFR §312.10[b]).

Environmental FirstSearch™ Report dated May 13, 2011.

Nevada Division of Environmental Protection, 2011, Bureau of Corrective Actions Online Database.

Ninyo & Moore, 2011a, Preliminary Geotechnical Evaluation Report, Hidden Hills Solar Facility, Inyo County, California, dated February 17.

Ninyo & Moore, 2011b, Orchard Well Groundwater Sampling Letter, Hidden Hills Solar Facility, Inyo County, California, dated March 31.

United States Environmental Protection Agency, 2006, Innocent Landowner, Standards for Conducting All Appropriate Inquiries, 40 CFR Part 312.

United States Environmental Protection Agency, 2011, Enforcement and Compliance Online.

United States Geological Survey, 1956, Horse Thief Springs Quadrangle, California-Nevada, 15-minute series topographic map, Scale 1:62,500.

United States Geological Survey, 1984 Provisional Edition, Calvada Springs Quadrangle, California-Nevada, 7.5-minute series topographic map, Scale 1:24,000.

United States Geological Survey, 1984 Provisional Edition, Mound Spring Quadrangle, Nevada-California, 7.5-minute series topographic map, Scale 1:24,000.

10. SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

Randy S. Kyes
Project Environmental Scientist

Albert Ridley, CEG
Principal Geologist

11. QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

As required by 40 CFR §312.21(d) the following statement is included:

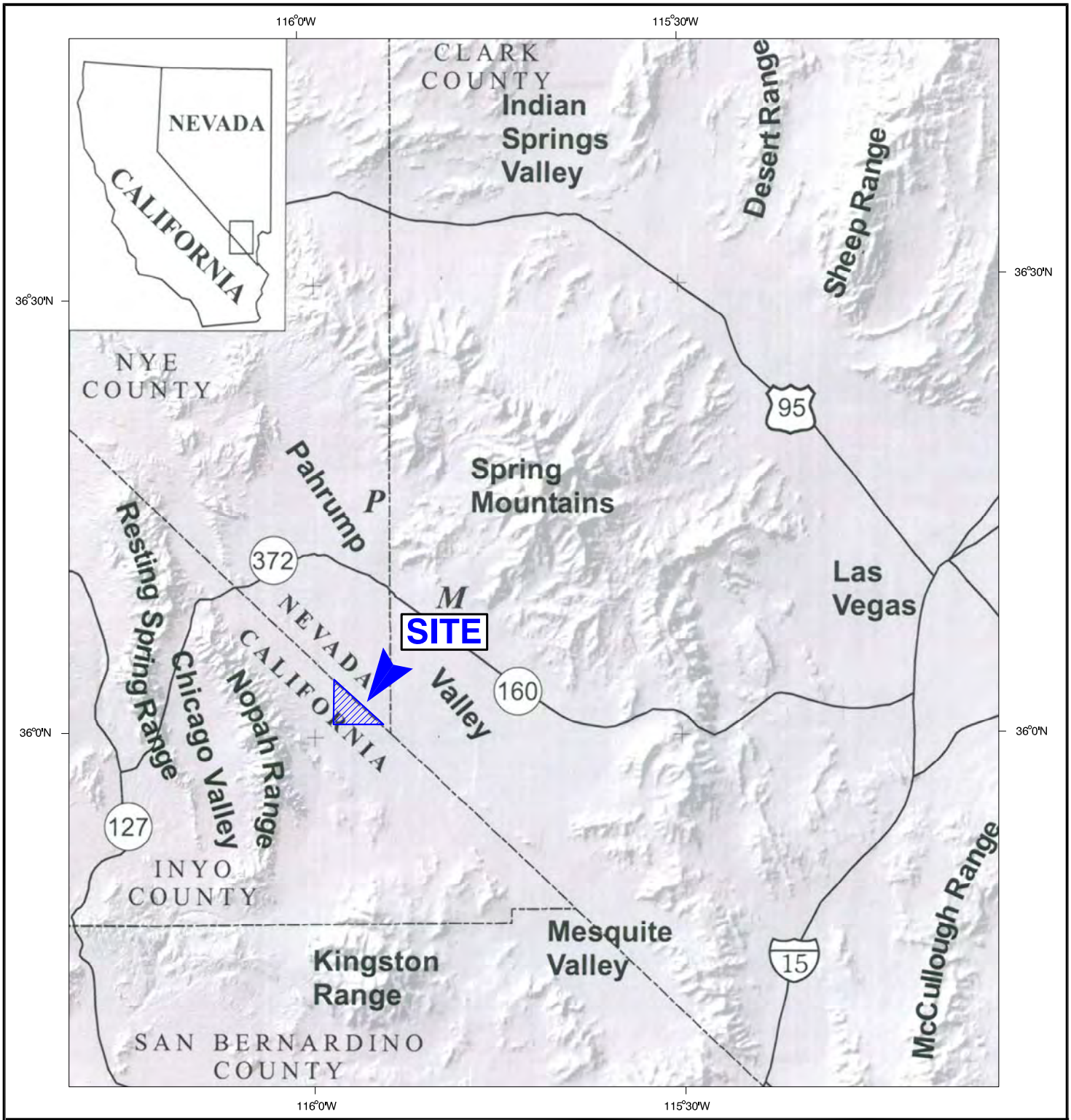
> *I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined by §312.10 of 40 CFR 312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.*

