

APPENDIX A

**LOCAL STREET MAPS, TOPOGRAPHIC, PHYSICAL SETTINGS MAP, AND
AERIAL PHOTOGRAPHS**



On time. On target. In touch.™

Historical Topographic Maps

NEW: GeoLens by Geosearch

Target Property:

Vacant Land

4700 Sundt Rd NE

Rio Rancho, Sandoval, New Mexico 87124

Prepared For:

Rhoades Environmental

Order #: 141466

Job #: 337059

Project #: 20129.128

Date: 2/7/2020

GeoSearch www.geo-search.com 888-396-0042

Target Property Summary

Vacant Land

4700 Sundt Rd NE

Rio Rancho, Sandoval, New Mexico 87124

USGS Quadrangle: Loma Machete

Target Property Geometry: Area

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

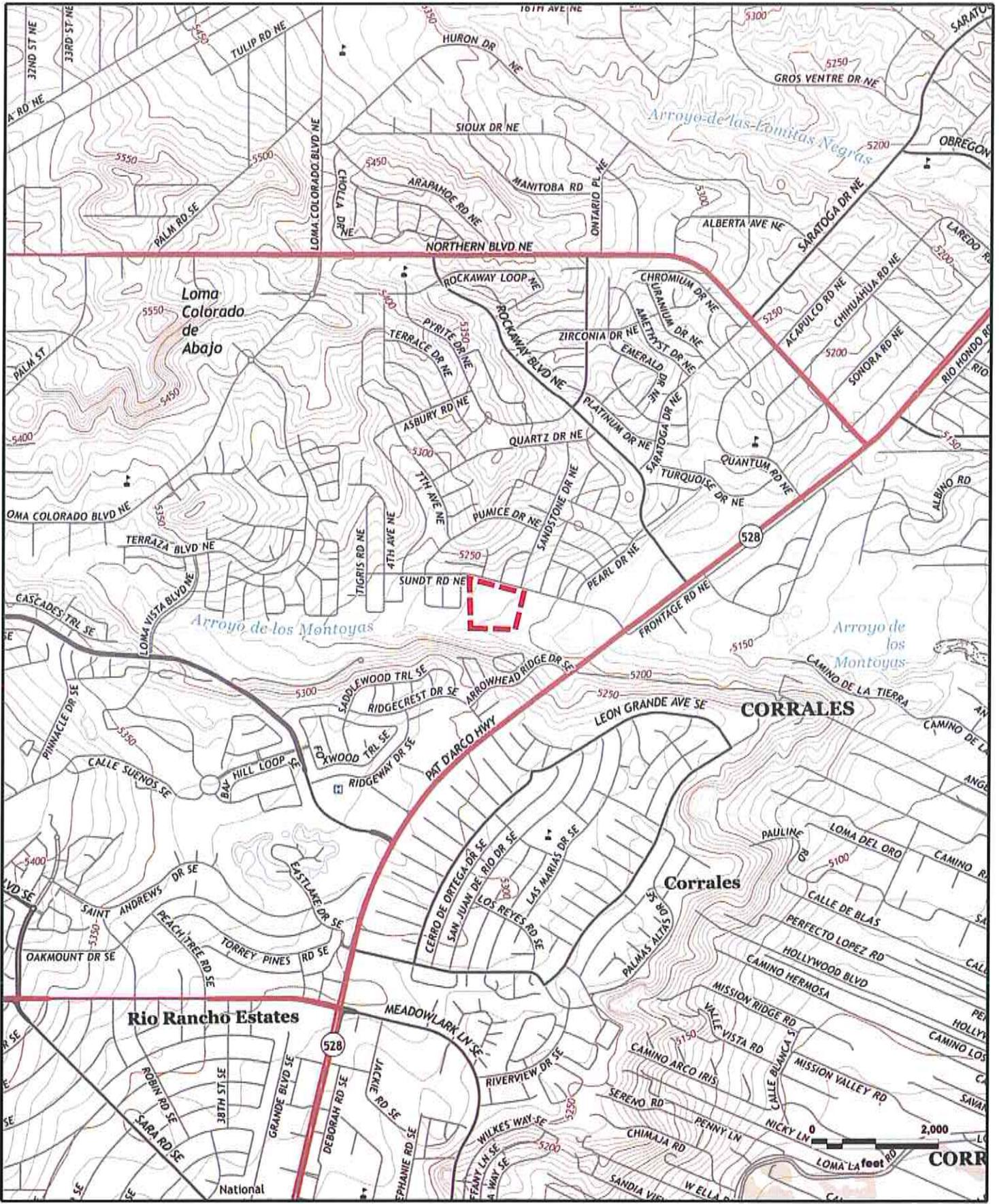
(-106.648915906, 35.257898641), (-106.648985643, 35.260088801), (-106.646045942, 35.259453661),

(-106.646518011, 35.257854837)

Topographic Map Summary

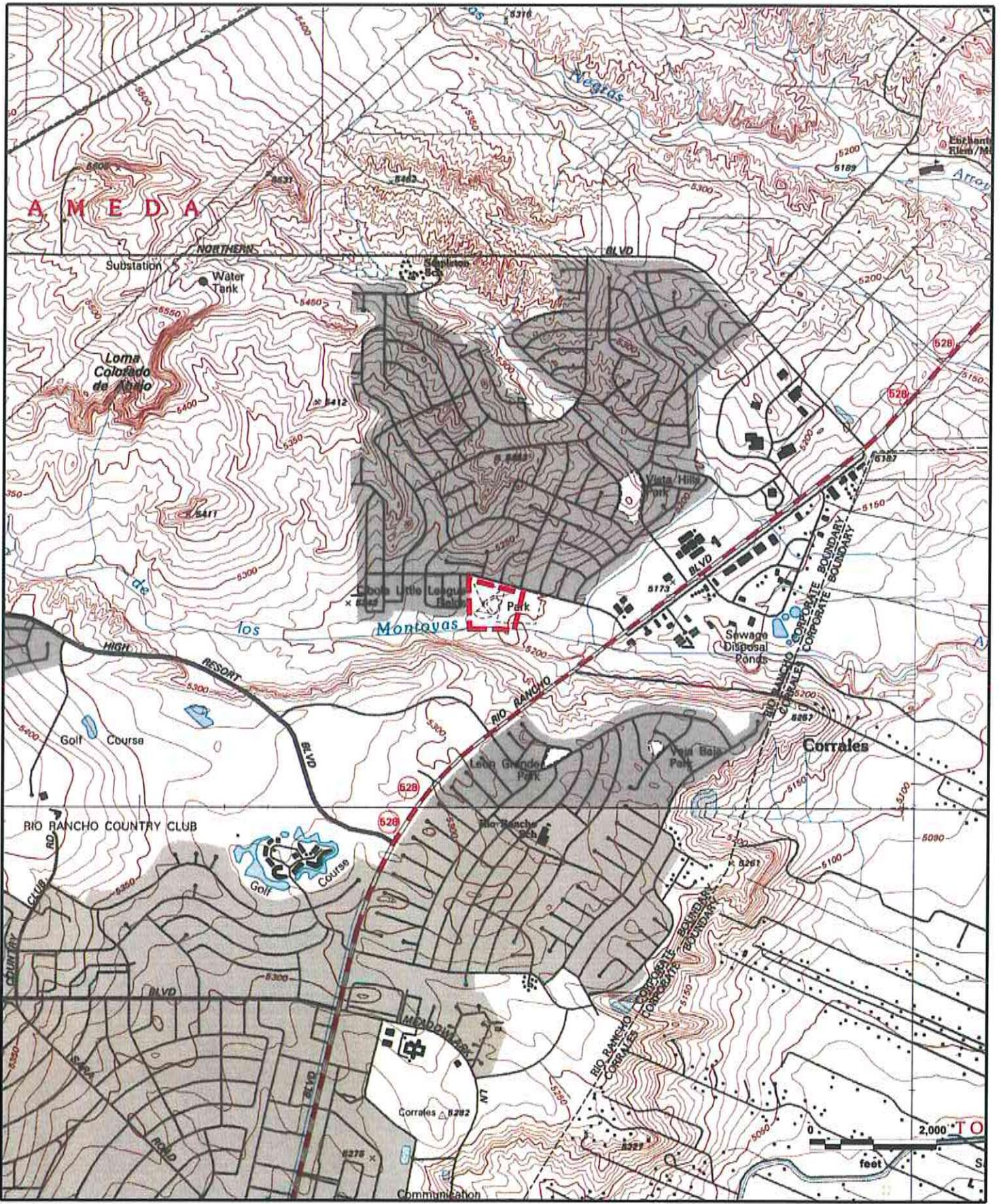
<u>Date</u>	<u>Quadrangle</u>	<u>Scale</u>
2013	LOMA MACHETE, NM (2013) BERNALILLO, NM (2013) LOS GRIEGOS, NM (2013) ALAMEDA, NM (2013)	1" = 2000'
1990	LOMA MACHETE, NM (1990) BERNALILLO, NM (1990) LOS GRIEGOS, NM (1990) ALAMEDA, NM (1990)	1" = 2000'
1954 PHOTOREVISED 1972	LOMA MACHETE, NM (1972) BERNALILLO, NM (1972) LOS GRIEGOS, NM (1972) ALAMEDA, NM (1972)	1" = 2000'
1954	LOMA MACHETE, NM (1954) BERNALILLO, NM (1954) LOS GRIEGOS, NM (1954) ALAMEDA, NM (1954)	1" = 2000'
1893	ALBUQUERQUE, NM	1" = 10420'
1889	ALBUQUERQUE, NM	1" = 10420'
1888	BERNALILLO, NM	1" = 10420'

