

**PHASE I
ENVIRONMENTAL SITE ASSESSMENT**


**NON-FEDERAL PARCEL
APACHE LEAP SOUTH END
GILA COUNTY, ARIZONA**

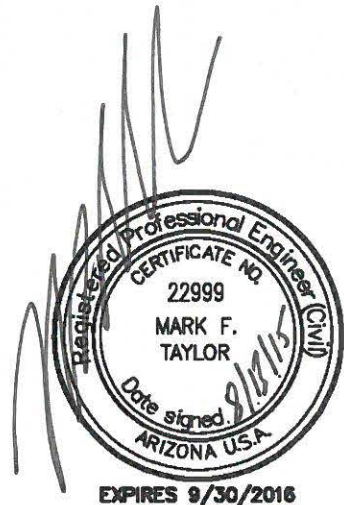
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EXECUTIVE SUMMARY

WestLand Resources, Inc. (WestLand) was contracted by Resolution Copper Mining, LLC (the “User”) to perform a Phase I Environmental Site Assessment (ESA) for approximately 110 acres referred to as Apache Leap South End (“the Property”). The Property is comprised of three discrete land areas located within Sections 1, 2, and 12 of Township 2 South, Range 12 East, in Pinal County, Arizona (**Figure 1**). The Pinal County Assessor Parcel Numbers (APNs) for the Property are 105-15-003 and 105-15-004. An aerial photo showing the boundary of the Property is included as **Figure 2**. Photographs depicting the site and vicinity are provided in **Appendix A**. **Figure 3** is a map showing the location of certain GPS referenced ground photographs shown in **Appendix A**.

This Phase I ESA has been completed in accordance with the U.S. Environmental Protection Agency’s Standards and Practices for All Appropriate Inquiries (40 CFR Part 312); scope limitations of the American Society for Testing Materials (ASTM) E 1527-13 *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. The purpose of this work was to identify the presence or potential presence of recognized environmental conditions (RECs) resulting from past or present activities. According to ASTM guidelines, a REC is defined as “...the presence or likely presence of any hazardous substances 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.”

FINDINGS

The Property occurs within a well-known copper district, southeast of the Town of Superior, south of Highway 60, and east of Highway 77, within a private landholding surrounded by Tonto National Forest lands. State Trust Lands are located approximately 1 mile east of the Property. WestLand reviewed a variety of documentary sources related to mining to collect specific information on historical mine workings in the immediate vicinity of the Property. While the major underground and surface workings in the district were concentrated around the old Magma and Silver King mines to the east and northeast of Superior, other smaller mining operations were located historically to the southeast of the town along the southern extent of Apache Leap. The major underground mines in this area were principally known as the Grand Pacific and Belmont mines.

In order to gather baseline information on the presence/absence of underground and surface mining features in the Apache Leap South End parcels, WestLand performed a review of the official *Mineral Survey* (MS) plats for these claims as well as underground maps found in *Arizona Bureau of Mines Bulletin 151*. The Apache Leap South End parcels are located just to the east and north of the main entrances to the old Belmont and Grand Pacific mines on lands patented under Federal mining law. Portions of the claims comprising the Property that appear to date to the early 1900s have been explored historically for the presence of economic minerals using surface (e.g. open cuts) and underground methods (e.g. shafts, tunnels, etc.); in a few cases, exploration appears to have led to actual development

and exploitation. Our research indicates that surface and underground mining features are located within all three sub-parcels. This includes small open cuts, shafts, tunnels, raises, crosscuts, and more extensive underground workings extending from the Grand Pacific and Belmont mines. There is some potential for such historic mine features to produce acid mine drainage or impact groundwater if water accumulates in mineralized rock or waste rock. However, there was no discoloration or distressed vegetation noted around existing surface mining features, and accumulation of water in underground mining features is speculative. While historic mining features provide some potential for impacts to surface or groundwater by contact with mineralized rock, acid mine drainage is not known to be present at the parcel and is not considered likely.

WestLand contracted with Environmental Record Search (ERS) to conduct an electronic search of regulatory agency databases for references to the Property and surrounding lands. The database search was conducted on April 10, 2015, and included standard and additional federal, tribal, state, local, and supplemental database records, as well as ERS proprietary database records. The regulatory agency databases were queried by conducting a search from the boundaries of the Property to the minimum search distance recommended by the ASTM standard. A government record for one mine appears to be located at the Property (Daggs Group) and at least two additional mines appear to be located on adjoining Property to the west (Grand Pacific Mine and Belmont Mine). Several occurrence records were identified on multiple databases for land located within the ASTM-recommended minimum search distances from the Property boundaries. Some records are named in multiple databases and many of these records occur at the same location. WestLand combined records that were reported with the same address in a detailed records evaluation. The Daggs Group mine is likely part of the Belmont Mine and all of the mine records appear to have multiple alias. WestLand considers it unlikely that any one of these records indicate a REC for the Property based on the nature and status of the listing and its distance or geographical situation relative to the Property (see relevant mine research above).

WestLand reviewed the Arizona Department of Water Resources (ADWR) Well Registry spatial database for wells within the boundaries of the Property. There are no registered wells at the Property. ADWR identifies 23 registered wells within 1 mile from the Property boundaries. Records for these 23 wells indicate these wells were drilled for mineral exploration, soil vapor extraction, monitoring/piezometer/environmental or are exempt wells (wells with a maximum pump capacity of not more than thirty-five gallons per minute and that is used only for non-irrigation purposes). WestLand reviewed imaged records for the three wells registered as soil vapor extraction wells to determine their location relative to the Property. The imaged records indicate these wells were abandoned because a “remediation project was completed”. These wells are located west and downgradient of the Property (in terms of surface and assumed groundwater flow) along the east boundary of the Town of Superior (ADWR 2013, 2015). While the presence of these three wells suggests a past environmental condition near Superior, considering the status of these wells (closed as remediation was completed) and their location in relation to the Property (not upgradient), these wells do not indicate an environmental concern for the Property. Given the lack of government records identified in the ERS database search, the monitoring wells and mineral exploration wells are not likely associated with known groundwater remediation concerns.

WestLand obtained the property tax maps and parcel detail reports for the Property. This information indicates there are named claims registered at the Property; however, the Property is considered vacant land with no assessed buildings or other improvements.

On April 14, 2015 WestLand engaged ERS, to conduct a search of available land title records for environmental liens and AULs on the Property. A search for environmental liens and activity and use limitations (AULs) was completed for each parcel (Pinal County APNs 105-15-003 and 105-15-004); no records of environmental liens or AULs associated with the Property were identified. The current deed for the Property was executed August 12, 2004, and recorded the same month, conveying ownership from BHP Copper Inc. (formerly Magma Copper Company) to Resolution Copper Mining LLC.

On March 24 and March 25, 2015, WestLand environmental specialists performed a field reconnaissance to assess existing environmental conditions for the Property. Field observations were consistent with the findings of WestLand's historical review of the Property and surrounding properties. The Property is generally characterized as undeveloped open space but has evidence of historical mining use in the form of numerous prospects and adits (horizontal shafts) with associated small waste rock piles. There is no evidence of historical human occupation or intense recreational use of the site. There has been no recent use of the Property by the current owner, but it is expected that recreational activities (e.g., rock climbing and hunting) on adjacent public lands have continued onto the private Property. Numerous mine prospects (exploration pits, adits, and associated waste rock piles) mapped and unmapped, are located on and near the Apache Leap South End parcels and were observed within the Property. Additional mine features beyond those observed during the site reconnaissance may be present at the Property.

WestLand conducted a written interview with Mr. Sterling Hundley who completed the User questionnaire and a project-specific owner questionnaire. Mr. Hundley indicated that core drilling may have occurred at the Property in past years. He also reported that mining activities have possibly occurred on nearby land. Based on the User's knowledge of, and experience related to the Property, no obvious indicators point to the presence or likely presence of contamination on the Property of which the User is aware. No other information relevant to potential RECs was provided by the User.

WestLand queried the Queen Valley Fire District to inquire whether or not they have responded to the Property or adjoining properties with regard to fuel/chemical spills or if they were aware of any chemical or petroleum product storage at the Property. On May 13, 2015, Rusty Dunmire (Queen Valley Fire District, queenvalleyfd@yahoo.com) reported he had inquired to Fire Chief Cecil Fendley (who has been the chief of Queen Valley Fire District since 1987) and responded they have no knowledge of any such spills or storage at the Property or on land in the immediate vicinity.

RECOGNIZED ENVIRONMENTAL CONDITIONS

WestLand has performed this Phase I ESA in conformance with the scope and limitation of ASTM E 1527-13 for the Property. This assessment has revealed no evidence of RECs in connection with the Property.

1. INTRODUCTION

WestLand Resources, Inc. (WestLand) was contracted by Resolution Copper Mining, LLC (RCML; the “User”) to perform a Phase I Environmental Site Assessment (ESA) for approximately 110 acres referred to as Apache Leap South End (“the Property”). The Property is comprised of three discrete land areas located within Sections 1, 2, and 12 of Township 2 South Range 12 East, in Pinal County, Arizona (**Figure 1**). The Pinal County Assessor Parcel Numbers (APNs) for the Property are 105-15-003 and 105-15-004; these parcels comprise a larger area than the Property.

A portion of, or the entirety of the claims listed in **Table 1** appear to comprise the Property. A land survey will be conducted at a later date to verify the claims making-up the Apache Leap South End parcels.

Table 1. Mining Claims that Constitute Apache Leap South End Parcels

Claim Name	Owner	Status
BELMONT	RCM	Patented
TOUCH NOT	RCM	Patented
PACIFIC NO. 19	RCM	Patented
RAWHIDE	RCM	Patented
TOUCH NOT NO. 3	RCM	Patented
PACIFIC NO. 32	RCM	Patented
GRAND	RCM	Patented
PACIFIC NO. 13	RCM	Patented
MONTE CARLO	RCM	Patented
PANIC	RCM	Patented
SELMA	RCM	Patented
SKIBEREAN	RCM	Patented
HILLSIDE	RCM	Patented

Source: RCML August 2013

1.1. PURPOSE

The purpose of this investigation was to conduct an assessment of the Property and surrounding areas to identify the presence or potential presence of recognized environmental conditions (RECs) potentially resulting in environmental impacts to the Property. According to the American Society for Testing Materials (ASTM) E 1527-13 guidelines, a REC is defined as: *...the presence or likely presence of any hazardous substances 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.* This term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate government agencies. Conditions determined to be *de minimis* are not RECs.

The results of an investigation may be utilized as part of the due diligence investigation for prospective property owners promulgated pursuant to the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA, a.k.a. Superfund), the Superfund Amendments and Reauthorization Act of 1986 (SARA), and the Small Business Liability Relief and Brownfield's Revitalization Act of 2002 (the Brownfield Amendments). This ESA is intended to assist the User in satisfying the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations of CERCLA. In order to qualify for one of the Landowner Liability Protections, the report User must provide certain information to the environmental professional conducting the ESA. This information can be provided by completing the User Questionnaire. Failure to provide this information could result in a determination that the All Appropriate Inquiry is not complete. Additionally, the Property owner has continuing obligations, if applicable, to receive liability protections in addition to the All Appropriate Inquiry. The continuing obligations include: 1) compliance with land use restrictions; 2) not impeding the effectiveness or integrity of institutional controls; 3) taking reasonable steps to prevent releases; 4) providing assistance and access to the U.S. Environmental Protection Agency (EPA), state, or other parties conducting response or restoration actions; 5) complying with CERCLA information requests and subpoenas; and 6) providing legally required notices.

1.2. SCOPE OF SERVICES

This ESA has been completed in accordance with the guidelines provided in the ASTM *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (ASTM E 1527-13). This standard satisfies the requirements of the EPA *All Appropriate Inquiry* provisions, which became effective November 1, 2006 (40 CFR Part 312). This protocol requires the review of readily available environmental records, historical and current land use, interviews with persons knowledgeable about the Property, and a field reconnaissance to observe on-site conditions and adjoining properties.

The User of this report has responsibilities for addressing some of the mandatory provisions of the standard. ASTM E 1527-13 Section 6 (User Responsibilities) describes tasks that will help identify the possibility of RECs in connection with the Property that do not require the expertise of an environmental professional, including checking title records for environmental liens and activity and use limitations (AULs). WestLand commissioned a title search for environmental liens and AULs on the User's behalf.

This ESA does not assess ASTM non-scope considerations, including asbestos-containing building materials, radon, lead-based paint, lead in drinking water, wetlands, regulatory compliance, cultural and historic resources, industrial hygiene, health and safety, ecological resources, endangered species, indoor air quality (including vapor intrusion), biological agents, mold, or other nuisances.

1.3. LIMITATIONS AND EXCEPTIONS

This Phase I ESA evaluates potential sources of hazardous substances or petroleum products that could be considered a REC and a liability due to their presence in significant concentrations, or the potential for contamination migration through exposure pathways. Unless otherwise noted, this assessment did not

include any testing or sampling of materials. Hazardous substances occurring naturally are not typically considered. This report is intended to provide further recommendations regarding potential RECs related to the Property; conclusive identification of hazardous substances and petroleum products can be accomplished only through sampling and laboratory analysis.

A Phase I ESA cannot, within its scope of assessment, wholly eliminate uncertainty regarding the potential presence of RECs. WestLand believes that the information in this report is reliable; however, WestLand cannot guarantee that the information provided by all the sources contained in this report is complete and accurate. This report is intended to decrease, but not eliminate, uncertainty regarding the potential for RECs in connection with a property given reasonable limits of cost and time, and in a manner consistent with the customary practices of the environmental consulting industry, under similar circumstances at the time services were performed and in similar localities. It should be noted that the conditions at the Property could change as a result of natural processes or be altered by human activities at the Property and/or nearby sites.