Albert P. Ridley, CEG
Certified Engineering Geologist
No. 926
Expires: May 31, 2013

7-5-11
Date

Resumes, which document the professional qualifications, pursuant to 40 CFR §312.10(b)(2), of the persons that prepared and reviewed this report are provided as Appendix F.

FIGURES



REFERENCE: SHADED-RELIEF BASE FROM U.S. GEOLOGICAL SURVEY 1:250,000-SCALE DIGITAL DATA; SUN ILLUMINATION FROM NORTHWEST AT 30 DEGREES ABOVE HORIZON.

SCALE IN FEET

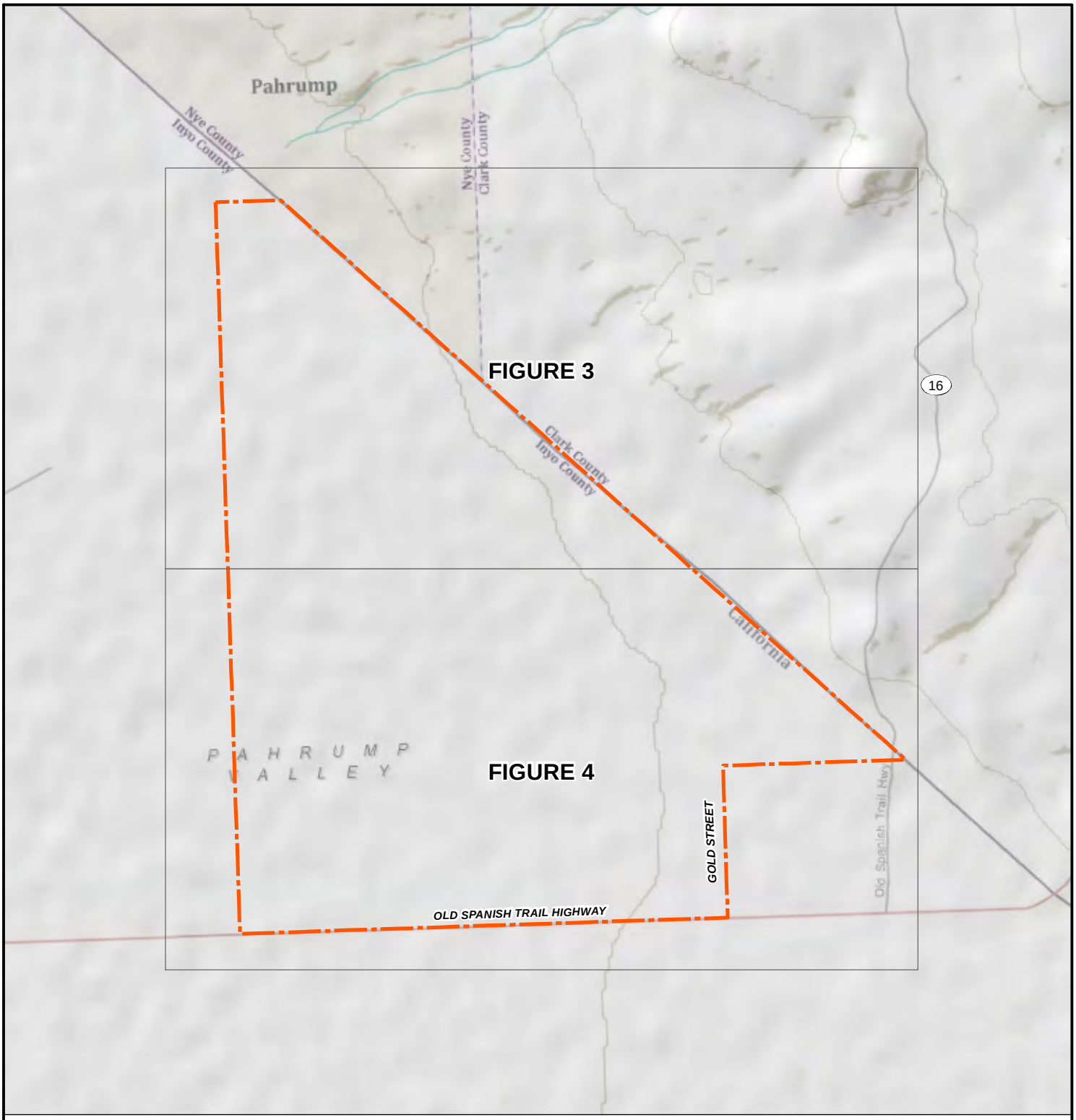
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NOTE: DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE

N

303200002 silo.dwg

Ninyo & Moore	SITE LOCATION	FIGURE
PROJECT NO. 303200002 / DATE 5/11	HIDDEN HILLS SOLAR FACILITY OLD SPANISH TRAIL HIGHWAY AND GOLD STREET INYO COUNTY, CALIFORNIA	1



SOURCE: USGS, FAO, NPS, EPA, ESRI, DeLorme, TANA, other suppliers

NOTE: DIRECTIONS, DIMENSIONS AND LOCATIONS ARE APPROXIMATE

SCALE IN FEET

0 1,500 3,000 6,000

N

Ninyo & Moore	MAP INDEX	FIGURE
PROJECT NO. 303200002 / DATE 5/11	HIDDEN HILLS SOLAR FACILITY OLD SPANISH TRAIL HIGHWAY AND GOLD STREET INYO COUNTY, CALIFORNIA	2

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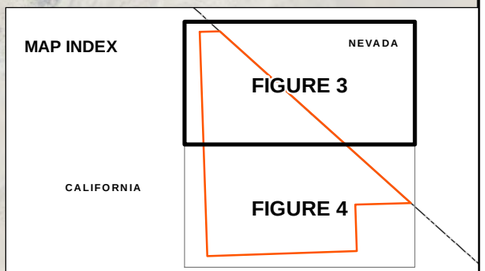
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NEVADA