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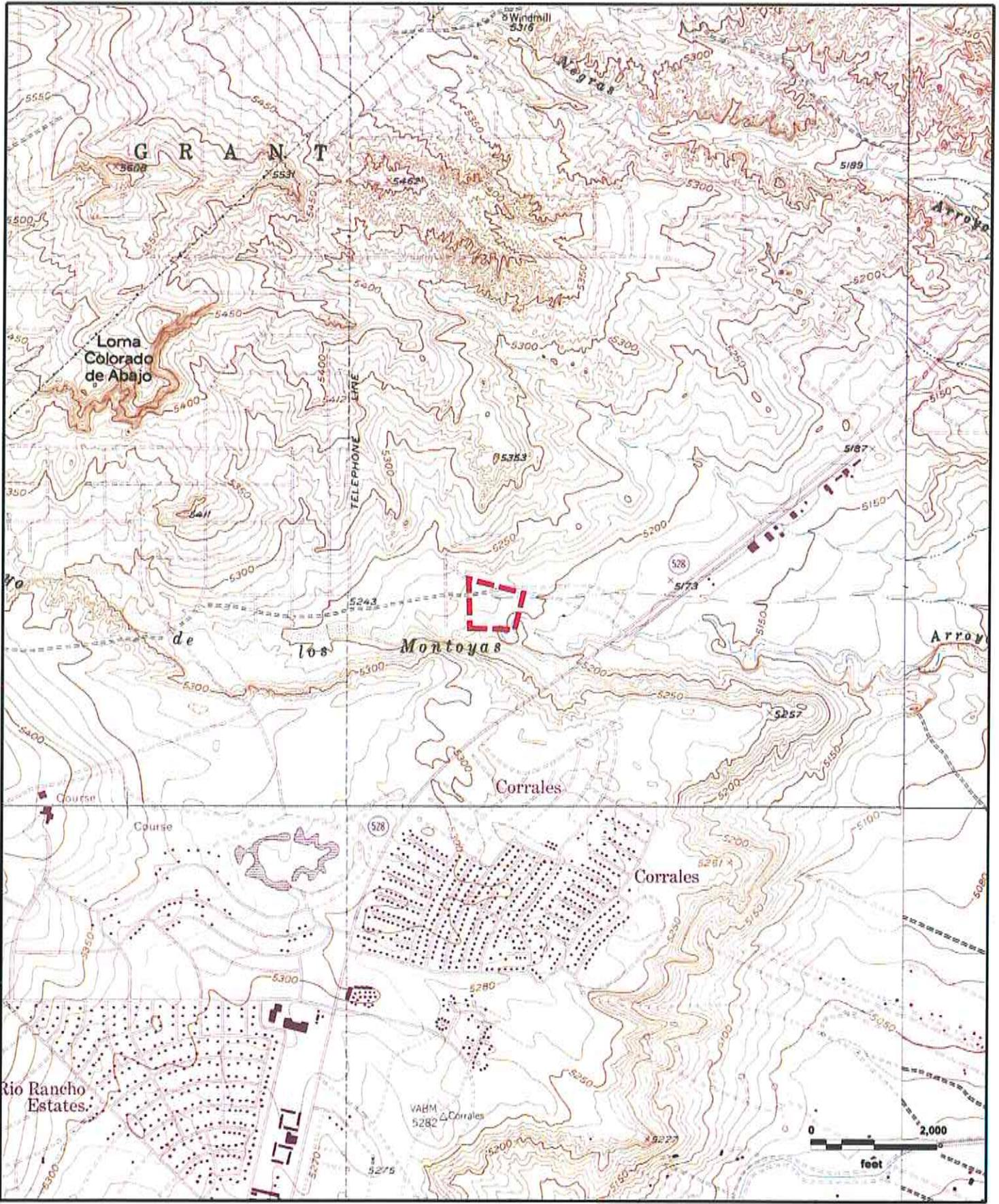
Vacant Land
LOMA MACHETE, NM (2013); BERNALILLO, NM (2013)
LOS GRIEGOS, NM (2013); ALAMEDA, NM (2013)





Vacant Land
LOMA MACHETE, NM (1990); BERNALILLO, NM (1990)
LOS GRIEGOS, NM (1990); ALAMEDA, NM (1990)