1.4. SPECIAL TERMS AND CONDITIONS

No special terms or conditions are associated with this report.

1.5. USER RELIANCE

This Phase I ESA has been prepared for use by Resolution Copper Mining LLC. This ESA may not be relied upon by any other person or entity without the written consent of WestLand.

1.6. CONTINUED VIABILITY

Due to the nature of Phase I ESA inquiries, their useful life is limited. ASTM E 1527-13 guidelines require that certain components of a Phase I ESA be completed less than 180 days prior to the date of acquisition or (if no acquisition is involved) the intended transaction. The following components of the Phase I ESA are presumed valid only within 180 days prior to the date of acquisition or other intended transaction:

- Interviews
- Searches for environmental liens
- Government records review
- Site reconnaissance
- Declaration by the environmental professional

Other components of the Phase I ESA are valid for one year. The above-listed components can be separately updated in order to eliminate redundant environmental due diligence efforts within one year. After one year has passed, all Phase I ESA components should be redone. The prior ESA report may be used as a reference during completion of the new investigation and analysis.

2. SITE DESCRIPTION

This section describes the location, general characteristics, and current uses of the Property. The current uses of adjoining properties are also described. Photographs depicting the Property and vicinity are provided in *Appendix A*. A recent aerial photograph depicting the Property and near vicinity is provided as *Figure 2*. The approximate locations of the ground photographs with GPS locations shown in *Appendix A* are provided on *Figure 3*.

2.1. LOCATION AND LEGAL DESCRIPTION

The Property occurs within a well-known copper district, southeast of the Town of Superior, south of Highway 60, and east of Highway 77 within a private landholding surrounded by Tonto National Forest lands. State Trust Lands are located approximately 1 mile east of the Property. The Property is located in portions of Sections 1, 2, and 12 of Township 2 South Range 12 East, in Pinal County, Arizona (*Figure 1*). The Property abuts the Apache Leap Withdraw Area and is part of the Apache Leap Special Management Area. The Pinal County APNs for the Property are 105-15-003 and 105-15-004.

2.2. SITE AND VICINITY GENERAL CHARACTERISTICS

The Property is situated along the southern end of the Apache Leap, a prominent geologic feature that visually dominates the skyline east of the town of Superior, Arizona. The Property encompasses portions of the Apache Leap cliff face as well as rugged terrain of several ridges and drainages emanating from the cliff. The Apache Leap South End parcels are accessible from Arizona State Route 177, Apache Leap Road, and unimproved roads or trails.

2.3. CURRENT USE OF THE PROPERTY

The Property is generally characterized as undeveloped open space but has evidence of historical mining use in the form of numerous prospects and adits (horizontal shafts) with associated small waste rock piles. There is no evidence of historical human occupation or intense recreational use of the site.

2.4. DESCRIPTION OF STRUCTURES, ROADS, AND OTHER IMPROVEMENTS ON THE SITE

Developed features at the Property are limited. Overgrown dirt roads, remnants of historic mining activities and placement of claims/boundary markers are the only apparent improvements at the Property.

2.5. CURRENT USES OF ADJOINING PROPERTIES

Land use in all directions is characterized by open space. Some surrounding areas may be for cattle grazing. Mining claims occur on Tonto National Forest land surrounding the Property.

3. USER-PROVIDED INFORMATION

The report User is Resolution Copper Mining LLC who provided relevant information about the Property. The report User is also the land owner. The User and land owner representative contact is Mr. Sterling Hundley. A copy of the User Questionnaire is provided as *Appendix B*.

3.1. TITLE RECORDS

WestLand was provided the special warranty deed for the Property that accompanied the search of available land title records for environmental liens and AULs on the Property (Pinal County APNs 105-15-003 and 105-15-004). The Special Warranty Deed was executed August 12, 2004, and recorded the same month, conveying ownership from BHP Copper Inc. (formerly Magma Copper Company) to Resolution Copper Mining LLC. Copies of the deeds are included with *Appendix C*.

3.2. ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATIONS

The User is not aware of any environmental liens or AULs for the Property.

WestLand engaged Environmental Record Search (ERS), to conduct a search of available land title records for environmental liens and AULs on the Property on behalf of the User. A search for environmental liens and AULs was completed for each parcel on April 14, 2015; no records of environmental liens or AULs associated with the Property were identified (*Appendix C*). Copies for the deeds associated with the Property are included in the environmental lien and AULs report.

3.3. SPECIALIZED KNOWLEDGE

The User provided no information regarding specialized knowledge regarding the Property except that Resolution Copper Mining LLC has adjoining land ownership to the subject Property.

3.4. COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION

The User reported that mining activities have possibly occurred on nearby land. No other commonly known or reasonably ascertainable information relevant to potential RECs was provided by the User.

3.5. VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

The User reported that there has been no valuation reduction for the Property related to environmental issues. The assessed price for the Property is expected to reflect fair market value.

3.6. REASON FOR PERFORMING PHASE I

The Phase I is being performed to support a land exchange property transaction.

3.7. OTHER

The User reported that core drilling may have occurred in past years. Based on the User's knowledge of, and experience related to the Property, no obvious indicators point to the presence or likely presence of contamination on the Property of which the User is aware. No other information relevant to potential RECs was provided by the User.

4. RECORDS REVIEW

WestLand reviewed a variety of regulatory records to determine if any past uses of the Property or uses within adjoining areas may have led to RECs on the Property.

4.1. ENVIRONMENTAL RECORD SOURCES

WestLand contracted with ERS to conduct an electronic search of regulatory agency databases for references to the Property and surrounding lands. The database search (Rec Check Area Report Results) was conducted on April 10, 2015, and included standard and additional federal, tribal, state, local, and supplemental database records, as well as ERS proprietary database records. The regulatory agency databases were queried by conducting a search from the boundaries of the Property to the minimum search distance recommended by the ASTM standard. Considering the Property is comprised of three discrete areas of land, three reports were provided to report the results. A copy of the ERS environmental reports that describes the databases searched, search distances, record details for the search results, and the dates the databases were last updated are provided in **Appendix D**.

A government record indicates one mine located at the Property, and two additional mines located on adjoining property to the west. Several occurrence records were identified on multiple databases for land located within the ASTM-recommended minimum search distances from the Property boundaries. Some records are named in multiple databases and many of these records occur at the same location. WestLand combined records that were reported with the same address in a detailed records evaluation (**Table 2**). WestLand considers it unlikely that any of these records indicate a REC for the Property based on the nature and status of the listing and its distance or geographical situation relative to the Property. Additional historic review of mining activity in the vicinity of the Property is provided in **Section 4.4.6, Other Historical Sources**.

Table 2. Detailed Environmental Records Evaluation

Site	Databases Listed	Analysis
Daggs Group	Mines-AZ MRDS-US	Identified at the west boundary of the central parcel at the Property. The record identifies an underground mine—past producer with commodities of lead, iron, molybdenum, and vanadium. The Daggs Group record is also associated with the Belmont Mine.
Grand Pacific Mine AKA: Pacific Mine/ Grand Pacific/ Pacific Group/ Sandal Group/ Climax/ Grand Pacific Copper Co. of Arizona	Mines-AZ MRDS-US	This site is located on adjoining property to the west of the southern parcel. The record identifies an underground mine - past producer with commodities of copper, silver, gold, manganese, and iron. The ore at this mine was discovered in 1900, and the site was identified as a producer in 1916. The last year of production is reported in 1955.
Belmont Mine AKA: Belmont Copper Property/ Claim M S 3093; 2838; 3094; 3095/ Lone Star/ Doggs/Goodwin/ Smith Lease/ Monte Carlo Claim/ Consolidated Holding and Trust Co.	MRDS-US	This site is located on adjoining property to the west of the central parcel. The record identifies an underground mine—past producer with commodities of silver, copper, gold, lead, zinc, manganese, manganese and vanadium. The ore at this mine was discovered in 1899, and the site was identified as a producer in 1926. The last year of production is reported in 1945.

4.2. PRIOR ENVIRONMENTAL REPORTS

Prior Phase I ESAs are not available for the Property.

4.3. PHYSICAL SETTING

The Property's physical setting was reviewed by WestLand to gain a comprehensive understanding of the Property's geophysical characteristics. These geophysical characteristics, including surface topography, soils, geology, hydrology, and hydrogeology may relate to the potential migration of hazardous substances and petroleum products.

4.3.1. Topography

The Apache Leap South End parcel is located in the mountains immediately east and south of the town of Superior in a transitional zone on the northeastern edge of the Basin and Range physiographic province that borders the Central Highlands. Elevations range from 3,680 ft (1,122 m) amsl to 4,720 ft (1,439 m) amsl at a high point on the Apache Leap escarpment that overlooks Superior. The western edge of this area is generally very steep, with the cliffs of the Apache Leap escarpment rising abruptly above Superior. East of the Apache Leap escarpment, an area of parallel ridges and valleys trends to the northeast.

4.3.2. Soils

The Arizona Land Resource Information System (ALRIS) General Soils Map indicates that the Apache Leap South End parcel is located within the Lithic Torriorthents-Lithic Argiustolls-Rock Outcrop

Association. The soils of this association are shallow and rock outcrop, well-drained and occur on semiarid, mid-elevation hills and mountains. These soils formed in residuum, weathered from many rock types including granite, gneiss, rhyolite, andesite, tuffs, limestone, sandstone and basalt (Hendricks 1985). Lithic Torriorthents make up about 30 percent of the association, Lithic Haplustolls 25 percent, rock outcrop about 25 percent and Haplargids, other minor soils and Torrifluents along drainageways, about 20 percent.

4.3.3. Geology

The present-day topography of the area is dominated by the Apache Leap escarpment, a west-facing escarpment that shows 1,970 ft (600 m) of vertical displacement. East of the escarpment is an upland, capped by welded tuff (Apache Leap tuff). West of the escarpment, rough terrain at lower elevations was formed by erosion acting on faulted basement blocks. The town of Superior is located in a down-dropped, fault-formed basin.

The geomorphology of the area can be attributed to north- to northwest-trending, down-to-the-west, Basin and Range-style normal faults with Tertiary to Quaternary movement (Hehnke et al. 2012). These faults include the Concentrator, Main, and Conley Springs. Relative downward movement of a structural block west of the Concentrator fault has formed the Superior basin, and exposed the thick sequence of sedimentary rocks and tuff along Apache Leap. South of the Conley Spring fault, between the Concentrator fault and the upland capped with Apache Leap tuff, the layered rocks are tilted eastward and cut by a complex of major faults that are subsidiary to the Concentrator fault. West of the Concentrator fault, the down-dropped Superior basin is filled with horizontal to eastward-dipping volcanic flows, tuffaceous sediments, and alluvium (Hammer and Webster 1962). Regional extension, normal faulting, and tilting ended after Tertiary volcanism and during the deposition of conglomerate and sandstone (Spencer and Richard 1995).

Apache Leap Tuff (Tal), the youngest consolidated formation in the area, forms the Apache Leap escarpment. Underlying Paleozoic sedimentary rocks (Pz) and younger Precambrian sedimentary rocks (pCy) are exposed at the foot of the escarpment. Tertiary Whitetail Conglomerate (Tw) is present, with limited exposure at the toe of the slope on the western side of Apache Leap. A Quaternary alluvial deposit (Qal) overlies the Apache Leap Tuff in a small area in the southwestern portion of the parcel. Apache Leap Tuff is a crystal-rich quartz latite ashflow tuff that overlies the Whitetail Conglomerate and forms the Apache Leap escarpment. The Whitetail Conglomerate (Tw) forms a northeast-thickening succession of predominantly poorly sorted conglomerates (Hehnke et al. 2012).

4.3.4. Hydrology

Based on review of recent aerial photography and topographic mapping, and a site visit conducted on March 24, 2015, there appears to be no surface water features in the Apache Leap South End parcel, with the exception of minor ephemeral headwater drainage features which convey drainage generally to the west. The upper canyons within the foothills area are headwaters for several drainages, including Pacific

Canyon, Belmont Canyon, and Donkey Canyon, that report to Queen Creek. The National Wetlands Inventory (NWI) map identifies no wetlands within these parcels (USFWS 2015).

The area has been mapped by the Federal Emergency Management Agency (FEMA) on Flood Insurance Rate Map (FIRM) panel nos. 04021C0290E, effective 12/4/2007. The Property is mapped as Zone X, denoting areas of minimal flood hazards.

4.3.5. Hydrogeology

The Apache Leap South End parcels span two different groundwater basins; the East Salt River Valley sub-basin located within the larger Phoenix AMA groundwater basin, and the Mammoth sub-basin within the larger Lower San Pedro groundwater basin. The vast majority of the Property lies within the East Salt River Valley sub-basin, topographically identified by the top of the Apache Leap escarpment (ADWR 2014a). The small portion of the Property on the east side of the escarpment lies within the Mammoth sub-basin (ADWR 2014b).

As described in the General Plan of Operations (GPO; Resolution Copper 2014), groundwater in the vicinity occurs in three separate local systems: a shallow groundwater system, the Apache Leap Tuff aquifer, and a deep groundwater system. Extensive characterization of the geology and hydrogeology in the vicinity (Montgomery & Associates 2010) indicates that the Concentrator fault, located to the west, acts as a barrier to groundwater movement between the shallow and intermediate-depth groundwater systems. Less information is available on the deep groundwater systems, but based on a lack of water level response to mine dewatering activities and large differences in hydraulic head across the fault, the hydraulic connection of the deep groundwater systems across the Concentrator fault is limited to where legacy mine workings locally cross the fault.