CALIFORNIA

DEBRIS PILE

MAP INDEX



SOURCE: DATA SOURCE

LEGEND

WELL

SITE BOUNDARY

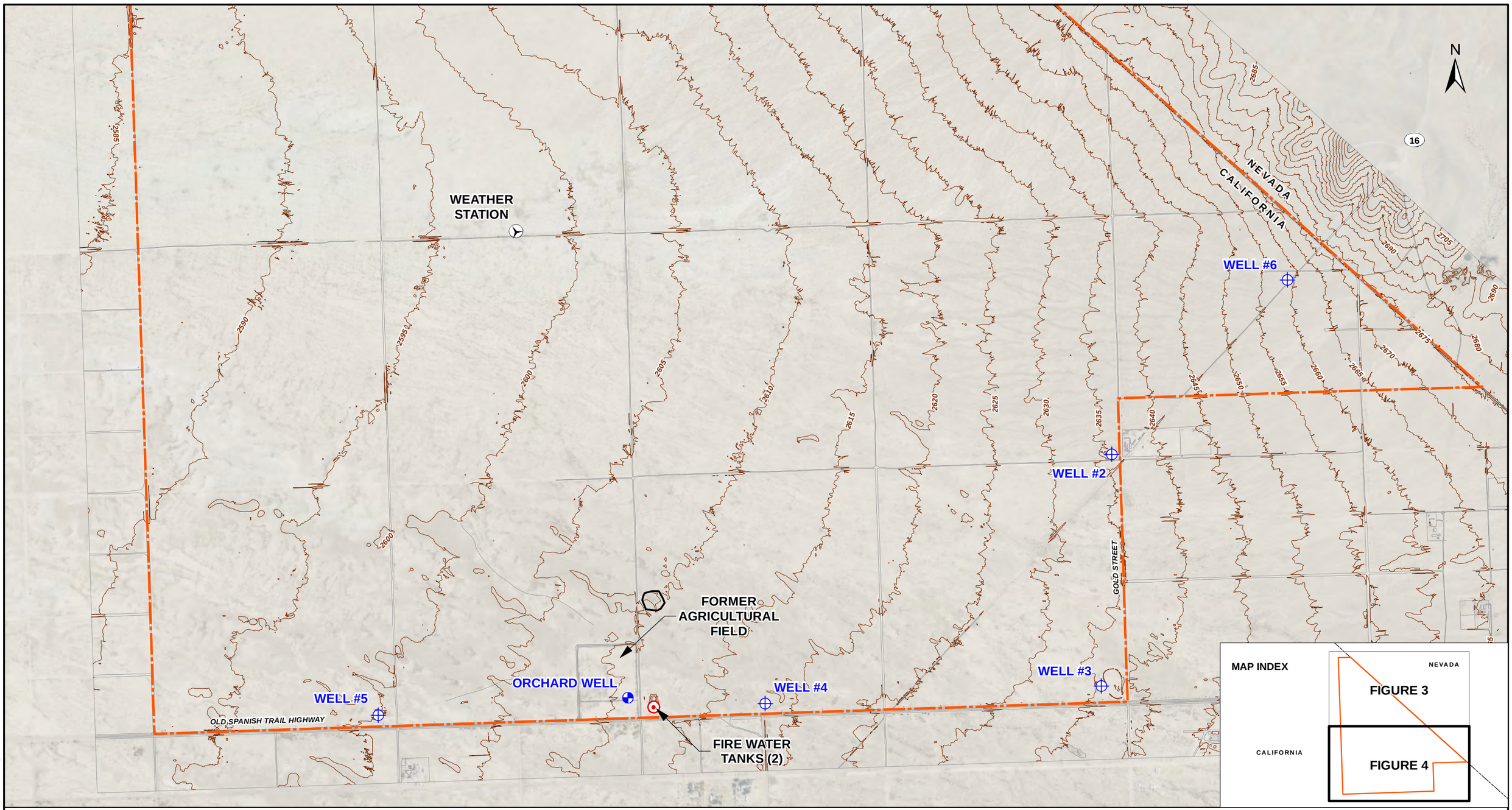
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0 500 1,000 2,000

NOTE: DIRECTIONS, DIMENSIONS AND LOCATIONS ARE APPROXIMATE

Ninyo & Moore		SITE PLAN (NORTH)	FIGURE
PROJECT NO.	DATE	HIDDEN HILLS SOLAR FACILITY OLD SPANISH TRAIL HIGHWAY AND GOLD STREET INYO COUNTY, CALIFORNIA	3
303200002	5/11		

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SOURCE: DATA SOURCE

LEGEND

- WELL
- SITE BOUNDARY

SCALE IN FEET

0 500 1,000 2,000

NOTE: DIRECTIONS, DIMENSIONS AND LOCATIONS ARE APPROXIMATE

Ninyo & Moore	SITE PLAN (SOUTH)	FIGURE
PROJECT NO. / DATE	HIDDEN HILLS SOLAR FACILITY OLD SPANISH TRAIL HIGHWAY AND GOLD STREET INYO COUNTY, CALIFORNIA	4
303200002 / 5/11		

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