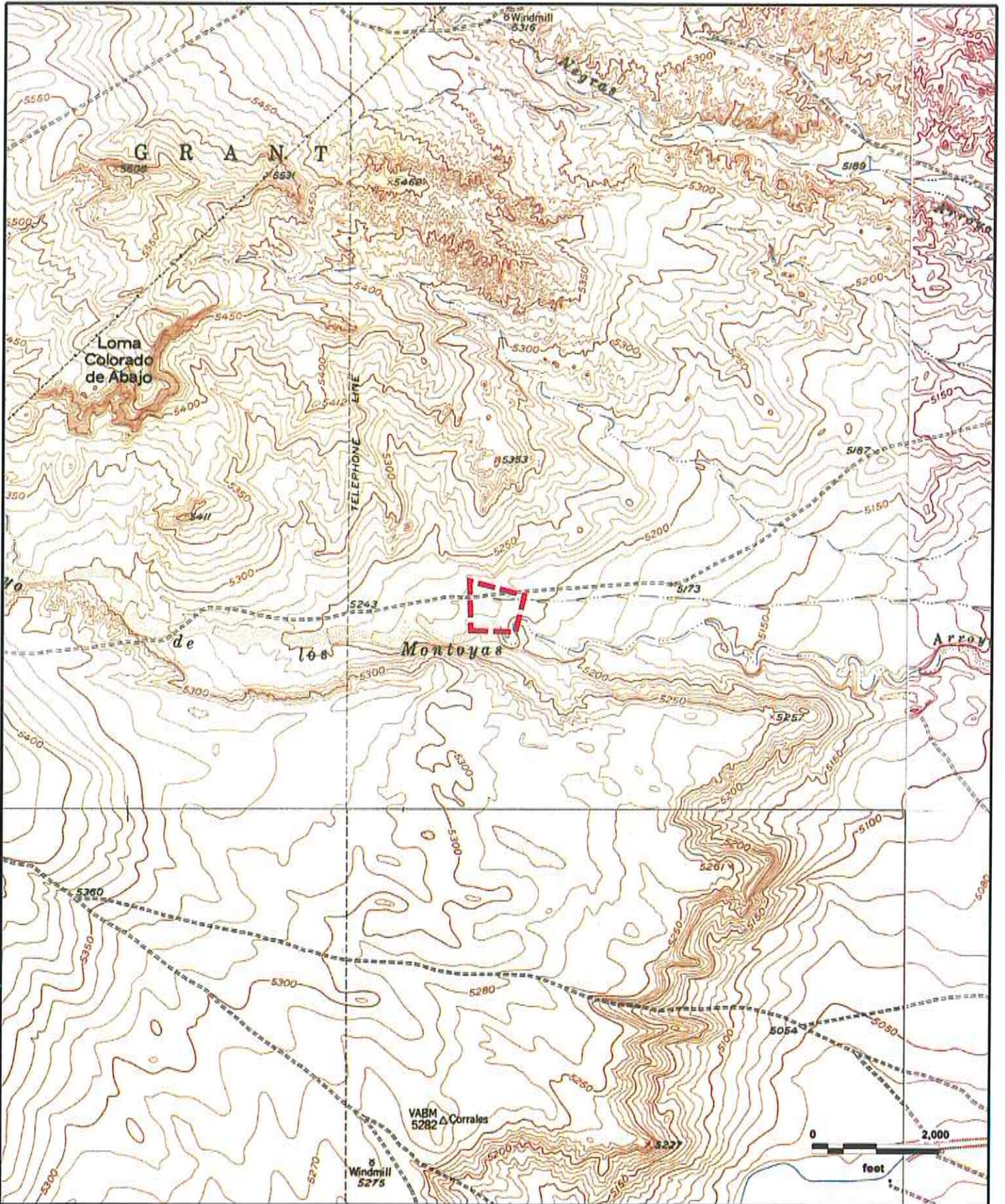




Vacant Land

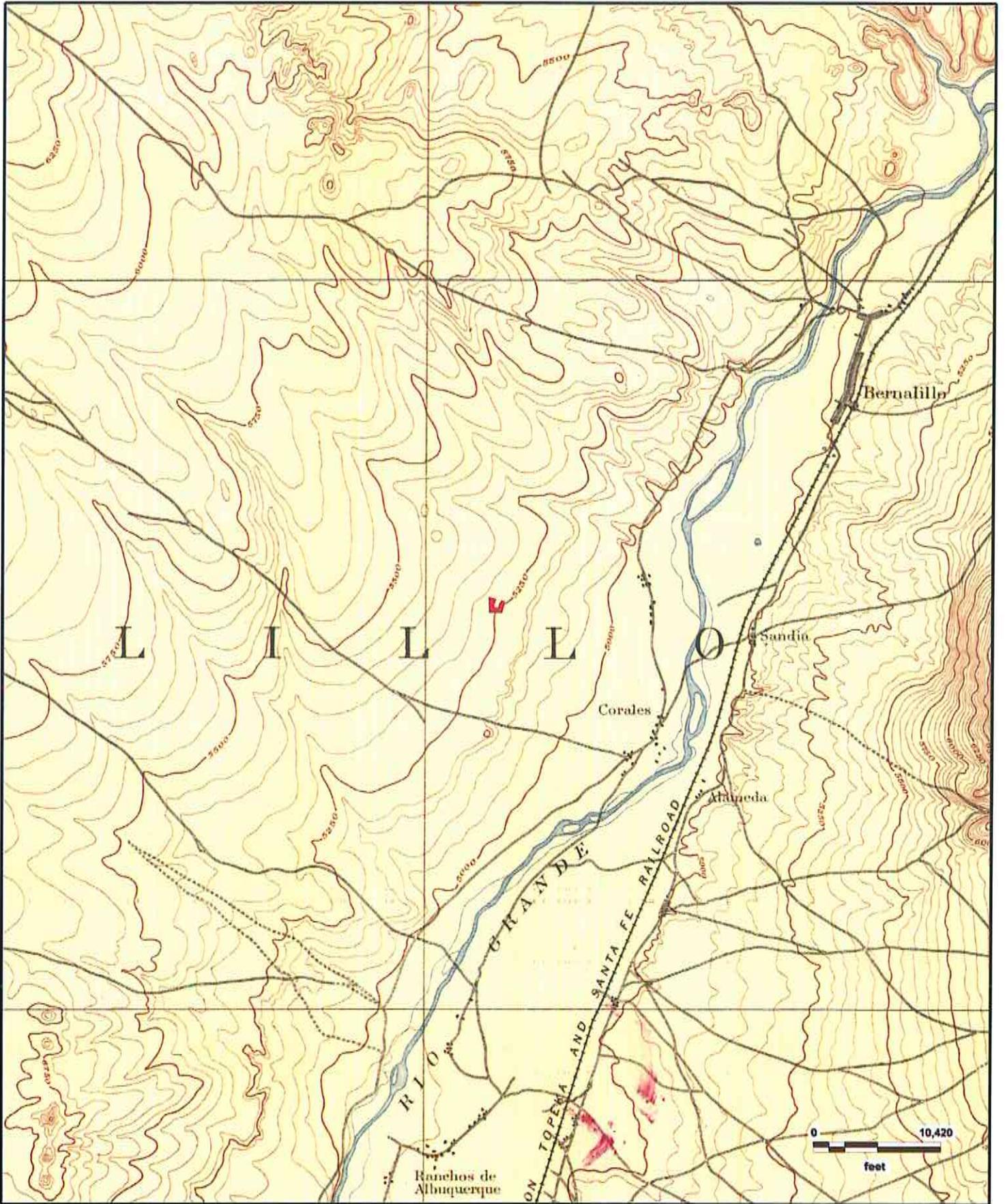
**LOMA MACHETE, NM (1972); BERNALILLO, NM (1972)
 LOS GRIEGOS, NM (1972); ALAMEDA, NM (1972)**





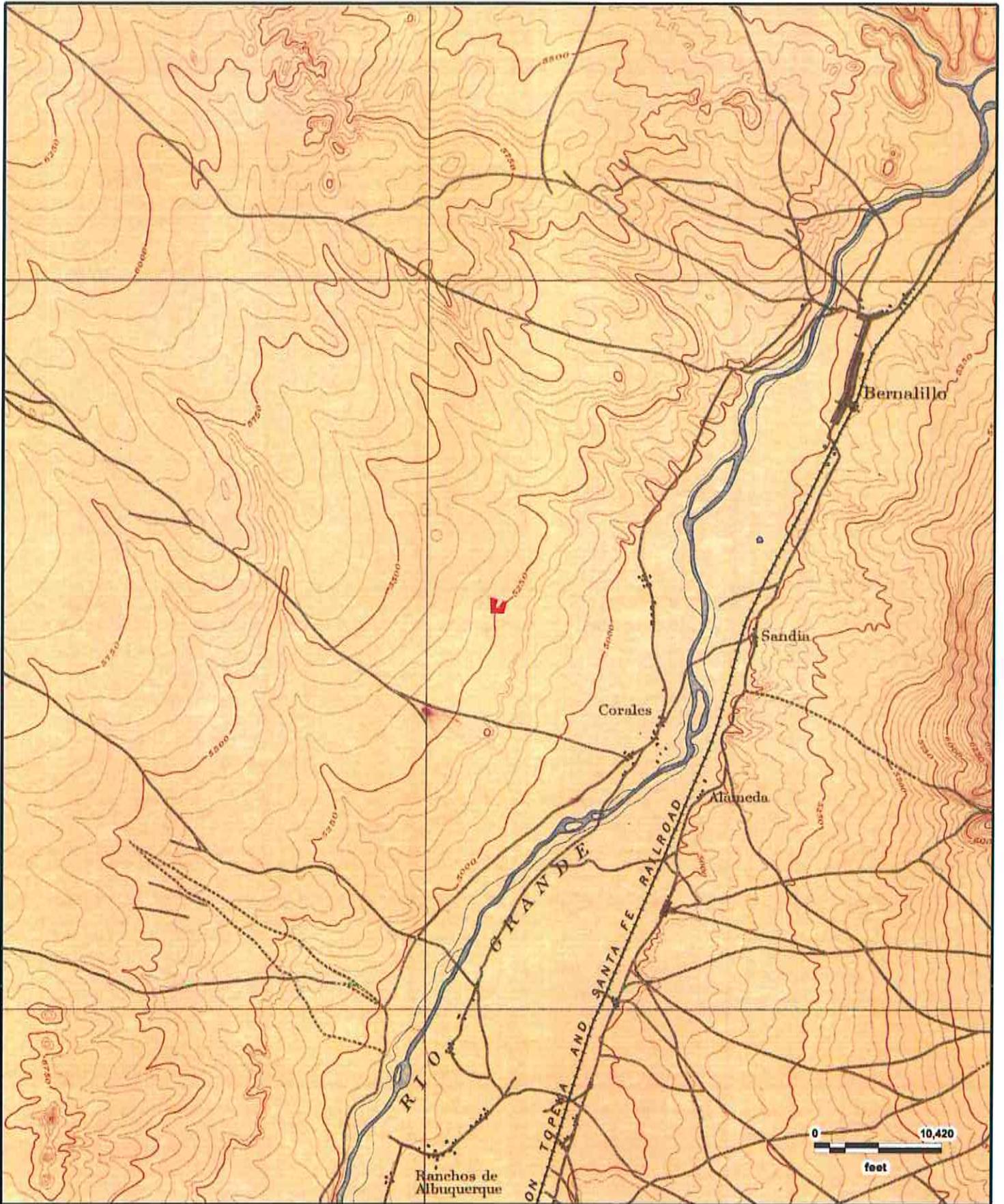
Vacant Land
LOMA MACHETE, NM (1954); BERNALILLO, NM (1954)
LOS GRIEGOS, NM (1954); ALAMEDA, NM (1954)

GeoSearch



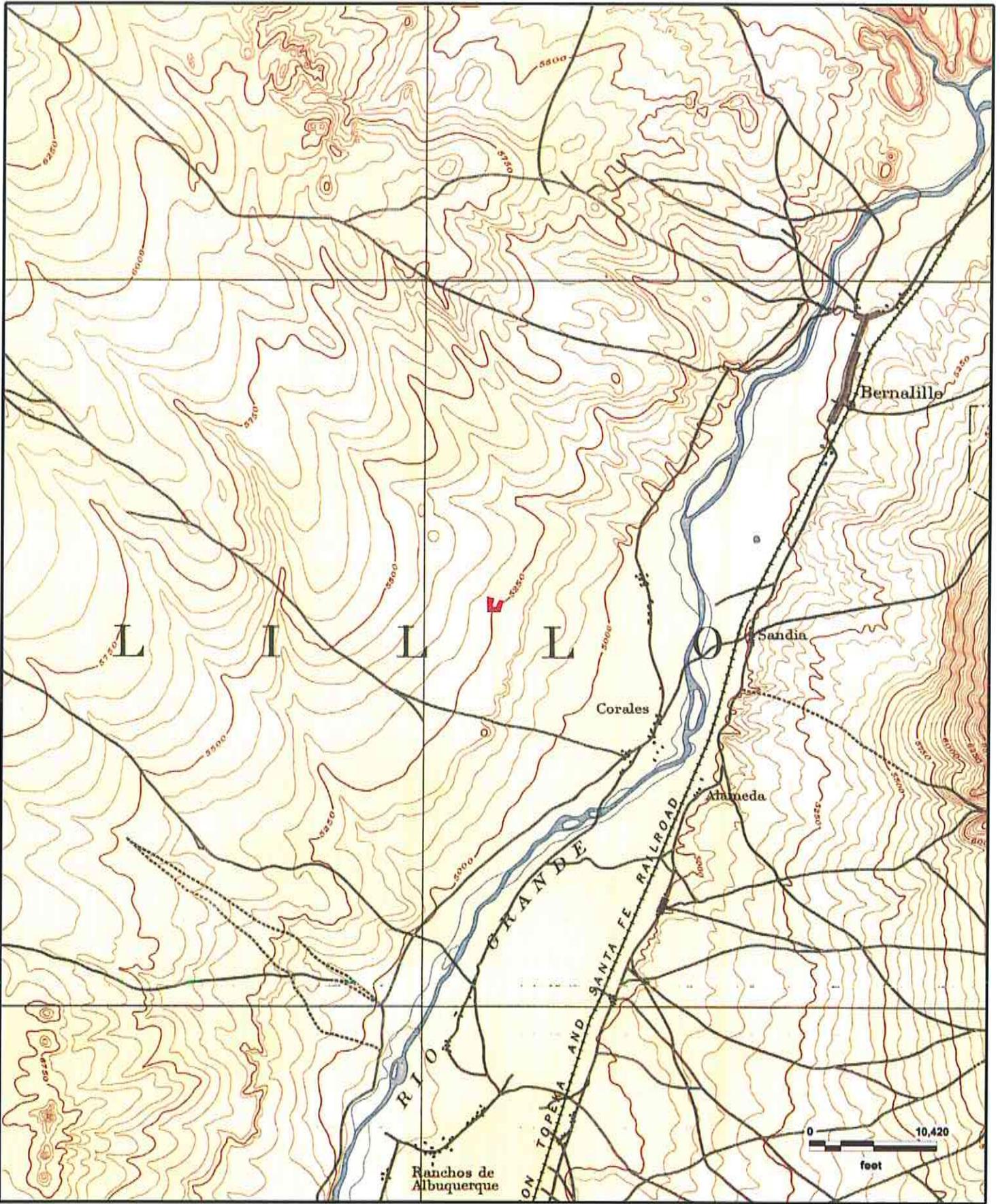
Vacant Land
ALBUQUERQUE, NM (1893)