The Arizona Department of Water Resources (ADWR) Well Registry spatial database was queried to review any data for wells within the boundaries of the Property. There are no registered wells at the Property (ADWR 2013). The searched area was expanded to 1 mile from the Property and 23 registered wells were identified. Records for these 23 wells indicate uses including mineral exploration, soil vapor extraction, monitoring/piezometer/environmental or that they are exempt wells (wells with a maximum pump capacity of not more than thirty-five gallons per minute and that is used only for non-irrigation purposes). Reported depth to groundwater levels for these wells is only available for seven of the 23 well sites and ranges between 320 and 797 ft (below ground surface) (ADWR 2013), excluding an outlier with reported depth to groundwater being 4,667, which may be an error. Groundwater flow direction at the Property likely follows surface gradient.

WestLand reviewed imaged records for the three wells registered as soil vapor extraction wells to determine their location relative to the Property. The imaged records indicate these wells were abandoned because a “remediation project was completed”. These wells are located west and downgradient of the Property (in terms of surface and assumed groundwater flow) along the east boundary of the Town of Superior (ADWR 2013, 2015). While the presence of these wells suggests a past environmental condition near Superior, considering the status of these wells (closed as remediation was completed) and their location in relation to the Property (not upgradient), these wells do not indicate an environmental concern

for the Property. Given the lack of government records identified in the ERS database search, the monitoring wells and mineral exploration wells are not likely associated with known groundwater remediation concerns.

4.4. HISTORICAL USE INFORMATION ON THE PROPERTY AND ADJOINING PROPERTIES

The purpose of reviewing historical sources is to develop a history of the previous uses of a property and surrounding area in order to help identify past uses that may have led to RECs in connection with the Property. According to the ASTM standard, obvious uses of a property shall be identified from the present back to the property's first developed use, or back to 1940, whichever is earlier. This requires reviewing only as many standard historical sources as are reasonably ascertainable and likely to be useful.

4.4.1. Historical Topographic Maps

WestLand reviewed USGS topographic maps of the Property and its vicinity dated 1948, 1991 and 2014 (*Appendix E*). USGS topographic map coverage for the Property is provided on the Superior 7.5-minute quadrangles at a 1:24,000 scale. Topographic maps depict both natural and developed features, including wells, structures, and other indications of historical use. The summary below presents WestLand's review of the identified mapped features on or near the Property in chronological sequence.

The 1948 quadrangle depicts much of the Property as undeveloped desert land following the Apache Leap land form. There are no developed features depicted on the Property with the exception of a mine shaft and prospect on the northern parcel. Developed features surrounding the Property are generally limited to mine workings (shafts, prospects, mine tunnel/cave entrance) and road access to the mines. The Belmont and Grand Pacific mines are shown west of the Property with numerous mine shafts and prospects dotting land west of the Property. An unimproved road provides access to the mine from a secondary highway. A power line is also depicted as running to the Belmont Mine.

The 1991 quadrangle depicts the Property in the same conditions as the 1948 map with the exception of a mine tunnel/cave entrance at the same location as the mine shaft and prospect at the north parcel. On land west of the Property, the former secondary highway is now depicted as a light duty road. New roadways are shown northwest and northeast of the Property. An impoundment of water, presumably a cattle tank is also depicted east of the southern parcel.

The 2014 quadrangle provides less detailed features than the prior maps. Canyons and topography including Apache Leap cliff are the predominate features on this map. Apache Leap Road is depicted west of the southern parcel of the Property and several drainages are shown, flowing toward the west, away from Apache Leap. Developed features on this map are generally limited to roadways.

4.4.2. Historical Aerial Photographs

WestLand obtained four historical aerial photographs depicting the Property and vicinity dating from 1945, 1953, 1961, and 1978 (*Appendix F*). These were reviewed at scales between 1"=500' to 1"=1000'. WestLand reviewed the maps for evidence of anthropomorphic disturbance and to identify any historical

land uses that might have involved the use, treatment, storage, disposal, or generation of hazardous substances, or petroleum products.

Development at the Property is extremely limited. None of the aerial maps definitively display developed features at the property. A small cleared area is evident in the south parcel on the early maps. Dirt roadways can be seen in all maps on land surrounding the Property. The locations of these roads correspond to those depicted in the quadrangle maps.

4.4.3. Property Tax Files

WestLand obtained the property tax maps for the Property and adjoining areas from the Pinal County Assessor. The Property map and assessor parcel details are included in *Appendix G*. This map indicates the name of mining claims located at the Property and provides parcel numbers (APNs 105-15-003 and 105-15-004). The appended parcel details (*Appendix H*) provide the name of claims registered at the Property and surrounding area and indicate that the Property is vacant land with no assessed buildings or other improvements.

4.4.4. Local Street Directories

Based on the lack of development in the immediate vicinity of the Property, WestLand did not conduct a city directory search.

4.4.5. Sanborn Fire Insurance Maps

Sanborn Fire Insurance Maps typically cover development in the first half of the 20th century. Considering the lack of development at the Property, WestLand did not commission a search for these maps. It is likely no coverage for the Property is available.

4.4.6. Other Historical Sources

WestLand reviewed a variety of documentary sources related to mining to collect specific information on historical mine workings in the immediate vicinity of the Property. The Property is located in the Superior mining area or Pioneer mining district, a historical silver and copper mining area in and around the Town of Superior, Pinal County, Arizona (Keith et al. 1986: Map 18; Short et al. 1943). Early mining efforts during the nineteenth century targeted silver (i.e. the Silver King mine) with later operations such as the Magma mine working copper and other base metals. While the major underground and surface workings in the district were concentrated around the old Magma and Silver King mines to the east and northeast of Superior, other smaller mining operations were located historically to the southeast of the town along the southern extent of Apache Leap. The major underground mines in this area were the Grand Pacific and Belmont mines.

General Research on Mines in the Immediate Vicinity

WestLand reviewed data obtained from the US Geological Survey (2015) Mineral Resource Data System (MRDS) and Mindat (2015) to obtain general information on the mines in the immediate vicinity of the

Property. The MRDS records generally correspond to the government records reviewed for the Phase I ESA. One mine was located at the Property and two are within a 0.25 mile of the Property. Additional mine sites are located within 1 mile but all are located downgradient of the Property in terms of surface and likely groundwater flow. General information for the three nearest mines (Daggs Group, Belmont Mine, Grand Pacific Mine) is provided below. The Daggs Group Mine appears to be part of the Belmont Mine and overlapping information is provided for the source for these records. However, these mines are assigned individual identification numbers and addressed individually below. The following information includes summaries and excerpts taken directly from USGS MRDS (2015) and Mindat (2015) with only minor edits.

Daggs Group. The mine identified at the boundary of the Property is Daggs Group, a past producer of lead, iron, molybdenum, and vanadium. The site identification (ID) numbers for this record are: Deposit ID 10113245 and MAS/MILS identification number 0040210285. Land status data for this mine reports National Forest; however; ownership is listed chronologically as follows: Consolidated Holding And Trust Co. in 1919, Hugh Daggs in 1942, and Magma Copper Co. in 1980 (MRDS 2015).

Mindat (2015) provides a summary for the Daggs Group combined with other surrounding claims including the Belmont (*Daggs group of claims, Belmont Mine (Belmont Copper property; Goodwin Mine; Monte Carlo claim; Smith lease; Doggs Mine; Lone Star Mine)*). The combined Mindat record for the Daggs Group indicates a former underground lead-iron-vanadium-molybdenum-manganese group of claims/mine located in Section 12, Township 2 South, Range 12 East, on the westerly slope of Apache Leap, near Superior, on National Forest land. The claims extend into Sections 1, 11, 13, and 14, and into Township 2 South, Range 13 East Sections 7, 18, and 25. Workings are extensive with a 700-foot deep shaft and a tunnel that connects with the shaft about 150 feet below the collar Mindat (2015).

Belmont Mine. This mine is reported west (downgradient) of the Property as a past producer of copper, gold, lead, manganese, molybdenum, silver, and vanadium. The ID numbers for this record are: Deposit ID 10210657, MRDS ID M899889 and MAS/MILS ID 0040210158. Land status data for this mine is National Forest; however; ownership is listed chronologically as follows: Belmont Copper Mining Co (1961) and Magma Copper Co. (1980) (MRDS 2015).

Mindat (2015) identifies the Belmont Mine with the following aliases: *Belmont Copper property; Goodwin Mine; Monte Carlo claim; Smith lease; Doggs Mine; Lone Star Mine*. The original group of claims was known as the Daggs group. Mindat (2015) further notes this mine is a former underground copper-silver-lead-zinc-gold-manganese-vanadium mine located in Section 12, Township 2 South, Range 12 East, about 0.4 miles below Apache Leap, about 2 miles southeast of Superior, on private land. It was reportedly discovered in 1899 by A.J. Daggs and developed principally by the Calumet and Arizona Mining Co. during (1913–14); the North Butte Mining Co., (1923–24); the South Sndicate [Syndicate?], (1924); the Belmont Copper Mining Co., (1925–28); and the Consolidated Holding and Trust Co. (1925). The mine was owned by the Magma Copper Co. (1976), operated by Mr. Charles H. Smith, and reportedly produced until 1945. It is also known as: Unpatented claims MS 3093, 3094, and 3095; Patented and unpatented claims MS 2838; and the Lone Star MS 3096 patented claim. The property

included 120 unpatented and 12 patented claims in 1976. Workings include a 1,600 foot deep vertical shaft and approximately 30,000 feet of underground development, plus some 50,000 feet of diamond drilling. The main shaft (Belmont shaft) developed the Eureka and Sandal Fault zones. Drifts off the main shaft were under the Lone Star, Ajax, Apex, Mountain View, Copper Bell, Iron Cap, Monte Carlo, Belmont, Touchnot [Touch Not?], Rawhide, Pacific No. 1, and Pacific No. 13 claims. Additional workings on these claims and adjoining claims of the Belmont group included numerous tunnels and shafts. During 1934–1942 lessees mined, principally on outlying claims, for silver, gold, and copper. Production for the property for 1926–38 was approximately 312,000 pounds of copper, 268,000 ounces of silver, and 4,670 ounces of gold, valued in all at \$245,000 (period values). The amount of lead produced is not stated. During 1926–1927, 200 tons of ore were mined on the 1150 level. In 1931 a lessee mined 30 tons from the 140 level (Mindat 2015).

Grand Pacific Mine. This mine is reported west (downgradient) of the Property as a past producer of copper, silver, gold, iron and manganese. The ID numbers for this record may include Deposit ID 10048317 & 10283301, MRDS ID M899887 & M899887, and MAS/MILS ID 0040210485. There are two separate land status data and ownership records for this mine. One indicates this mine is on private land and the owner in the MRDS record is Juan Ortega (1955); the other indicates the mine on National Forest land and owners as Guzman and Schwartz (1955) and Fredric S. Smith (1961).

Mindat (2015) identifies the mine with the following aliases: *Grand Pacific Copper Company property; Grand Pacific claims; Pacific group; Pacific Mine; Climax; Sandal group*). The Mindat summary reports a group of 35 claims, and former underground mine, located in Section 12, Township 2 South, Range 12 East, which lie mostly south of the Consolidated Holding & Trust Co.'s group (Daggs group), about 0.4 miles below Apache Leap in Pacific Canyon, about 2.75 miles south of Superior, 10 miles east of the Echo Cliffs monocline, at an altitude of about 3,650 feet (lower tunnel). This mineral site was discovered in 1885 by John Sandal and ceased production 1967. Workings include four shafts with the deepest at 60 feet. Workings also include at least three interconnecting tunnels. The main workings are on the Sandal Fault (Mindat 2015).

Mine Workings Potentially Present at the Property

In order to gather baseline information on the presence/absence of underground and surface mining features in the Apache Leap South End parcels, WestLand performed a review of the official *Mineral Survey* (MS) plats for these claims as well as underground maps found in *Arizona Bureau of Mines Bulletin 151* (Short et al. 1943). The research determined that both surface and underground mining features are located within all three parcels. This includes small open cuts, shafts, tunnels, raises, crosscuts, and more extensive underground workings extending from the Grand Pacific and Belmont mines.

The Apache Leap South End parcels are located just to the east and north of the main entrances to the old Belmont and Grand Pacific mines on lands patented under Federal mining law. Specifically, the Property parcels appear to be located entirely or partially within the following patented lode claims: Panic, Selma, Skiberean, Hillside, Monte Carlo, Touch Not, Touch Not No. 3, Belmont, Rawhide, Pacific No. 32,

Grand, Pacific No. 19, Pacific No. 13. These claims, all of which date to the early 1900s, have been explored historically for the presence of economic minerals using surface (e.g. open cuts) and underground methods (e.g. shafts, tunnels, etc.). In a few cases, exploration appears to have led to actual development and exploitation.

Apache Leap South End—North Parcel: The northernmost parcel encompasses the entire Panic claim (*Appendix I, MS 2836*), the northwest one-half of both the Selma and Skiberean claims (*Appendix I, MS 2837*), and the approximate northwest two-third of the Hillside claim (*Appendix I, MS 2838*). The MS plats for these claims depict numerous exploratory mine workings within the parcel in question, most of which are presumably still present on the Property. This includes two shafts (24 and 40-ft deep), two tunnels (41 and 125-ft length), associated raises, and three surface cuts (10, 15, and 22-ft long) on MS 2836 within the Panic claim. No mining features are marked on MS 2837 within the northwest half of the Selma claim. A handful of mining features are, however, marked within the northwest half of the Skiberean claim on MS 2837: a 15-ft deep shaft, a 12-ft deep shaft, and a 7-ft long open cut. Lastly, the plat for MS 2838 depicts three open cuts (12, 14, and 30-ft long) and a 64-ft deep shaft along the northwest extent of the Hillside claim.