GeoSearch



Vacant Land
ALBUQUERQUE, NM (1889)





 **Vacant Land**
BERNALILLO, NM (1888) 

GeoPlus Physical Setting Maps

[Satellite view](#)

Target Property:

Vacant Land

4700 Sundt Rd NE

Rio Rancho, Sandoval County, New Mexico 87124

Prepared For:

Rhoades Environmental

Order #: 141466

Job #: 337064

Project #: 20129.128

Date: 02/06/2020

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Target Property Summary

Target Property Information

*Vacant Land
4700 Sundt Rd NE
Rio Rancho, New mexico 87124*

Coordinates

*Area centroid (-106.64767, 35.2588669)
5,212 feet above sea level*

USGS Quadrangle

Loma Machete, NM

Geographic Coverage Information

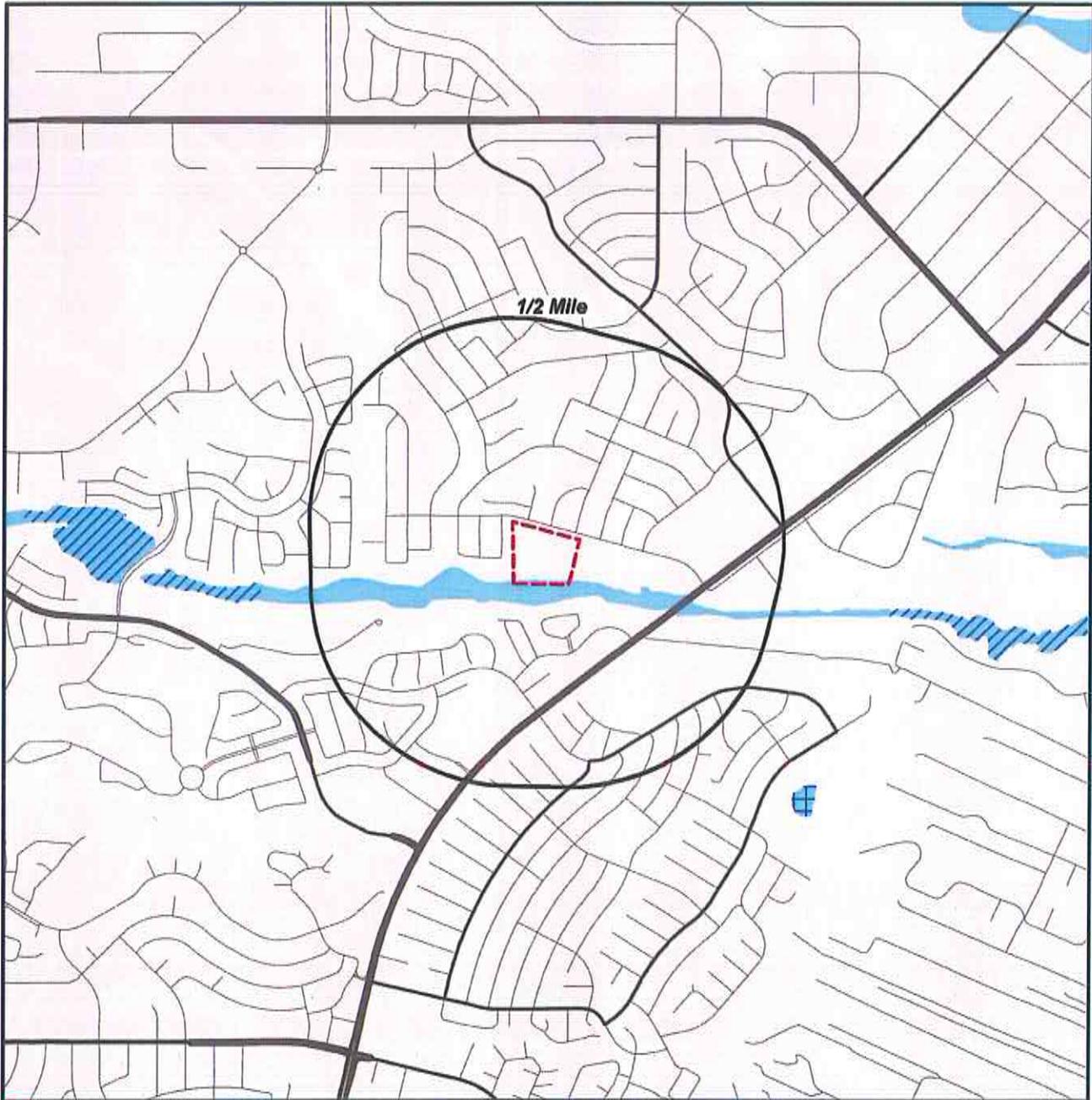
County/Parish: Sandoval (NM)

ZipCode(s):

Corrales NM: 87048

Rio Rancho NM: 87124

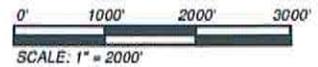
FEMA Map



- Target Property (TP)**
- | | | | |
|--|---------|--|----------------------------------|
| | ZONE A | | ZONE D |
| | ZONE AE | | ZONE X |
| | ZONE AH | | AREA NOT INCLUDED |
| | ZONE A0 | | OPEN WATER |
| | ZONE AR | | NDA - DIGITAL DATA NOT AVAILABLE |
| | ZONE V | | |
| | ZONE VE | | |

Vacant Land
4700 Sundt Rd NE
Rio Rancho, New Mexico
87124

Letter of map revision date:
 04/06/18
 Latest study effective date:
 11/4/2016
 Panel #: 35043C1894D



[Click here to access Satellite view](#)

FEMA Report

FEMA - Federal Emergency Management Agency

The National Flood Hazard Layer (NFHL) data used in this report is derived from the Federal Emergency Management Agency. The NFHL dataset is a compilation of effective Flood Insurance Rate Map (FIRM) databases (a collection of the digital data that are used in GIS systems for creating new Flood Insurance Rate Maps) and Letters of Map Change (Letters of Map Amendment and Letters of Map Revision only) that create a seamless GIS data layer for United States and its territories. The NFHL is updated as new study or LOMC data becomes effective. Note: Currently, not all areas have modernized FIRM database data available. As a result, users may need to refer to the effective Flood Insurance Rate Map for effective flood hazard information.