Apache Leap South End—Central Parcel: The central parcel encompasses the entire Touch Not No. 3 claim, all of the Touch Not claim except for the northwest corner, the approximate northwest one-half of the Rawhide claim, and small slivers of the Monte Carlo and Belmont claims along their eastern edges (*Appendix I, MS 2838*). According to the MS plat for these properties, the Touch Not claims contain a high density of surface and underground workings including at least ten open cuts (10 to 27-ft long), six shafts (12 to 33-ft deep), three tunnels (18 to 90-ft long), and a short crosscut. The plat also depicts three open cuts (10, 12, and 12-ft long) and a 10-ft long tunnel within the northwest one-half of the Rawhide claim. Lastly, the plat appears to show a few cuts and one 200-ft deep shaft within the small slivers of the Monte Carlo and Belmont claims.

A 1940s composite level map of the Belmont mine in Short et al. (1943: Pl. XXXIV) provides further information on underground workings within the central parcel (*Appendix I, Composite level map, Belmont mine*). This map indicates that underground “levels”—horizontal excavations used to access the ore body—from the Belmont mine extend into the Touch Not, Monte Carlo, Belmont, and Rawhide claims.

Apache Leap South End—South Parcel: The southern parcel encompasses the southeast corner of the Rawhide claim (*Appendix I, MS 2838*), the entire Pacific No. 32 claim (*Appendix I, MS 3581*), and the northern edge of the Grand claim (*Appendix I, MS 3581*). No mining features are depicted on the MS 2838 plat within the southeast corner of the Rawhide claim. The plat for MS 3581, however, depicts a series of four open cuts (no dimensions given on plat) within the Pacific No. 32 and Grand claims. Most significantly, this plat also shows the eastern extension (“A” level) of the underground workings from the Grand Pacific mine as passing below the eastern extent of both the Pacific No. 32 and Grand claims.

5. SITE RECONNAISSANCE

On March 24 and March 25, 2015, WestLand environmental specialists Mr. David Ward and Mr. Corey Archer performed a field reconnaissance under the direction of Ms. Diana Shiel to assess existing environmental conditions for the Property. Photographs documenting pertinent features are provided in *Appendix A*. The approximate photograph locations are shown in *Figure 3*.

5.1. METHODOLOGY AND LIMITING CONDITIONS

Prior to conducting the site reconnaissance, WestLand reviewed current and historical aerial photographs and topographic maps to identify the location of any suspect areas, including roadways, cleared areas, disturbed soils, and structures. Areas of known concentrated human activity were assessed in more detail because these areas presented the greatest potential for impacts by hazardous materials and petroleum products.

During the site reconnaissance, WestLand evaluated the suspect areas of site disturbance through pedestrian surveys. WestLand's reconnaissance included the Property, as well as observations of the adjoining properties from publicly accessible areas. Field observations were consistent with the findings of WestLand's historical review of the Property and surrounding properties.

The Apache Leap South End parcels are accessible from Arizona State Route 177, Apache Leap Road, and unimproved roads or trails. There is no on-site evidence of intensive recreational activities such as off-road vehicle use or camping. The Tonto National Forest road and trail network accesses the Property from the west, but does not enter the Apache Leap South End parcels. A dirt road in Belmont Canyon and trails in Donkey Canyon and Pacific Canyon lead from Ray Road (also known as Apache Leap Road) through the foothills to the Property. The primitive road is designated for high-clearance vehicles. There is no road or trail access to the Apache Leap South End parcels from the east.

Field reconnaissance does not provide information regarding potential sources of contamination below the ground surface. However, in cases of subsurface contamination, aboveground indicators such as obvious stress to plant life or staining are noted. All findings are based on observations and information collected at one point in time and is based on conditions during the site visit. A change of those conditions may alter the findings and conclusions of this report.

5.2. INDICATIONS OF PAST USES OF THE PROPERTY

The Apache Leap South End parcels have historically been used for small mine operations. There has been no recent use of the Property by the current owner, but it is expected that recreational activities (e.g., rock climbing and hunting) on adjacent public lands have continued onto the private property. Numerous mine prospects (exploration pits, adits, and associated waste rock piles), both mapped and unmapped, are located on and near the Apache Leap South End parcels were observed within the Property (*Appendix A; Figure 3*).

5.3. EXTERIOR OBSERVATIONS

5.3.1. Hazardous Substances and Petroleum Product Containers in Connection with Identified Uses

No hazardous substances and petroleum product containers in connection with identified uses were observed at the Property or on land immediately adjoining the Property.

5.3.2. Hazardous Substance and Petroleum Product Containers Not in Connection with Identified Uses

No hazardous substances and petroleum product containers not in connection with identified uses were observed at the Property or on land immediately adjoining the Property.

5.3.3. Storage Tanks (Aboveground and Underground)

No indications of above- or underground storage tanks potentially used for hazardous substances or petroleum products were observed on the Property or on adjoining properties.

5.3.4. Unidentified Substance Containers

No unidentified substance containers were observed on the Property or on adjoining properties during the site reconnaissance.

5.3.5. Drums

One rusted out water tank was observed at the Property.

5.3.6. Odors

No strong, pungent, or noxious odors were detected on the Property or on adjoining properties during the site reconnaissance.

5.3.7. Pools of Liquid, Pits, Ponds, or Lagoons

No pools of liquid, pits, ponds, or lagoons were observed on the Property or on adjoining properties. Furthermore, no such features were observed in connection with waste disposal or treatment.

5.3.8. Wastewater

No features associated with wastewater storage and disposal were observed during the site reconnaissance.

5.3.9. Septic Systems

There is no indication that septic systems are present on the Property.

5.3.10. Wells

No wells were observed at the Property.

5.3.11. Stained Soil or Pavement

No stained soil or pavement was noted.

5.3.12. Stressed Vegetation

Vegetation across the Property appeared to be in good health. There was no indication of stressed vegetation on the Property or adjoining properties likely attributed to hazardous substances, or petroleum products.

5.3.13. Solid Waste Disposal

The Resource Conservation Recovery Act (RCRA) was enacted by Congress in 1976 and amended in 1984. RCRA's primary goal is to protect human health and the environment from the potential hazards of waste disposal. Unauthorized solid waste disposal provides the potential for hazardous and regulated substances to impact a property in the absence of waste-generating activities.

The Property appears to be generally clean of solid waste.

5.3.14. PCB Equipment

Concern over the toxicity and persistence in the environment of polychlorinated biphenyls (PCBs) led Congress in 1976 to enact §6(e) of the Toxic Substances Control Act (TSCA), which included prohibitions on the manufacture, processing, and distribution in commerce of PCBs. Historically, electrical transformers contained a cooling liquid that had PCBs. If present, electrical transformers or hydraulic equipment could provide the potential for release of PCBs onto the Property. In 1984, manufacturers began producing non-PCB transformers that contain less than 50 parts per million of PCBs.

No PCB equipment was observed at the Property.

5.4. INTERIOR OBSERVATIONS

Not applicable.

6. INTERVIEWS

6.1. INTERVIEWS WITH OWNER

On May 29, 2015, Mr. Sterling Hundley of Resolution Copper Mining LLC completed the User questionnaire and a project-specific owner questionnaire generated by WestLand. Mr. Hundley indicated that to his knowledge, the property has been vacant and, not used for development. He is not aware of any information potentially pointing to a REC for the Property. Responses to specific inquiries are included in *Appendix B*.

6.2. INTERVIEWS WITH OCCUPANTS

See *Interview with Owner* (above).

6.3. INTERVIEWS WITH LOCAL GOVERNMENT OFFICIALS

WestLand inquired to the Queen Valley Fire District regarding confirmation of their service area, and whether or not they have responded to the Property or adjoining properties with regard to fuel/chemical spills or if they were aware of any chemical or petroleum product storage at the Property. On May 13, 2015, Rusty Dunmire (Queen Valley queenvalleyfd@yahoo.com) reported he had inquired to Fire Chief Cecil Fendley (who has been the chief of Queen Valley Fire District since 1987) and responded they have no knowledge of and such spills or storage.

6.4. INTERVIEWS WITH OTHERS

No other individuals were interviewed as part of this investigation.

7. FINDINGS AND OPINIONS

Based on the findings of the environmental records search, historical review, physical setting of the Property, field reconnaissance of the Property, prior reports, and interviews, WestLand provides the following findings and opinions pertaining to the Property:

- The Property occurs within a well-known copper district, southeast of the Town of Superior, south of Highway 60, and east of Highway 77, within a private landholding surrounded by Tonto National Forest lands. State Trust Lands are located approximately 1 mile east of the Property. WestLand reviewed a variety of documentary sources related to mining to collect specific information on historical mine workings in the immediate vicinity of the Property. While the major underground and surface workings in the district were concentrated around the old Magma and Silver King mines to the east and northeast of Superior, other smaller mining operations were located historically to the southeast of the town along the southern extent of Apache Leap. The major underground mines in this area were principally known as the Grand Pacific and Belmont mines.

In order to gather baseline information on the presence/absence of underground and surface mining features in the Apache Leap South End parcels, WestLand performed a review of the official *Mineral Survey* (MS) plats for these claims as well as underground maps found in *Arizona Bureau of Mines Bulletin 151*. The Apache Leap South End parcels are located just to the east and north of the main entrances to the old Belmont and Grand Pacific mines on lands patented under Federal mining law. Portions of the claims comprising the Property that appear to date to the early 1900s have been explored historically for the presence of economic minerals using surface (e.g. open cuts) and underground methods (e.g. shafts, tunnels, etc.). In a few cases, exploration appears to have led to actual development and exploitation. Our research indicates that surface and underground mining features are located within all three sub-parcels. This includes small open cuts, shafts, tunnels, raises, crosscuts, and more extensive underground workings extending from the Grand Pacific and Belmont mines. There is some potential for such historic mine features to produce acid mine drainage or impact groundwater if water accumulates in mineralized rock or waste rock. However, there was no discoloration or distressed vegetation noted around existing surface mining features, and accumulation of water in underground mining features is speculative. While historic mining features provide some potential for impacts to surface or groundwater by contact with mineralized rock, acid mine drainage is not known to be present at the parcel and is not considered likely.

- WestLand contracted with Environmental Record Search (ERS) to conduct an electronic search of regulatory agency databases for references to the Property and surrounding lands. The database search was conducted on April 10, 2015, and included standard and additional federal, tribal, state, local, and supplemental database records, as well as ERS proprietary database records. The regulatory agency databases were queried by conducting a search from the boundaries of the Property to the minimum search distance recommended by the ASTM standard. A government

record for one mine appears to be located at the Property (Daggs Group) and at least two additional mines appear to be located on adjoining Property to the west (Grand Pacific Mine and Belmont Mine). Several occurrence records were identified on multiple databases for land located within the ASTM-recommended minimum search distances from the Property boundaries. Some records are named in multiple databases and many of these records occur at the same location. WestLand combined records that were reported with the same address in a detailed records evaluation. The Daggs Group mine is likely part of the Belmont Mine and all of the mine records appear to have multiple aliases. WestLand considers it unlikely that any of these records indicate a REC for the Property based on the nature and status of the listing and its distance or geographical situation relative to the Property (see relevant mine research above).

- There are no registered wells at the Property. ADWR identifies 23 registered wells within 1 mile from the Property boundaries. Records for these 23 wells indicate these wells were drilled for mineral exploration, soil vapor extraction, monitoring/piezometer/environmental or are exempt wells (wells with a maximum pump capacity of not more than thirty-five gallons per minute and that is used only for non-irrigation purposes). WestLand reviewed imaged records for the three wells registered as soil vapor extraction wells to determine their location relative to the Property. The imaged records indicate these wells were abandoned because a “remediation project was completed”. These wells are located west and downgradient of the Property (in terms of surface and assumed groundwater flow) along the east boundary of the Town of Superior (ADWR 2013, 2015). While the presence of these three wells suggests a past environmental condition near Superior, considering the status of these wells (closed as remediation was completed) and their location in relation to the Property (not upgradient), these wells do not indicate an environmental concern for the Property. Given the lack of government records identified in the ERS database search, the monitoring wells and mineral exploration wells are not likely associated with known groundwater remediation concerns.
- WestLand obtained the property tax maps and parcel detail reports for the Property. This information indicates there are named claims registered at the Property; however, the Property is considered vacant land with no assessed buildings or other improvements.
- On April 14, 2015 WestLand engaged ERS, to conduct a search of available land title records for environmental liens and AULs on the Property. A search for environmental liens and activity and use limitations (AULs) was completed for each parcel (Pinal County APNs 105-15-003 and 105-15-004); no records of environmental liens or AULs associated with the Property were identified. The current deed for the Property was executed August 12, 2004, and recorded the same month, conveying ownership from BHP Copper Inc. (formerly Magma Copper Company) to Resolution Copper Mining LLC.
- On March 24 and March 25, 2015, WestLand environmental specialists performed a field reconnaissance to assess existing environmental conditions for the Property. Field observations were consistent with the findings of WestLand’s historical review of the Property and

surrounding properties. The Property is generally characterized as undeveloped open space but has evidence of historical mining use in the form of numerous prospects and adits (horizontal shafts) with associated small waste rock piles. There is no evidence of historical human occupation or intense recreational use of the site. There has been no recent use of the Property by the current owner, but it is expected that recreational activities (e.g., rock climbing and hunting) on adjacent public lands have continued onto the private property. Numerous mine prospects (exploration pits, adits, and associated waste rock piles) mapped and unmapped, are located on and near the Apache Leap South End parcels and were observed within the Property. Additional mine features beyond those observed during the site reconnaissance may be present at the Property.

- WestLand conducted a written interview with Mr. Sterling Hundley who completed the User questionnaire and a project-specific owner questionnaire. Mr. Hundley indicated that core drilling may have occurred at the Property in past years. He also reported that mining activities have possibly occurred on nearby land. Based on the User's knowledge of, and experience related to the Property, no obvious indicators point to the presence or likely presence of contamination on the Property of which the User is aware. No other information relevant to potential RECs was provided by the User.
- WestLand queried the Queen Valley Fire District as to whether or not they have responded to the Property or adjoining properties with regard to fuel/chemical spills or if they were aware of any chemical or petroleum product storage at the Property. On May 13, 2015, Rusty Dunmire (Queen Valley Fire District, queenvalleyfd@yahoo.com) reported he had inquired to Fire Chief Cecil Fendley (who has been the chief of Queen Valley Fire District since 1987) and responded they have no knowledge of any such spills or storage at the Property or on land in the immediate vicinity.

8. CONCLUSION

WestLand has performed a Phase I ESA in conformance with the scope and limitations of ASTM E 1527-13 for the Property (*Figure 1*). Any exceptions to, or deletions from, this practice are described in Section 9 of this report.

This assessment has revealed no evidence of RECs in connection with the Property.

9. DEVIATIONS

The purpose of reviewing historical sources is to develop a history of the previous uses of a property and surrounding area in order to help identify past uses that may have led to RECs in connection with the Property. According to the ASTM standard, obvious uses of a property shall be identified from the present back to the property's first developed use, or back to 1940, whichever is earlier. This requires reviewing only as many standard historical sources as are reasonably ascertainable and likely to be useful.

Considering that developed use of the Property is limited to historic mining and that there is no other documented or suspected use of the Property potentially indicating a REC, WestLand did not conduct a city directory search, Sanborn fire insurance map search, building department record search or other historic record searches. There were no data failures or limitations potentially affecting conclusions regarding the identification of RECs for the Property (site access limitations, physical obstructions to observations, outstanding information requests, historical data failure, etc.). Considering the known history of the site and results of our site reconnaissance and other completed research, this assessment is considered complete.

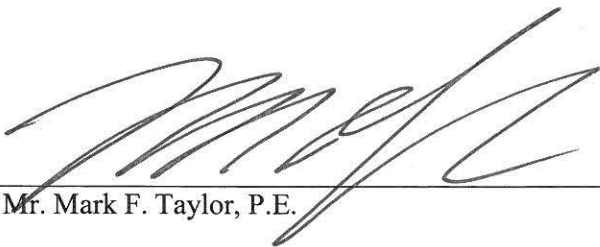
10. ADDITIONAL SERVICES

No additional services beyond the standard ASTM scope were considered as part of this assessment.

11. QUALIFICATIONS AND SIGNATURE OF ENVIRONMENTAL PROFESSIONALS

Mr. Mark F. Taylor, P.E. believes that, to the best of his professional knowledge, he meets the definition of “environmental professional” as defined in §312.10 of 40 CFR 312. Mr. Taylor possesses the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject Property. He has developed and performed all the appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Mr. Taylor is the leading environmental professional assigned to perform project oversight for this ESA. David Ward and Cory Archer conducted the site reconnaissance under the direction of Diana Shiel. Ms. Shiel and Avi Buckles conducted the interviews, regulatory inquiries, and historical research. Mr. Rife reviewed the findings in this report. Their work was conducted under the supervision of the above-named environmental professional. Mr. Taylor reviewed, interpreted, and declared the information included in this report as complete. Résumés for the key individuals participating in the preparation of this report are provided in *Appendix J*.



Mr. Mark F. Taylor, P.E.

8/13/15
Date

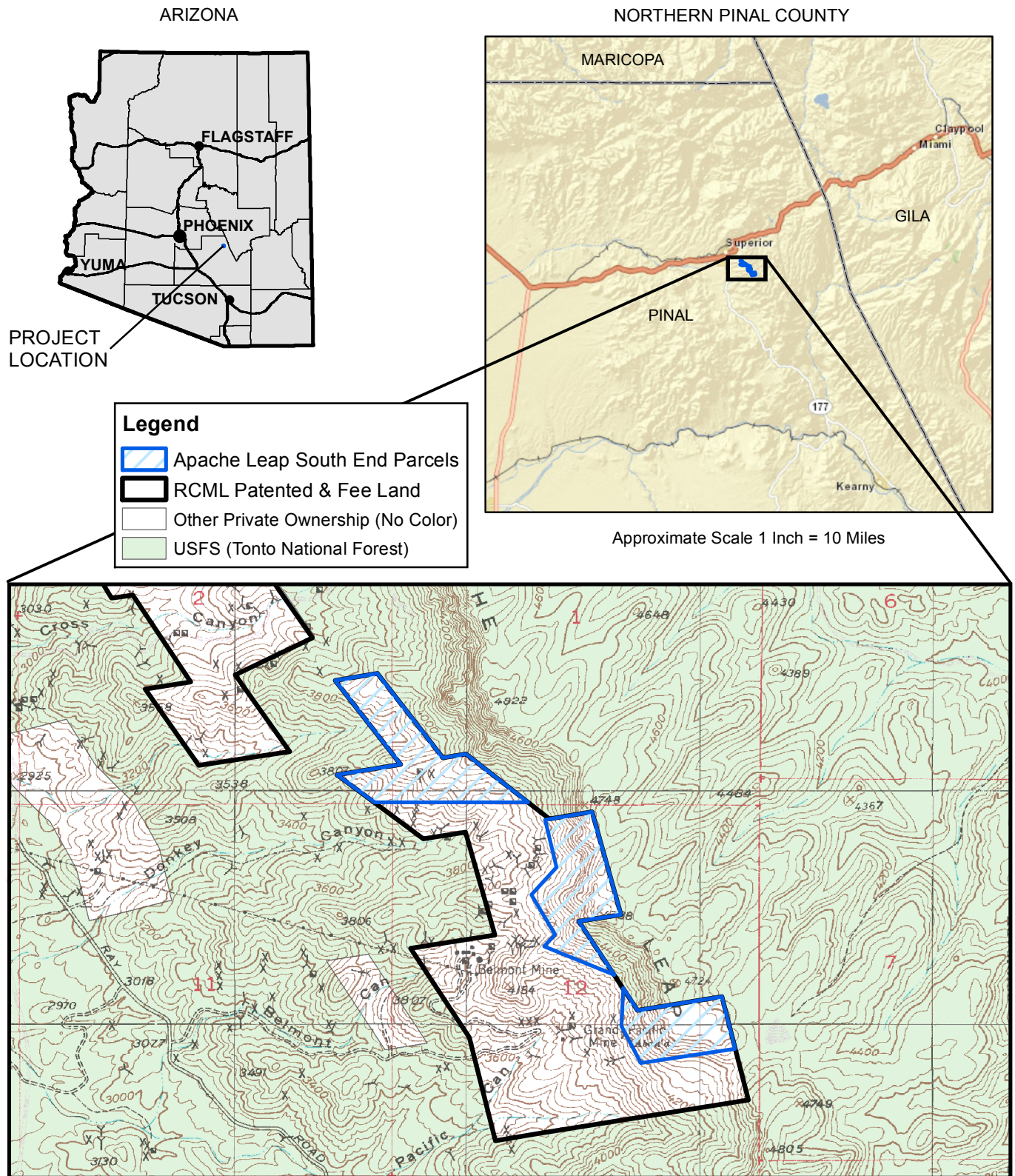
12. REFERENCES

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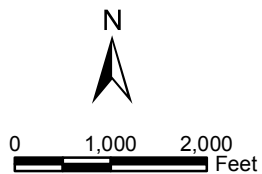


FIGURES



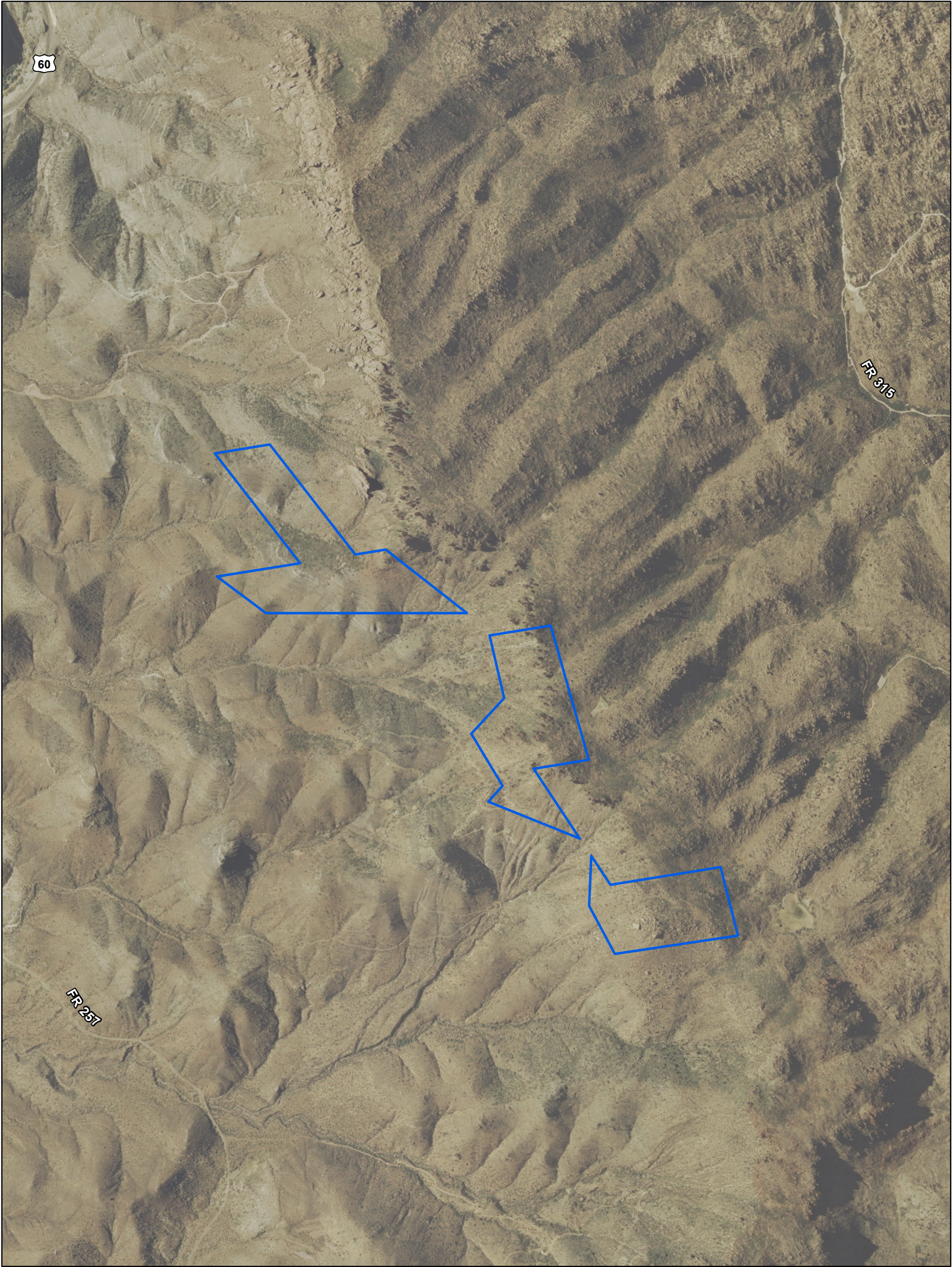
T2S, R12E, Portion of Sections 1, 2 & 12,
Pinal County, Arizona,
Superior USGS 7.5' Quadrangle
Data Source: BLM Surface Management 2012

WestLand Resources, Inc.
Tucson • Phoenix • Flagstaff
4001 E. Paradise Falls Drive
Tucson, Arizona 85712 (520) 206-9585