FEMA Flood Zone Definitions within Search Radius

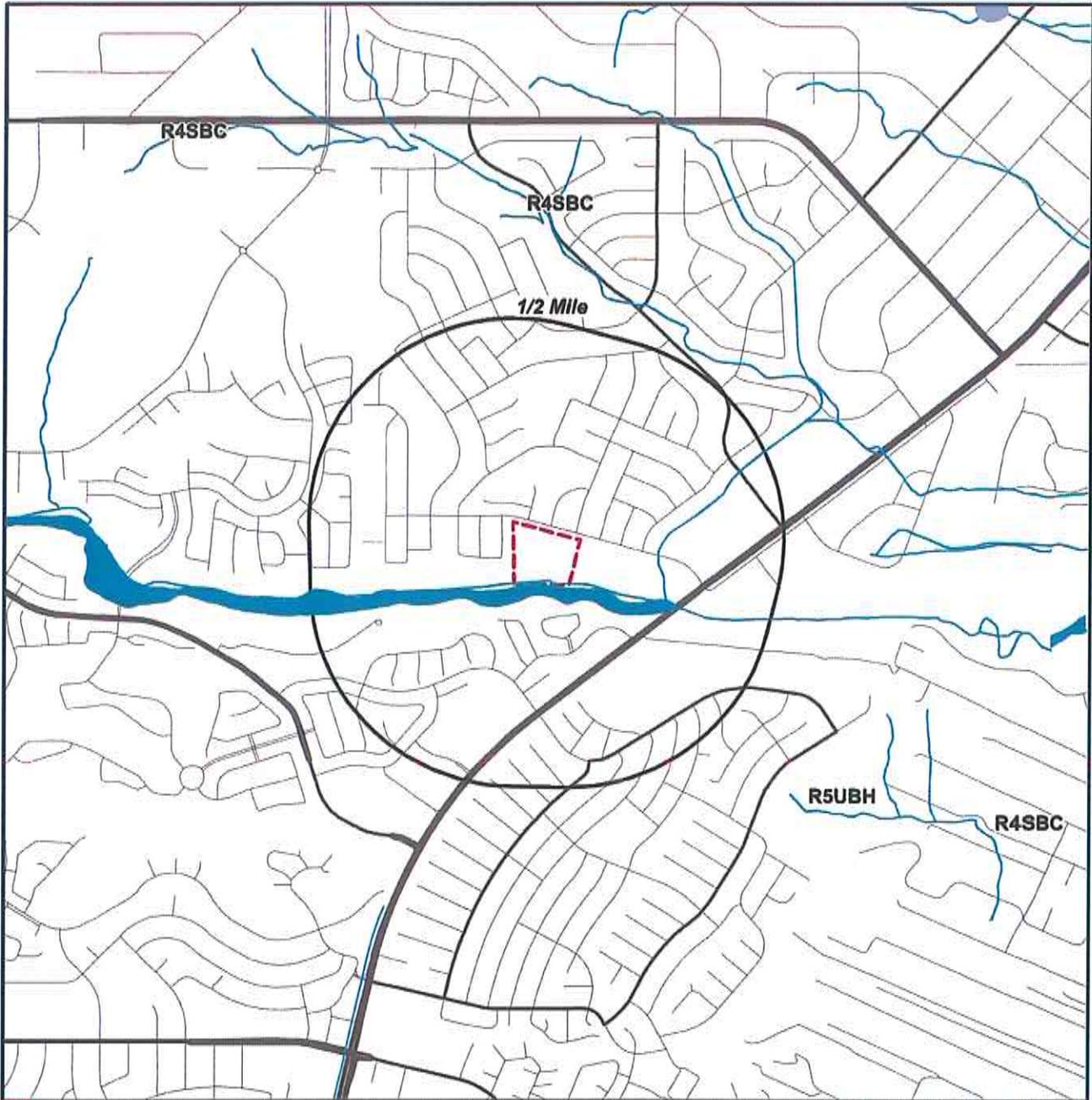
A	Zone A
---	--------

Areas subject to inundation by the 1-percent-annual-chance flood event. Because detailed hydraulic analyses have not been performed, no Base Flood Elevations (BFEs) or flood depths are shown.

X	Zone X
---	--------

An area that is determined to be outside the 100 and 500 year floodplains.

NWI Map



 Target Property (TP)

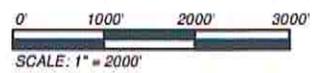
-  ESTUARINE AND MARINE DEEPWATER
-  ESTUARINE AND MARINE WETLAND
-  FRESHWATER EMERGENT WETLAND
-  FRESHWATER FORESTED/ SHRUB WETLAND

-  LAKE
-  OTHER
-  RIVERINE

Vacant Land
4700 Sundt Rd NE
Rio Rancho, New Mexico
87124

ID  NDA - DIGITAL DATA NOT AVAILABLE

Map Date: 05/01/2018



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NWI Report

NWI - National Wetlands Inventory

The US NWI digital data bundle is a set of records of wetlands location and classification as defined by the U.S. Fish & Wildlife Service. This dataset is one of a series available in 7.5 minute by 7.5 minute blocks containing ground planimetric coordinates of wetlands point, line, and area features and wetlands attributes. When completed, the series will provide coverage for all of the contiguous United States, Hawaii, Alaska, and U.S. protectorates in the Pacific and Caribbean. The digital data as well as the hardcopy maps that were used as the source for the digital data are produced and distributed by the U.S. Fish & Wildlife Service's National Wetlands Inventory project. Currently, this data is only available in select counties throughout the United States.