RESOLUTION COPPER
Phase I ESA for Apache Leap South End

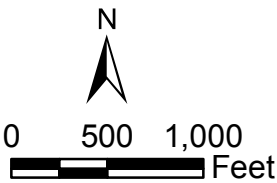
VICINITY MAP
Figure 1

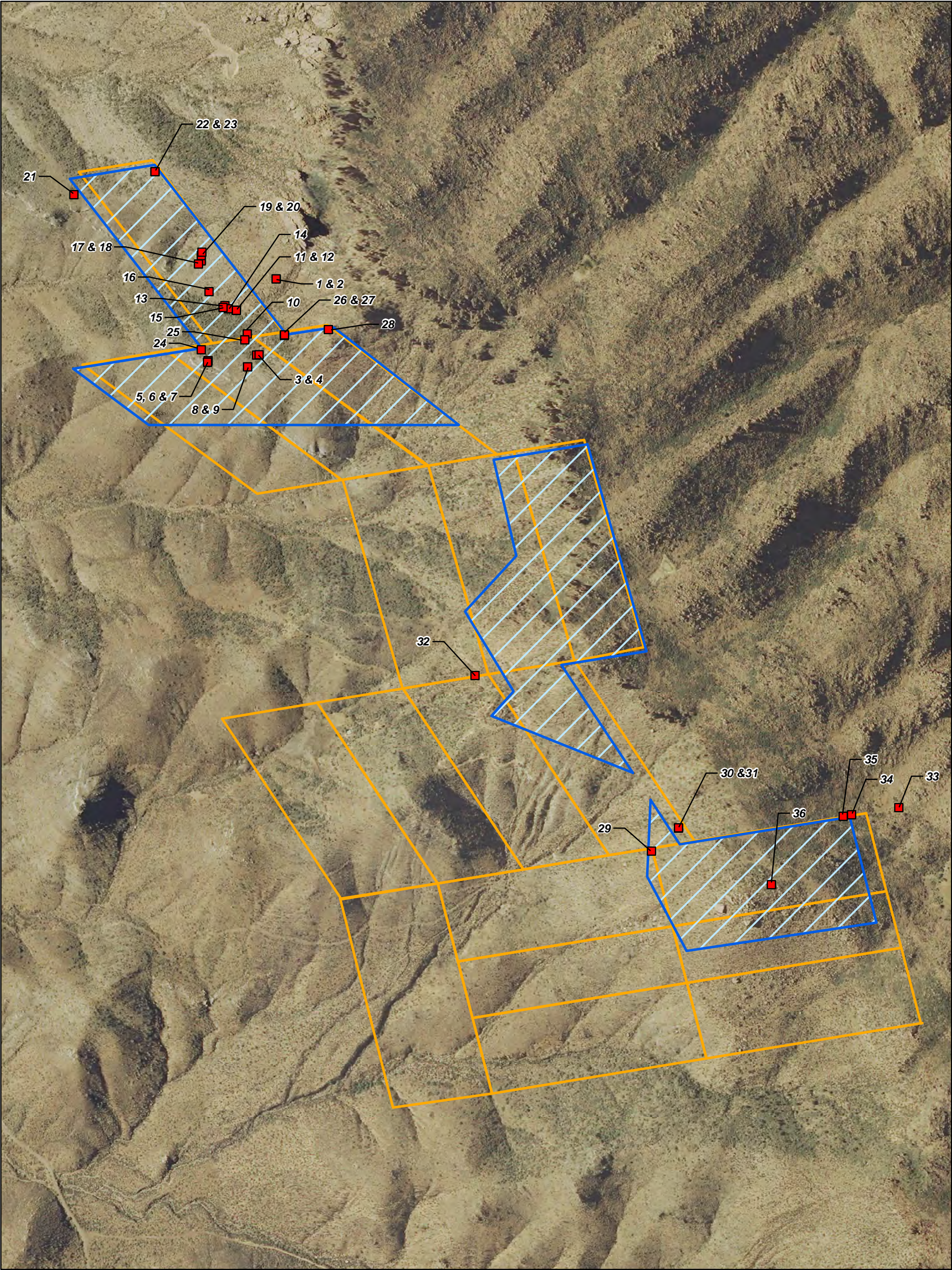


T2S, R12E, Portion of Sections 1, 2 & 12,
Pinal County, Arizona,
Photo Source: ESRI Online NAIP Imagery, 6-3-2013

Legend

 Apache Leap South End Parcels






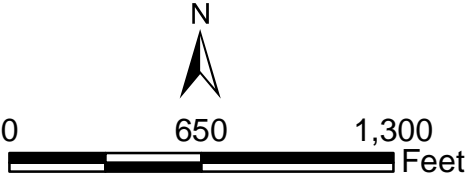


T2S, R12E, Portion of Sections 1, 2 & 12,
Pinal County, Arizona,
Photo Source: NAIP Imagery, 2013

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Tucson, Arizona 85712 (520) 266-9585

Legend

-  Ground Photos
-  Apache Leap South End Parcels
-  RCM Patented Claims near Apache Leap South End Parcels



RESOLUTION COPPER
Phase I ESA for Apache Leap South End
SITE RECONNAISSANCE MAP
Figure 3

APPENDIX A

SITE PHOTOGRAPHS



Photo 1. Overview looking south. Waste rock can be seen across the valley.



Photo 2. Zoomed in image of Photo 1.



Photo 3. Iron gate on partially filled-in shaft, shaft appears to be 6' x 6' x 3'.



Photo 4. Another angle of photo 3.



Photo 5. Survey marker.



Photo 6. Survey marker.



Photo 7. Survey marker.



Photo 8. Looking south at surface disturbance estimated at 20' x 20'.



Photo 9. Zoomed in image of Photo 8.



Photo 10. Mine adit measuring 17' long x 7' wide x 8' tall; opening measuring 6' x 3'.



Photo 11. Mine adit iron gate hard; could not define inner dimensions.



Photo 12. Zoomed in image of Photo 11.



Photo 13. Old cart.



Photo 14. Rock wall beneath vegetation.



Photo 15. Rusted out, empty container.



Photo 16. Possible test adit.



Photo 17. Mine shaft closed with iron gate; could not define inner dimensions.



Photo 18. Mine shaft closed with iron gate; could not define inner dimensions.



Photo 19. Surface disturbance north of Photo 17 & 18, possible test pit.



Photo 20. Surface disturbance north of Photo 17 & 18, another possible test pit.



Photo 21. Survey marker.



Photo 22. Survey marker.



Photo 23. Survey marker (same location as photo 22).



Photo 24. Survey marker.



Photo 25. Survey marker.



Photo 26. Survey marker.



Photo 27. Survey marker.



Photo 28. Survey marker.



Photo 29. Survey marker.



Photo 30. Survey marker.



Photo 31. Overview of the Property from vantage point.



Photo 32. Survey marker.



Photo 33. Survey marker.



Photo 34. Survey marker.



Photo 35. Survey marker.



Photo 36. Survey marker.

APPENDIX B

USER QUESTIONNAIRE AND OWNER QUESTIONNAIRE

PHASE I ENVIRONMENTAL SITE ASSESSMENT
OWNER/ OPERATOR/OCCUPANT QUESTIONNAIRE

Please respond to the questions provided below and expand your responses as appropriate:

(1). Please describe the current uses of the *property*, if known.

Vacant land

(2). Please describe the past/historic use(s) of the *property*, if known.

Has never been used for development

(3). Name the current and any past owners or occupants of the *property*, if known.

Current: Resolution Copper Mining LLC: Past: BHP Copper Inc.

(4). Please describe the past and/or current uses of adjoining properties, if known.

Vacant Land never developed

(5). Are there any above ground storage tanks, underground storage tanks, vent pipes or access ways indicating storage tanks at the *property*?

Yes____ No__X__ Unknown____

(6). Are there any PCBs (transformers, hydraulic equipment) at the *property*?

Yes____ No__X__ Unknown____

(7). Have you observed stained soil/pavement, corrosion, or stressed vegetation that may indicate a petroleum or chemical spill or acid mine drainage at the *property*?

Yes____ No__X__ Unknown____

(8). Have you observed pits, ponds, or lagoons associated with wastewater treatment/disposal at the *property*?

Yes____ No__X__ Unknown____

(9). Are you aware of any wastewater/stormwater facilities at the *property* (drains, sumps, artificial ditches)?

Yes____ No__X__ Unknown____

(10). Are you aware of any wells located at the *property* (dry, irrigation, injection, or abandoned)?

Yes____ No__X__ Unknown____

(11). Are you aware of any septic systems at the *property*?

Yes____ No__X__ Unknown____

(12). Has the *property* been used for landfill, dump, battery storage, junkyard, or other disposal purposes?

Yes____ No__X__ Unknown____

PROPERTY: Apache Leap South End

(13). Has dirt fill been brought to the *property* that originated from a site of unknown origin or from a contaminated site?

Yes _____ No X _____ Unknown _____

(14). Are there or has there ever been any flooring, drains, or walls located within the facility that are stained by substances other than water or emitting odors?

Yes _____ No X _____ Unknown _____

NAME: STERLING HUNDLEY

COMPANY: RESOLUTION COPPER MINING LLC

PHONE #: (520) 689-3308

SIGNATURE:  DATE: 5/29/15

ASTM E 1527-13 & 2247-08

USER QUESTIONNAIRE

In order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "Brownfields Amendments"), the user must provide the following information (if available) to the environmental professional. Failure to provide this information could result in a determination that "all appropriate inquiry" is not complete.

(1). Environmental cleanup liens that are filed or recorded against the *property* (40 CFR 312.25).

Are you aware of any environmental cleanup liens against the *property* that are filed or recorded under federal, tribal, state or local law? No

(2). Activity and land use limitations that are in place on the Property or that have been filed or recorded against the *property* (40 CFR 312.26).

Are you aware of any 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? No

(3). Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28).

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

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

(5). 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*? Unknown, possible mining activity nearby.

(b.) Do you know of specific chemicals that are present or once were present at the *property*? Yes, none

(c.) Do you know of spills or other chemical releases that have taken place at the *property*? Yes, none

(d.) Do you know of any environmental cleanups that have taken place at the *property*? Yes, none

(6). The degree of obviousness of the presence of 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*? None

In addition, certain information should be collected, if available, and provided to the environmental professional selected to conduct the Phase I. This information is intended to assist the environmental professional but is not necessarily required to qualify for one of the LLPs. The information includes:

- (a) The reason why the Phase I is required
Land Exchange with the Federal Government
- (b) The type of *property* and type of *property* transaction, for example, sale, purchase, exchange, etc.
Land Exchange
- (c) The complete and correct address for the *property* (a map or other documentation showing *property* location and boundaries is helpful). Property location is Township 2 South, Range 12 East, section 12. Pinal County Parcel Numbers 105-15-003; 105-15-004.
- (d) The scope of services desired for the Phase I (including whether any parties to the *property* transaction may have a required standard scope of services on whether any considerations beyond the requirements of Practice E 1527/2247 are to be considered). Unknown
- (e) Identification of all parties who will rely on the Phase I report. Unknown
- (f) Identification of the site contact and how the contact can be reached. - Are there previous site contacts that should be interviewed? Site contact Sterling Hundley, see below
- (g) Any special terms and conditions which must be agreed upon by the environmental professional. Unknown
- (h) Any other knowledge or experience with the *property* that may be pertinent to the environmental professional (for example, copies of any available prior environmental site assessment reports, documents, correspondence, etc., concerning the *property* and its environmental condition). Some core drilling may have taken place in the past years.

USER NAME & FIRM: STERLING HUNDLEY - RESOLUTION COPPER MINING LLC

ADDRESS: 102 MAGMA HEIGHTS, SUPERIOR AZ 85173

PHONE #: _____

SIGNATURE: 

DATE: 5/29/15

APPENDIX C

**ERS
ENVIRONMENTAL
LIENSEARCH
REPORT WITH
RECORDED DEEDS**

Environmental Lien Research

REPORT RESULTS



Report Results for:

Diana Shiel
Westland Resources
4001 E. Paradise Falls Drive
Tucson, AZ 85712
2104651907 EL
April 14, 2015

Subject Site:

Clients Project #:

Address: **105-15-003 and 105-15-004**

City, State Zip: **Pinal County, AZ**

ERS Order #:

2104651907 EL

Prepared For:

Name: Diana Shiel

Company: Westland Resources

Address: 4001 E. Paradise Falls Drive

City, State Zip: Tucson, AZ 85712

Date:

April 14, 2015



The NETR Environmental Lien Search Report

**APACHE LEAP SOUTH
PINAL COUNTY, ARIZONA**

Tuesday, April 14, 2015

Project Number: L15-00795

2055 East Rio Salado Parkway
Tempe, Arizona 85281

Telephone: 480-967-6752
Fax: 480-966-9422

ENVIRONMENTAL LIEN REPORT

The NETR Environmental LienSearch Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied property information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' office, registries of deed, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved and description); and
- provide a copy of the deed or cite documents reviewed;

Thank you for your business

Please contact NETR at 480-967-6752
with any questions or comments

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ENVIRONMENTAL LIEN REPORT

The NETR Environmental Lien Search Report is intended to assist in the search for environmental liens filed in land title records.

TARGET PROPERTY INFORMATION

ADDRESS

Apache Leap South
Pinal County, Arizona

RESEARCH SOURCE

Source: Pinal County Assessor
Pinal County Recorder

DEED INFORMATION

Type of Instrument: Special Warranty Deed

Grantor: BHP Copper Inc., a Delaware corporation

Grantee: Resolution Copper Mining LLC, a Delaware limited liability company

Deed Dated: 01/31/2005
Deed Recorded: 01/31/2005
Instrument: 2005-9840

LEGAL DESCRIPTION

All that certain piece or parcel of land situated and lying in Section 12, Township 2 South, Range 12 East of the Gila and Salt River Base and Meridian, Pinal County, State of Arizona

Assessor's Parcel Number(s): 105-15-003 and 105-15-004

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AULs: Found ☐ Not Found ☒



OFFICIAL RECORDS OF
PINAL COUNTY RECORDER
LAURA DEAN-LYTLE

DATE/TIME: 01/31/05 1428
FEE: \$39.00
PAGES: 31
FEE NUMBER: 2005-009840

WHEN RECORDED, PLEASE RETURN TO:



A Rio Tinto Company

2525 E. Arizona Biltmore Circle
Suite C-135
Phoenix, AZ 85016
Tel.: (602) 956-0223

This Special Warranty Deed dated August 12th, 2004, was inadvertently recorded in Maricopa County. Please accept this certified copy from Maricopa County as the recorded document.

Daniel L. Mead for Resolution Copper

- Hold Plu
Southern
Delivery
Solutions
3.6



OFFICIAL RECORDS OF
MARICOPA COUNTY RECORDER
HELEN PURCELL
2004-0973524 08/20/04 16:06
1 OF 2

WHEN RECORDED, RETURN TO:

WHEN RECORDED, RETURN TO:

Parsons Behle & Latimer
One Utah Center
201 South Main Street, Suite 1800
Salt Lake City, Utah 84111
Attn: Patricia J. Winmill

SPECIAL WARRANTY DEED

FOR GOOD AND VALUABLE CONSIDERATION, the receipt and sufficiency of which are hereby expressly acknowledged, **BHP COPPER INC.**, a Delaware corporation, formerly known as Magma Copper Company ("Grantor"), does hereby convey to **RESOLUTION COPPER MINING LLC**, a Delaware limited liability company, of 2525 East Arizona Biltmore Circle, Suite C-135, Phoenix, AZ 85016, ("Grantee") the following described property situated in Pinal County, Arizona (the "Property"):

See Exhibit A attached hereto and made a part hereof.

together with all improvements, buildings, structures and fixtures located thereon; all easements, if any, benefiting the Property; all rights, benefits, privileges and appurtenances pertaining to the Property, including any right, title and interest of Grantor in and to any property lying in or under the bed of any street, alley, road or right-of-way, open or proposed, abutting or adjacent to the Property; the strips, gaps or gores, if any, between the Property and abutting property, and further, without any warranty or representation whatsoever, the Grantor hereby quit claims to the Grantee any and all water rights appurtenant to the Property.

Subject to all Permitted Encumbrances, as that capitalized term is defined in that certain Earn-In Agreement dated April 17, 2001, between Grantor and Kennecott Exploration Company.

Grantor hereby binds itself and its successors to warrant and defend the title, as against all acts of Grantor herein and no other, subject to the matters above set forth. EXCEPT AS OTHERWISE SET FORTH ABOVE, THE PROPERTY TRANSFERRED HEREBY IS CONVEYED ON AN "AS-IS" AND "WHERE-IS" BASIS.

IN WITNESS WHEREOF, Grantor has executed this Special Warranty Deed effective as of March 31, 2004.

GRANTOR:

BHP COPPER INC., a Delaware corporation

By: *Ben Wickers*

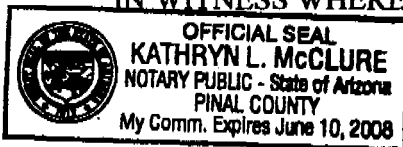
Name: BEN WICKERS

Its: PRESIDENT

STATE OF Arizona)
) ss.
County of Pinal)

On this, the 12 day of August, 2004, before me, the undersigned Notary Public, personally appeared Ben Wickers, the President of BHP COPPER INC., a Delaware corporation, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged that he/she executed the same on behalf of the limited partnership for the purposes therein contained.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.



Kathryn L. McClure
Notary Public

My commission expires:

6-10-08

Exhibit A**to SPECIAL WARRANTY DEED
From BHP COPPER INC to RESOLUTION COPPER MINING LLC**

The following described real property consisting of fee lands and patented mining claims and millsites situated in Pinal County, Arizona, and more particularly described as follows:

1. PARCEL NO. 1:

Lot 10 of Section 25, Township 1 South, Range 12 East, G&SR Mer., patented under Patent No. 02-73-0048, dated March 27, 1973, containing 15.78 acres, more or less.

2. PARCEL NO. 2:

Lots 9, 10, 11, 15 and 16 of Section 26, Township 1 South, Range 12 East, G&SR Mer., patented under Patent No. 02-73-0048, dated March 27, 1973, containing 233.01 acres, more or less.

3. PARCEL NO. 3:

The Southeast Quarter of Section 27, Township 1 South, Range 12 East, G&SR Mer., patented under Patent No. 02-73-0048, dated March 27, 1973, containing 160.00 acres, more or less.

4. PARCEL NO. 4:

Lot 1, the Northwest Quarter of the Southeast Quarter (NW $\frac{1}{4}$ SE $\frac{1}{4}$), the West Half of the Southwest Quarter of the Southeast Quarter (W $\frac{1}{2}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$), the North Half of the Northeast Quarter (N $\frac{1}{2}$ NE $\frac{1}{4}$) and the Southwest Quarter of the Northeast Quarter (SW $\frac{1}{4}$ NE $\frac{1}{4}$) of Section 34, Township 1 South, Range 12 East, G&SR Mer., patented under Patent No. 02-73-0048, dated March 27, 1973, containing 211.85 acres, more or less.

5. PARCEL NO. 5:

The Northeast Quarter of the Southeast Quarter (NE $\frac{1}{4}$ SE $\frac{1}{4}$), the West Half of the Southeast Quarter of the Southeast Quarter (W $\frac{1}{2}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$), the East Half of the Southwest Quarter of the Southeast Quarter (E $\frac{1}{2}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$) of Section 34, Township 1 South, Range 12 East, G&SR Mer., patented under Patent No. 1038030, dated June 6, 1930, containing 80 acres, more or less.

6. PARCEL NO. 6:

Lots 12, 13, 14, 15 and the North half of the Northwest of the Southwest of Section 35, Township 1 South, Range 12 East, G&SR Mer., patented under Patent No. 1038030, dated June 6, 1930, containing 90.82 acres, more or less.

EXCEPT "any portion of Lot 15 lying Easterly of the Easterly Line of Porphyry Street as described in Docket 1559, Page 191."

7. PARCEL NO. 7:

Lots 2, 3, 11, and 17 of Section 35, Township 1 South, Range 12 East, G&SR Mer., patented under Patent No. 02-73-0048, dated March 27, 1973, containing 58.47 acres, more or less.

8. PARCEL NO. 8:

Lots 5, 7, 8 and 9 of Section 36, Township 1 South, Range 12 East, G&SR Mer., patented under Patent No. 02-73-0048, dated March 27, 1973, containing 70.79 acres, more or less.

9. PARCEL NO. 9:

Lot 9 of Section 2, Township 2 South, Range 12 East, G&SR Mer., patented under Patent No. 02-73-0048, dated March 27, 1973, containing 1.64 acres, more or less.

10. PARCEL NO. 10:

Lot 21 of Section 3, Township 2 South, Range 12 East, G&SR Mer., patented under Patent No. 02-73-0048, dated March 27, 1973, containing 18.01 acres, more or less.

EXCEPT "any portion lying Southerly of the Northerly line of Main Street (old highway 60)."

11. PARCEL NO. 11:

Lots 8 and 9 of Section 3, Township 2 South, Range 12 East, G&SR Mer., patented under Patent No. 1038030, dated June 6, 1930, containing 35.33 acres, more or less.

EXCEPT "any portion lying Southerly of the Northerly line of Main Street (old highway 60)."

12. PARCEL NO. 12:

The North Half of the Northeast Quarter ($N\frac{1}{2}NE\frac{1}{4}$), and the North Half of the South Half of the Northeast Quarter ($N\frac{1}{2}S\frac{1}{2}NE\frac{1}{4}$) of Section 4, Township 2 South, Range 12 East, G&SR Mer., patented under Patent No. 1038030, dated June 6, 1930, containing 120 acres, more or less.

EXCEPT "all that portion of the surface only to a depth of 40 feet of the East Half of Section 4, Township 2 South, Range 12 East of the Gila and Salt River Base and Meridian, Pinal County, Arizona, described as follows:

BEGINNING at the center quarter of said Section 4;

THENCE North 00 degrees 36 minutes 58 seconds West along the West line of said East half, 1205.62 feet to the Southerly line of the BHP ARIZONA RAILROAD COMPANY right-of-way;

THENCE along said Southerly line the following four courses:

- (1) along a non-tangent curve, the center of which bears North 42 degrees 19 minutes 01 seconds West, having a radius of 528.50 feet, through a central angle of 35 degrees 47 minutes 49 seconds and arc distance of 330.19 feet;
- (2) North 11 degrees 53 minutes 10 seconds East, 172.82 feet;
- (3) along a tangent curve, concave to the South, having a radius of 358.50 feet, through a central angle of 108 degrees 29 minutes 33 seconds an arc distance of 678.84 feet;
- (4) South 59 degrees 37 minutes 17 seconds East, 671.26 feet to the East line of the West half of the Northeast quarter of said Section 4;

THENCE South 00 degrees 34 minutes 55 seconds East, along said East line, 1069.41 feet to a point on the North line of property described in Warranty Deed, recorded in Docket 1709, Page 240, Pinal County Records;

THENCE South 89 degrees 18 minutes 32 seconds West, 327.80 feet to the Northwest corner of property described in said Warranty Deed;

THENCE South 00 degrees 35 minutes 26 seconds East, 431.35 feet to a point on the Northerly right-of-way line of U.S. 60 & 70;

THENCE South 80 degrees 39 minutes 39 seconds West, along said Northerly right-of-way line, 994.71 feet to the West line of said East half;

THENCE North 00 degrees 36 minutes 58 seconds West, 113.49 feet to the POINT OF BEGINNING."

13. PARCEL NO. 13:

The Surprisor No. 2 patented lode mining claim, Lot No. 38, embracing a portion of Section 2, Township 2 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 6258 from the United States of America to Charles L. Hastings, dated July 31, 1882, and recorded as Fee No. 1999-027022 of the official records of Pinal County, comprising 18.32 acres, more or less.

14. PARCEL NO. 14:

The Windsor patented lode mining claim, Lot No. 37, embracing a portion of Section 35, Township 1 South, Range 12 East, G&SR Mer., a more particular description of which is set

forth in Mineral Patent No. 6257 from the United States of America to Charles L. Hastings, dated July 31, 1882, and recorded as Fee No. 1999-027023 of the official records of Pinal County, containing 19.08 acres more or less.

15. PARCEL NO. 15:

The Hub patented lode mining claim, Lot No. 41, embracing a portion of Section 36, Township 1 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 9362 from the United States of America to Silver Queen Mining Co., dated June 2, 1884, and recorded in Book 19 of Mining Deeds, page 159 of the official records of Pinal County, containing 10.16 acres more or less.

16. PARCEL NO. 16:

The Irene patented lode mining claim, Lot No. 42, embracing a portion of Section 35, Township 1 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 10228 from the United States of America to Silver Queen Mining Co., dated October 21, 1885, and recorded in Book 19 of Mining Deeds, page 165 of the official records of Pinal County, containing 20.66 acres more or less.

17. PARCEL NO. 17:

The Mowry patented lode mining claim, Lot No. 44, embracing a portion of Section 23, Township 1 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 11374 from the United States of America to Mowry Silver Mining Co., dated December 16, 1886, and recorded in Book 6 of Mining Deeds, page 358 of the official records of Pinal County, containing 14.35 acres more or less.

18. PARCEL NO. 18:

The Bilk patented lode mining claim, Lot No. 45, embracing a portion of Section 24, Township 1 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 23791 from the United States of America to Mowry Silver Mining Co., dated January 4, 1894, and recorded in Book 6 of Mining Deeds, page 361 of the official records of Pinal County, containing 13.665 acres, more or less.

EXCEPT "that portion of the ground hereinbefore described, embraced in said mining claim in lot No. 44, and also all that portion of said Bilk vein or lode, . . ."

19. PARCEL NO. 19:

The Silver and Copper Pocket, Queen No. 2, Silver Tip, and Blackfoot patented lode mining claims, Mineral Survey No. 2144, embracing a portion of Section 25 and 36, Township 1 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 44500 from the United States of America to Joseph Cope, dated November 13, 1906, and

recorded in Book 23, of Mining Deeds, page 199 of the official records of Pinal County, Arizona containing 80.457 acres, more or less.

20. PARCEL NO. 20:

The Sunnyside, Caldonia, Republic, Golden Eagle, Skyward, New Calumet, Excelsior, Golden Eagle Extension, and Gold Crown patented lode mining claims, Mineral Survey No. 2860, embracing a portion of Sections 35, and 36, Township 1 South, Range 12 East, and Section 2, Township 2 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 335073 from the United States of America to Lake Superior and Arizona Mining & Smelting Co., dated May 20, 1913, and recorded in Book 1-A of Mining Deeds, page 178 of the official records of Pinal County, comprising 136.336 acres, more or less.

EXCEPT "all that portion of the ground hereinbefore described, embraced in said mining claims or Surveys Nos. 342, 350 and 2144, said Lots Nos. 37 and 38; and said Monarch Gold Crown No. 2, and Shark lode claims, unsurveyed, . . ."

21. PARCEL NO. 21:

The Square Deal patented lode mining claim, Mineral Survey No. 2860, embracing a portion of Section 2, Township 2 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 893409 from the United States of America to Magma Copper Co., dated January 19, 1923, and recorded in Book 4 of Mining Deeds, pages 105 of the official records of Pinal County, containing 18.397 acres, more or less.

EXCEPT "any portion lying Westerly of the Westerly line of highway as shown on Plat of Square Deal Subdivision."

22. PARCEL NO. 22:

The San Francisco, Rain Cloud, Oakland, and Oversight patented lode mining claims, Mineral Survey No. 2930A, embracing a portion of Section 35, Township 1 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 375319 from the United States of America to Queen Copper Mining Co., dated September 16, 1914, and recorded in Book 1-A of Mining Deeds, page 221 of the official records of Pinal County, containing 79.118 acres, more or less.

EXCEPT "all that portion of the ground hereinbefore described, embraced in said Sunnyside lode claim Survey No. 2860 . . ."

23. PARCEL NO. 23:

The Shark, Monarch, Reddy Pay, Jumbo, Fraction, Oversight No. 1 and Oversight No. 3 patented lode mining claims, Mineral Survey No. 2994, embracing a portion of Section 36, Township 1 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 397044 from the United States of America to Magma Copper Co..

dated April 8, 1914, and recorded in Book 1-A of Mining Deeds, page 245 of the official records of Pinal County, containing 79.248 acres, more or less.

EXCEPT "all that portion of the ground, hereinbefore described, embraced in said Queen No. 2 and Silver and Copper Pocket lode claims, Survey No. 2144 and said Caledonia and Republic lode claims, Survey No. 2860, . . ."

24. PARCEL NO. 24:

The Selma and Skiberean patented lode mining claims, Mineral Survey No. 2837, embracing a portion of Sections 1 and 12, Township 2 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 413338 from the United States of America to Consolidated Holding and Trust Co., dated June 12, 1914, and recorded in Book 2 of Mining Deeds, page 306 of the official records of Pinal County, containing 29.608 acres, more or less.