NWI Definitions within Search Radius

R4SBC

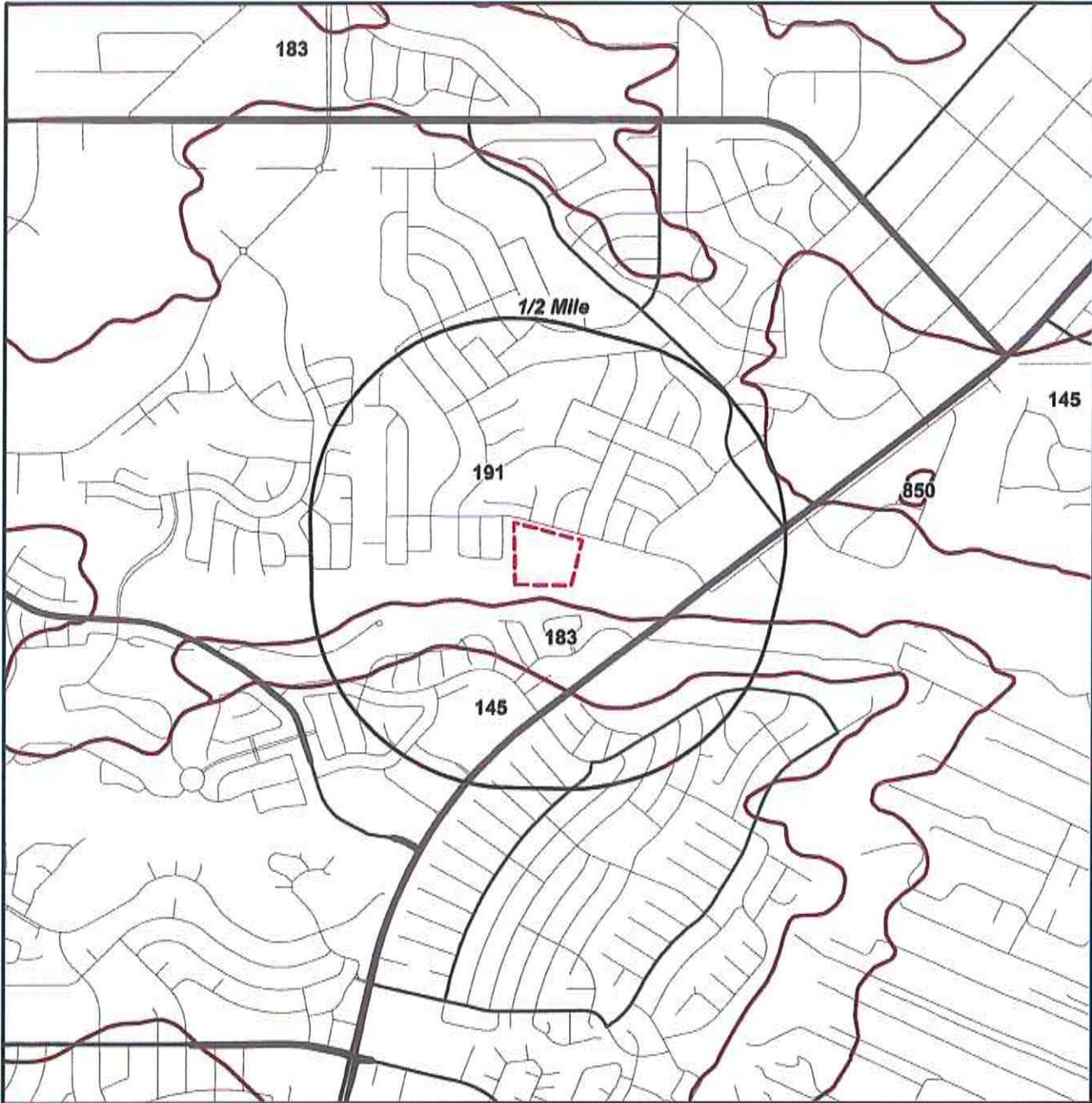
SYSTEM: RIVERINE

SUBSYSTEM: INTERMITTENT

CLASS: STREAMBED

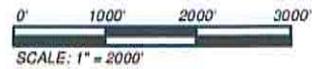
WATER REGIME: SEASONALLY FLOODED

Soil Map



- Target Property (TP)
- SOIL BOUNDARY
- NOTCOM - DIGITAL DATA NOT AVAILABLE/NOT COMPLETE

Vacant Land
4700 Sundt Rd NE
Rio Rancho, New
Mexico
87124



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SOIL Report

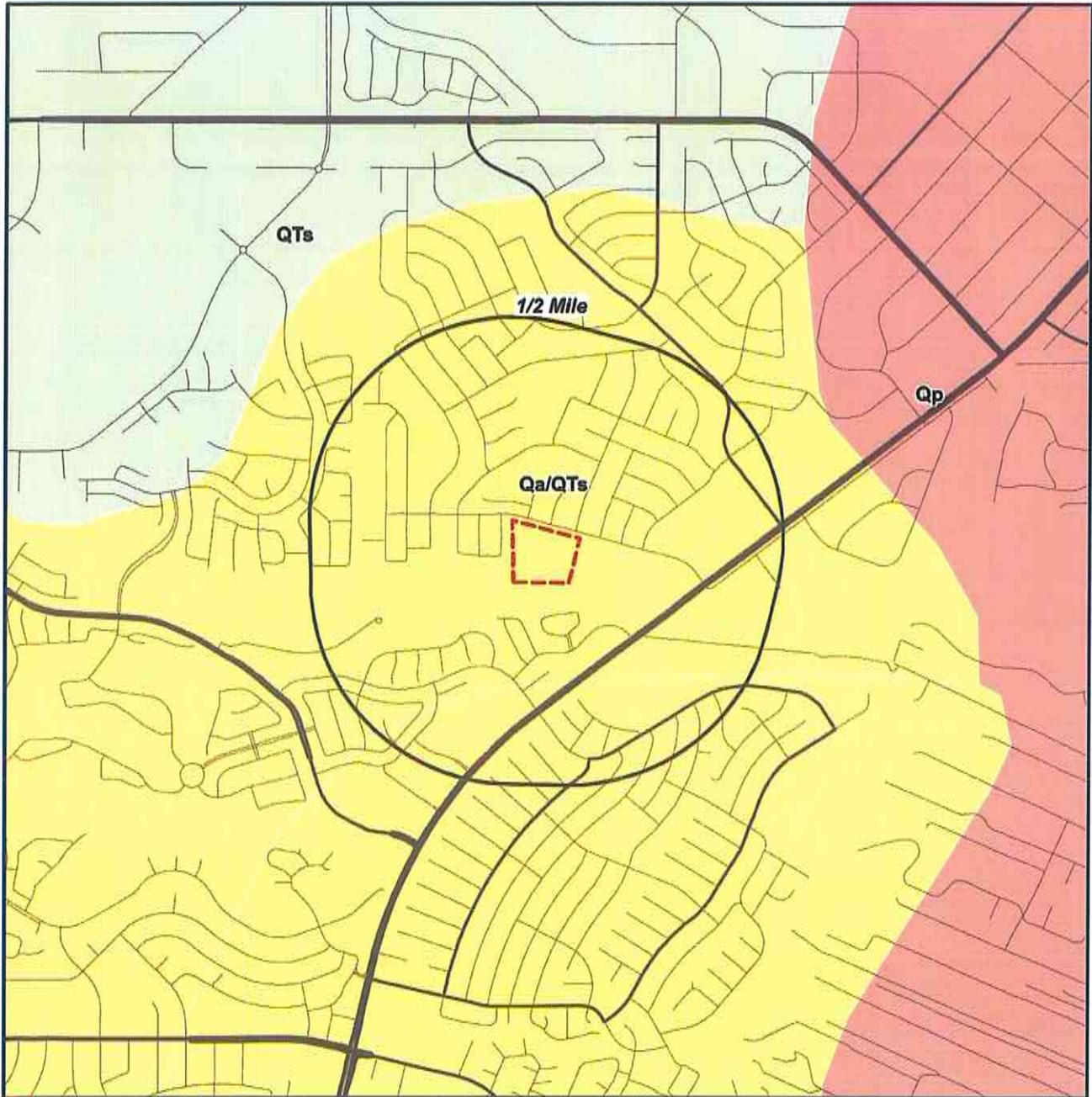
Soil Surveys

The soil data used in this report is obtained from the Natural Resources Conservation Service (NRCS). The NRCS is the primary federal agency that works with private landowners to help them conserve, maintain and improve their natural resources. The soil survey contains information that can be applied in managing farms and ranches; in selecting sites for roads, ponds, buildings and other structures; and in determining the suitability of tracts of land for farming, industry and recreation. This data is available in select counties throughout the United States.

SOIL Code Definitions within Search Radius

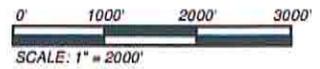
- 145 Grieta-Sheppard loamy fine sands, 2 to 9 percent slopes
- 191 Sheppard loamy fine sand, 3 to 8 percent slopes
- 183 Sheppard loamy fine sand, 8 to 15 percent slopes

Geology Map



 Target Property (TP)

Vacant Land
4700 Sundt Rd NE
Rio Rancho, New
Mexico
87124



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GeoSearch www.geo-search.com 888-396-0042

GEOLOGY Report

US GEOLOGY

THE GEOLOGY DATA USED IN THIS REPORT ORIGINATES FROM THE USGS. THE FIRST STAGE IN DEVELOPING STATE DATABASES FOR THE CONTERMINOUS UNITED STATES WAS TO ACQUIRE DIGITAL VERSIONS OF ALL EXISTING STATE GEOLOGIC MAPS. ALTHOUGH A SIGNIFICANT NUMBER OF DIGITAL STATE MAPS ALREADY EXISTED, A NUMBER OF STATES LACKED THEM. FOR THESE STATES NEW DIGITAL COMPILATIONS WERE PREPARED IN COOPERATION WITH STATE GEOLOGIC SURVEYS OR BY THE NSA (NATIONAL SURVEYS AND ANALYSIS) PROJECT. THESE NEW DIGITAL STATE GEOLOGIC MAPS AND DATABASES WERE CREATED BY DIGITIZING ALREADY EXISTING PRINTED MAPS, OR, IN A FEW CASES, BY MERGING EXISTING LARGER SCALE DIGITAL MAPS.

GEOLOGY Definitions within Search Radius

GEOLOGY SYMBOL: **Qa; Q**

UNIT NAME: **alluvium**

UNIT AGE: **Phanerozoic | Cenozoic | Quaternary**

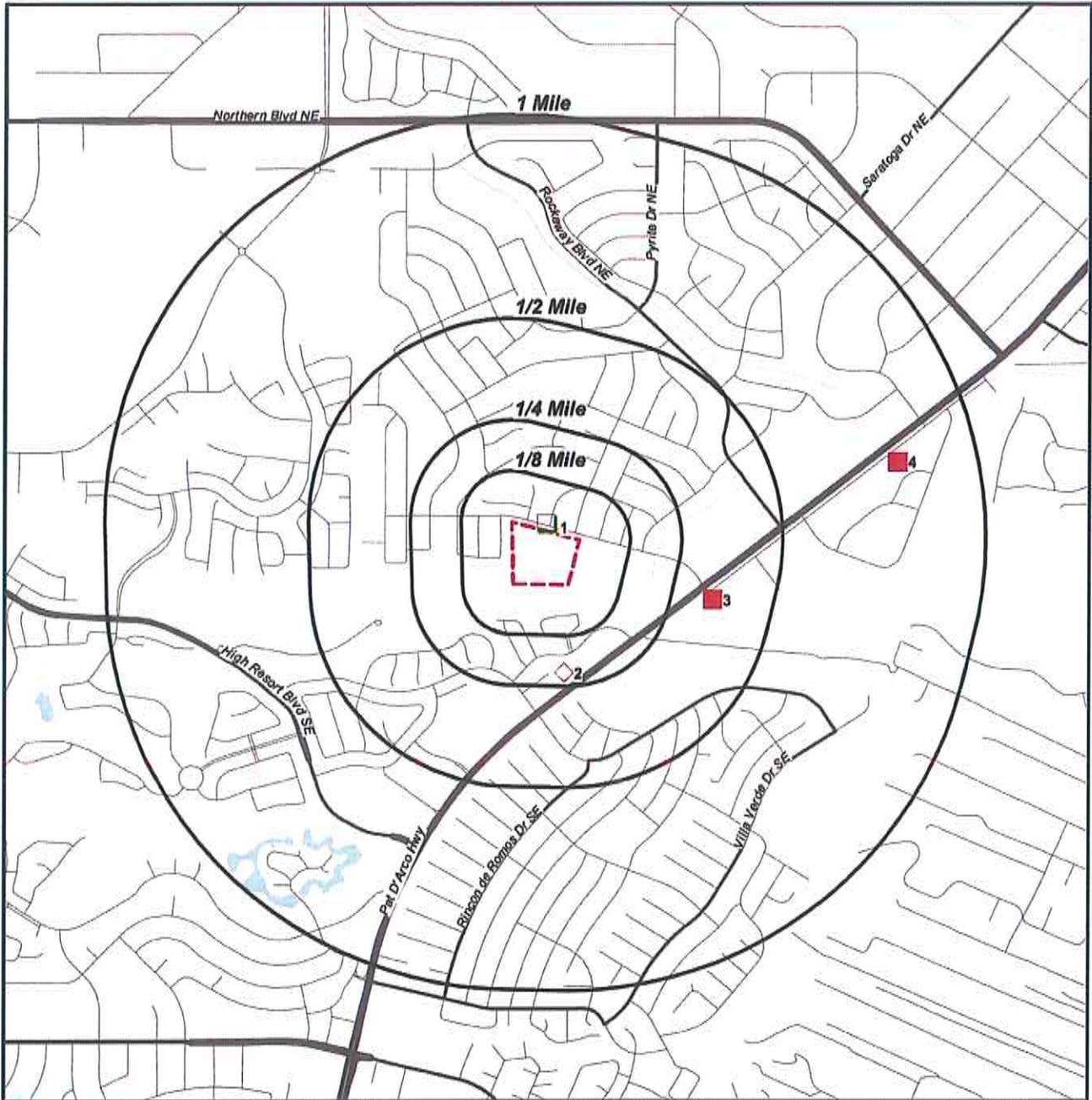
UNIT DESCRIPTION:

Alluvium; upper and middle Quaternary

ADDITIONAL UNIT INFORMATION:

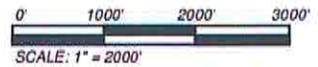
ROCKTYPE/S: **alluvium**

Radius Map 1



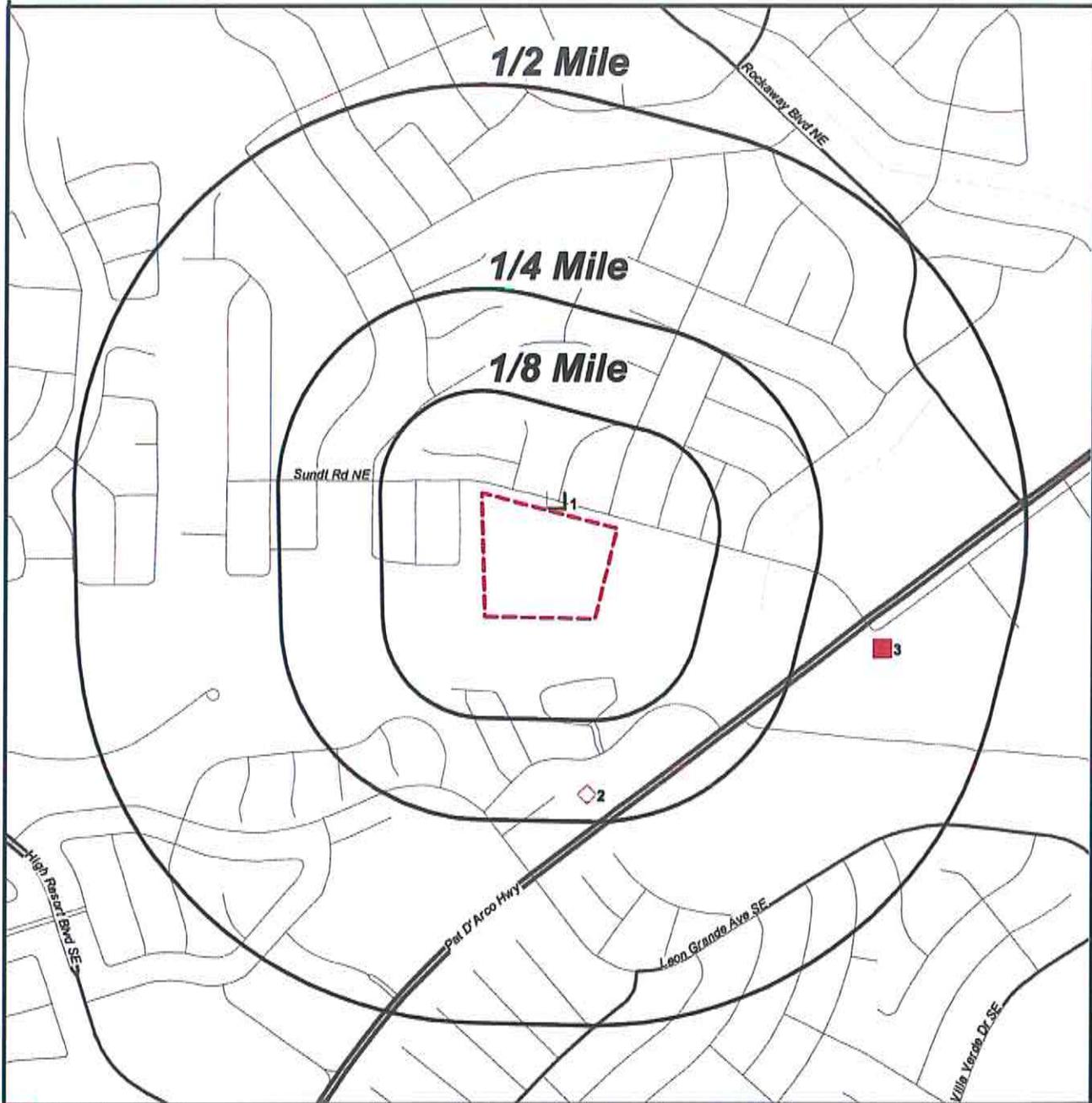
-  Target Property (TP)
-  FRSNM
-  UST
-  CEPCS

Vacant Land
4700 Sundt Rd NE
Rio Rancho, New
Mexico
87124



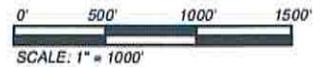
[Click here to access Satellite view](#)

Radius Map 2



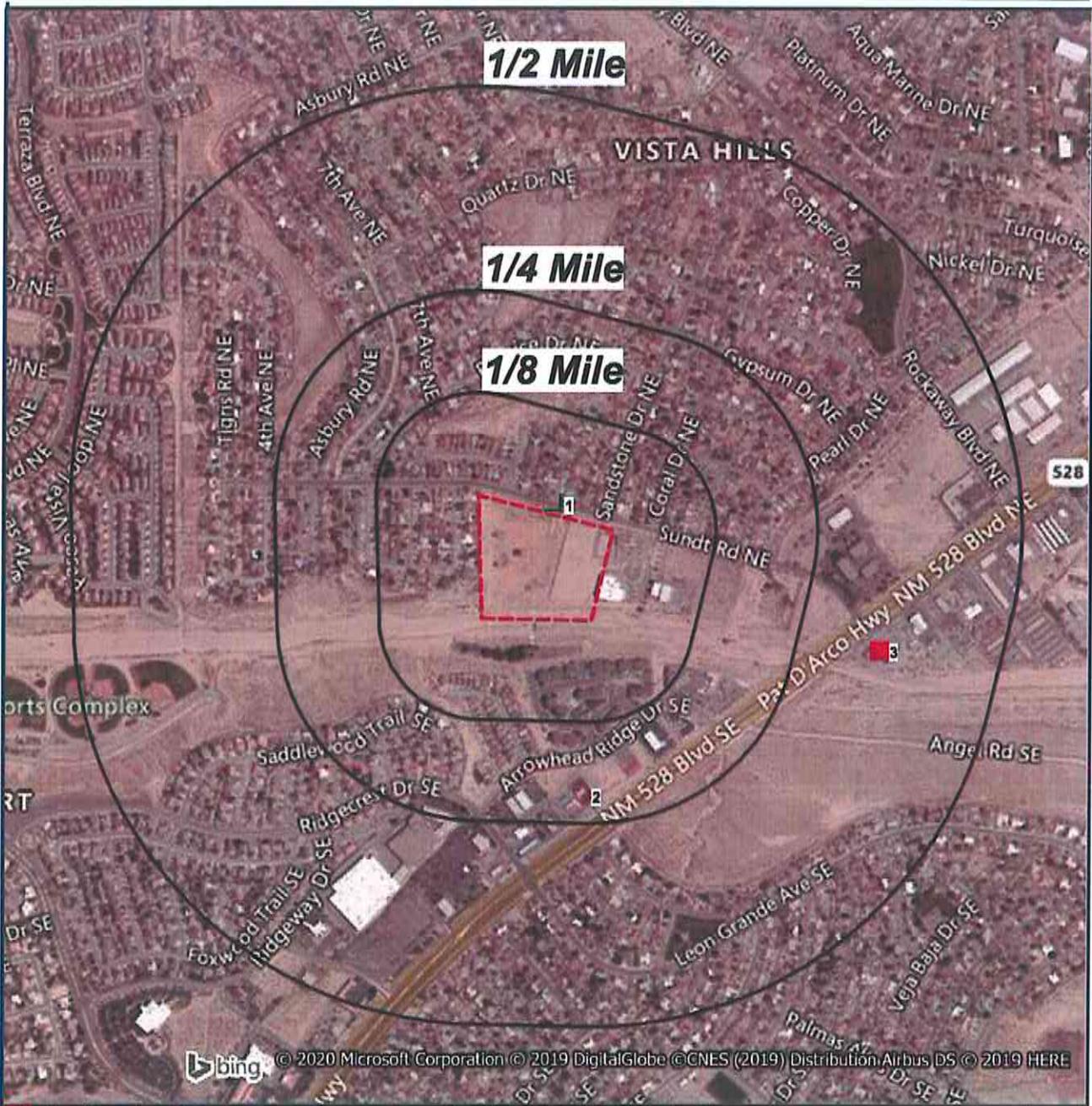
- Target Property (TP)
- FRSNM
- UST
- CEPCS

Vacant Land
4700 Sundt Rd NE
Rio Rancho, New
Mexico
87124



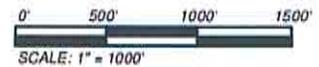
[Click here to access Satellite view](#)

Ortho Map



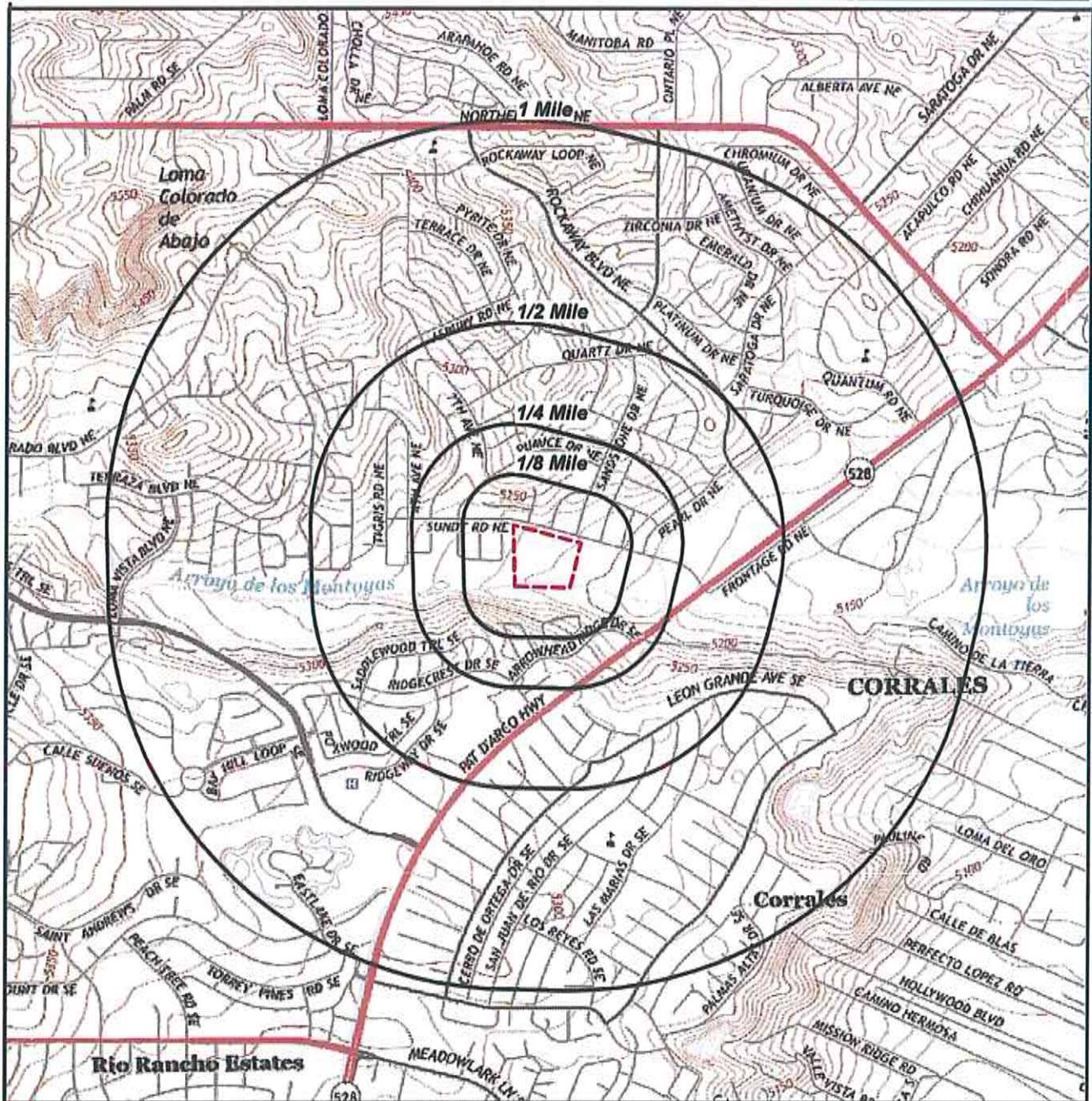
-  Target Property (TP)
-  FRSNM
-  UST
-  CEPCS

**Quadrangle(s): Loma
Machete
Vacant Land
4700 Sundt Rd NE
Rio Rancho, New
Mexico
87124**



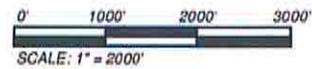
[Click here to access Satellite view](#)

Topographic Map



 Target Property (TP)

Quadrangle(s): Loma Machete
Source: USGS, 12/16/2013
Vacant Land
4700 Sundt Rd NE
Rio Rancho, New Mexico
87124



[Click here to access Satellite view](#)



On time. On target. In touch.™

Historical Aerial Photographs

NEW: GeoLens by Geosearch

Target Property:

Vacant Land

4700 Sundt Rd NE

Rio Rancho, Sandoval, New Mexico 87124

Prepared For:

Rhoades Environmental

Order #: 141466

Job #: 337060

Project #: 20129.128

Date: 2/10/2020

Target Property Summary

Vacant Land

4700 Sundt Rd NE

Rio Rancho, Sandoval, New Mexico 87124

USGS Quadrangle: **Loma Machete**

Target Property Geometry: **Area**

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

(-106.648915906, 35.257898641), (-106.648985643, 35.260088801), (-106.646045942, 35.259453661),

(-106.646518011, 35.257854837)

Aerial Research Summary

<u>Date</u>	<u>Source</u>	<u>Scale</u>	<u>Frame</u>
2016	USDA	1" = 500'	N/A
2014	USDA	1" = 500'	N/A
2011	USDA	1" = 500'	N/A
2009	USDA	1" = 500'	N/A
10/06/1996	USGS	1" = 500'	N/A
06/14/1990	USGS	1" = 500'	2-130
07/12/1986	USGS	1" = 500'	379-10
06/17/1981	USGS	1" = 500'	415-44
06/21/1975	USGS	1" = 500'	2-131
09/20/1967	USGS	1" = 500'	1-63
02/02/1954	AMS	1" = 500'	6244
1935	ASCS	1" = 500'	153A

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Vacant Land
USDA
2016

GeoSearch



**Vacant Land
USDA
2014**

GeoSearch



Vacant Land
USDA
2011

GeoSearch



Vacant Land
USDA
2009

GeoSearch



Vacant Land
USGS
10/06/1996

GeoSearch



Vacant Land
USGS
06/14/1990

GeoSearch



Vacant Land
USGS
07/12/1986

GeoSearch



0 500
feet



Vacant Land
USGS
06/17/1981

GeoSearch



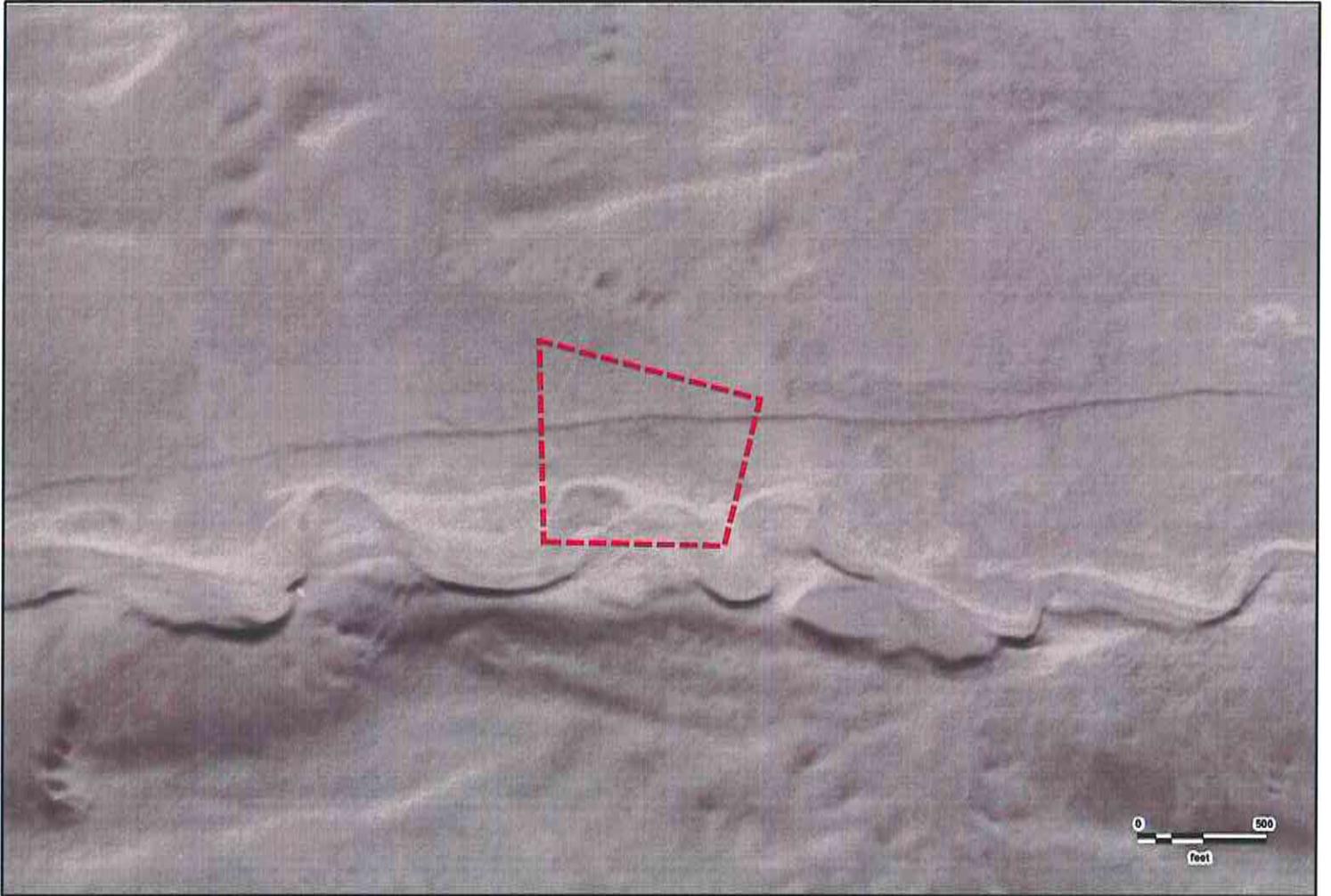
Vacant Land
USGS
06/21/1975

GeoSearch



Vacant Land
USGS
09/20/1967

GeoSearch



Vacant Land
AMS
02/02/1954

GeoSearch



Vacant Land
ASCS
1935

GeoSearch