25. PARCEL NO. 25:

The Sacramento patented lode mining claim and the Queen Annex patented millsite, Mineral Survey Nos. 2930A and 2930B, embracing a portion of Section 35, Township 1 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 431461 from the United States of America to Queen Copper Mining Co., dated September 16, 1914, and recorded in Book 1-A of Mining Deeds, page 288 of the official records of Pinal County, such mining claim containing 10.07 acres and such millsite containing 4.995 acres, more or less.

EXCEPT "all that portion of the ground hereinbefore described, embraced in said Oakland and San Francisco lode claims Survey No. 2930 A, and also all that portion of the Sacramento vein or lode, . . ."

26. PARCEL NO. 26:

The Queen Fraction patented lode mining claim, Mineral Survey No. 2930A, embracing a portion of Section 35, Township 1 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 431460 from the United States of America to Queen Copper Mining Co., dated September 16, 1914, and recorded in Book 1-A of Mining Deeds, page 286 of the official records of Pinal County, containing 6.747 acres, more or less.

EXCEPT "all that portion of the ground hereinbefore described, embraced in said Oakland lode claim Survey No. 2930 A, . . ."

27. PARCEL NO. 27:

The David Harum, Interloper, Virginian and Taft patented lode mining claims, Mineral Survey No. 3106, embracing a portion of Section 2, Township 2 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 524455 from the United States of America to William A. Davidson, dated March 13, 1916, and recorded in Book 2 of

Mining Deeds, pages 285-287 of the official records of Pinal County, Arizona containing 67.908 acres, more or less.

EXCEPT "all that portion of the ground hereinbefore described, embraced in said mining claim or Lot No. 38 and said Gold Crown No. 2 lode claim, unsurveyed, . . ."

28. PARCEL NO. 28:

The Silverside patented lode mining claim, Mineral Survey No. 2929, embracing a portion of Section 26, Township 1 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 330214 from the United States of America to Queen Copper Mining Co., dated May 2, 1913, and recorded in Book 1A of Mining Deeds, page 168 of the official records of Pinal County, containing 19.449 acres, more or less.

29. PARCEL NO. 29:

The Silver Tip Extension, Oversight No. 1, Shark, Reddy Pay, Jumbo and Monarch patented millsites, Mineral Survey No. 3144, embracing a portion of Section 35, Township 1 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 562248 from the United States of America to Magma Copper Co., dated January 18, 1917, and recorded in Book 2 of Mining Deeds, page 324 of the official records of Pinal County, containing 26.414 acres, more or less.

EXCEPT "all that portion of the ground hereinbefore described, embraced in said mining claim or Survey No. 2930A, . . ."

30. PARCEL NO. 30:

The Lone Star patented lode mining claim, Mineral Survey No. 3096, embracing a portion of Section 11, Township 2 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 627987 from the United States of America to Consolidated Holding and Trust Co. & The Calumet and Arizona Mining Co., and Frank Snyder, dated April 29, 1918, and recorded in Book 3 of Mining Deeds, page 81 of the official records of Pinal County, containing 18.818 acres, more or less.

31. PARCEL NO. 31:

The Panic patented lode mining claim, Mineral Survey No. 2836, embracing a portion of Section 2, Township 2 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 633038 from the United States of America to Consolidated Holding and Trust Co., dated June 4, 1918, and recorded in Book 4 of Mining Deeds, page 174 of the official records of Pinal County, containing 18.131 acres, more or less.

32. PARCEL NO. 32:

The Iron Cap and Mountain View patented lode mining claims, Mineral Survey No. 3094, embracing a portion of Section 12, Township 2 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 631620 from the United States of America to Consolidated Holding and Trust Co. & The Calumet and Arizona Mining Co., dated May 24, 1918, and recorded in Book 3 of Mining Deeds, page 86 of the official records of Pinal County, Arizona, containing 37.636 acres, more or less.

33. PARCEL NO. 33:

The Hillside, Monte Carlo, Touch Not, Touch Not No. 3, Rawhide and Belmont patented lode mining claims, Mineral Survey No. 2838, embracing a portion of Sections 1 and 12, Township 2 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 658231 from the United States of America to Consolidated Holding and Trust Co., dated January 10, 1919, and recorded in Book 3 of Mining Deeds, page 219 of the official records of Pinal County, comprising 113.998 acres.

34. PARCEL NO. 34:

The Pacific No. 1, Pacific No. 7, Pacific No. 13, Pacific No. 19, Pacific No. 25, Pacific No. 32 and Grand patented lode mining claims, Mineral Survey No. 3581, embracing a portion of Sections 12, Township 2 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 838255 from the United States of America to Grand Pacific Mining Co., dated December 21, 1921, and recorded in Book 3 of Mining Deeds, page 561 of the official records of Pinal County, comprising 123.454 acres, more or less.

35. PARCEL NO. 35:

The Gerald Cansler patented lode mining claim, Mineral Survey No. 3483, embracing a portion of Section 26, Township 1 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 857949 from the United States of America to Magma Chief Copper Co., dated April 6, 1922, and recorded in Book 5 of Mining Deeds, page 36 of the official records of Pinal County, comprising 20.452 acres, more or less.

36. PARCEL NO. 36:

The Silver Tip Extension and Horse Shoe patented lode mining claims, Mineral Survey No. 2995, embracing a portion of Sections 25 and 36, Township 1 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 867990 from the United States of America to Magma Copper Co., dated June 14, 1922, and recorded in Book 4 of Mining Deeds, page 15, of the official records of Pinal County, comprising 40.966 acres, more or less.

37. PARCEL NO. 37:

The Long Wedge, Picket Post, Palace, Watson and Tuna patented lode mining claims, Mineral Survey No. 3482, embracing a portion of Sections 25 and 26, Township 1 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 876071 from the United States of America to Magma Chief Copper Co., dated August 14, 1922, and recorded in Book 5 of Mining Deeds, page 32 of the official records of Pinal County, comprising 84.77 acres, more or less.

38. PARCEL NO. 38:

The Maine #1, Maine #2, Maine #3, Gold Crown #1 and Gold Crown #2 patented lode mining claims, Mineral Survey No. 3669A, embracing a portion of Section 2, Township 2 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 982602 from the United States of America to Queen Creek Copper Co., dated July 22, 1926, and recorded in Book 5 of Mining Deeds, page 26 of the official records of Pinal County, comprising 79.55 acres, more or less.

EXCEPT "all that portion of the ground hereinbefore described, embraced in said Golden Eagle Extension lode claim Survey No. 2860; said Interloper lode claim Survey No. 3106; and that portion of said Gold Crown lode claim Survey No. 2860 designated as Tracts A and B, hereinafter described; beginning for the description of Tract "A" at corner No. 1 of said Maine #2 lode claim; thence north sixty-six degrees forty-nine minutes east ten and thirty-one-hundredths feet, thence south sixteen degrees twenty-six minutes east fifty-five and twenty-four-hundredths feet, thence south seventy-seven degrees forty-eight minutes west eighty-two-hundredths of a foot, thence north twenty-six degrees twenty minutes west fifty-four and seventy-nine-hundredths feet to the place of beginning; beginning for the description of Tract "B" at corner No. 1 of said Maine #2 lode claim, thence south twenty-six degrees twenty minutes east fifty-four and seventy-nine-hundredths feet, thence south seventy-seven degrees forty-eight minutes west two hundred eight-seven and twelve-hundredths feet, thence north sixty-six degrees forty-nine minutes east two hundred seventy-eight and eighty-seven-hundredths feet to the place of beginning; . . ."

39. PARCEL NO. 39:

The Overlook patented lode mining claim, Mineral Survey No. 4092, embracing a portion of Section 35, Township 1 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 1039436 from the United States of America to Magma Copper Co., dated August 6, 1930, and recorded in Book 5 of Mining Deeds, page 359 of the official records of Pinal County, comprising 20.638 acres, more or less.

40. PARCEL NO. 40:

The Silver Tip Extension No. 1 patented lode mining claim, Mineral Survey No. 4093, embracing a portion of Section 25, Township 1 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 1039437 from the United States

of America to Magma Copper Co., dated August 6, 1930, and recorded in Book 5 of Mining Deeds, page 357 of the official records of Pinal County, comprising 20.388 acres, more or less.

41. PARCEL NO. 41:

The Elm No. 1, Elm, Hard Rock No. 10, San Francisco, Queen Fraction, Oversight, New Calumet, Excelsior, Gold Crown, Golden Eagle Extension, Caledonia, Safety, Republic, Skyward, Oak No. 12, Aldridge, Hard Rock No. 8, Hard Rock No. 9, Windsor, Golden Eagle, Sacramento, Rain Cloud patented millsites, Mineral Survey No. 4095, embracing a portion of Sections 34 and 35, Township 1 South, Range 12 East, and Section 3, Township 2 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 1042131 from the United States of America to Magma Copper Co., dated November 18, 1930, and recorded in Book 5 of Mining Deeds, page 378 of the official records of Pinal County, comprising 106.849 acres, more or less.

42. PARCEL NO. 42:

The Yellow Coat, Florence Adams, North Queen, Black Rock and Baltic patented lode mining claims, Mineral Survey No. 4149, embracing a portion of Section 25, Township 1 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 10962423 from the United States of America to Magma Copper Co., dated March 30, 1933, and recorded in Book 52, page 135 of the official records of Pinal County, comprising 69.191 acres, more or less.

EXCEPT "all that portion of the ground hereinbefore described, embraced in said mining claims or Surveys Nos. 350 and 2929; and Watson, Picket Post, Palace and Tuna lode claims Survey No. 3484; and said Blackfoot lode claim Survey No. 2144 ..."

43. PARCEL NO. 43:

The Spring patented lode mining claim, Mineral Survey No. 4150, embracing a portion of Section 36, Township 1 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 1062846 from the United States of America to Magma Copper Co., dated April 11, 1933, and recorded in Book 52, page 159 of the official records of Pinal County, comprising 15.894 acres, more or less.

44. PARCEL NO. 44:

The Irene, Silver Tip, Surpriser No. 2, Silver and Copper Pocket, Oakland, Square Deal, Overlook, Horse Shoe and Fraction patented millsites, Mineral Survey No. 4152, embracing a portion of Section 35, Township 1 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 1077084 from the United States of America to Magma Copper Co., dated July 29, 1935, and recorded in Book 6 of Mining Deeds, page 103 of the official records of Pinal County, comprising 42.779 acres, more or less; but excluding any portion that overlaps any property within the town of Superior city limits as of March 1, 2004.

45. PARCEL NO. 45:

The Horseshoe No. 1, Horseshoe No. 2 and Silver Tip Extension No. 2 patented lode mining claims, Mineral Survey No. 4231, embracing a portion of Sections 25 and 36, Township 1 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 1114857 from the United States of America to Magma Copper Co., dated October 8, 1942, and recorded in Book 6 of Mining Deeds, page 520 of the official records of Pinal County, comprising 49.828 acres, more or less.

EXCEPT "all that portion of the ground hereinbefore described, embraced in said mining claims or Surveys Nos. 4150 and 4093; and said Silver Tip Extension No. 1 lode claim, Survey No. 2995, . . ."

46. PARCEL NO. 46:

The Lake Erie No. 3 and Lake Erie No. 4 patented lode mining claims, Mineral Survey No. 4235, embracing a portion of Section 36, Township 1 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 1119466 from the United States of America to Magma Copper Co., dated February 14, 1945, and recorded in Book 7 of Mining Deeds, page 11 of the official records of Pinal County, comprising 32.211 acres, more or less.

EXCEPT "all that portion of the ground hereinbefore described, embraced in said mining claim or Survey No. 2994 and said Silver and Copper Pocket lode claim, Survey No. 2144, . . ."

47. PARCEL NO. 47:

The Happy Hunch and Magma Extension patented lode mining claims, Mineral Survey No. 4499A, and the Happy Hunch and Magma Extension patented millsites, Mineral Survey No. 4499B, embracing a portion of Sections 34 and 35, Township 1 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 02-62-0113 from the United States of America to Magma Copper Co., dated June 1, 1962, and recorded in Docket 326, page 418 of the official records of Pinal County, such mining claims comprising 28.717 acres, more or less, and such millsites comprising 7.145 acres, more or less.

EXCEPT "all of that portion of ground within the boundaries of the Sacramento and Oakland mining claims, Survey No. 2930A; . . ."

48. PARCEL NO. 48:

The Elm, Elm No. 1, Elm No. 2 and Red Cloud patented lode mining claims, Mineral Survey Nos. 4500 and 4500A, embracing portions of Section 2 of Township 2 South, Range 12 East and Section 36, Township 1 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 02-63-0087 from the United States of America to Magma Copper Co., dated February 15, 1963, and recorded in Docket 345, page 82 of the official records of Pinal County, comprising 37.72 acres, more or less.

EXCEPT "all of that portion of ground within the boundaries of the Excelsior lode claim, Survey No. 2860; the Golden Eagle Extension lode claim, Survey No. 2860; and the Main #2 lode claim, Survey 3669A; . . ."

49. PARCEL NO. 49:

The Magma, Magma No. 1 and Lake Erie No. 8 patented lode mining claims, Mineral Survey No. 4502, embracing a portion of Section 36 of Township 1 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 02-63-0007 from the United States of America to Magma Copper Co., dated July 13, 1962, and recorded in Docket 329, page 551 of the official records of Pinal County, comprising 60.681 acres, more or less.

50. PARCEL NO. 50:

The Ash No. 2, Ash No. 3, Blackfoot No. 4, "Life Saver." Horseshoe No. 3, New Lake, Oak, Oak No. 2, Silver Tip Extension No. 3, Whitefoot No. 1, White Foot No. 2 and White-Foot No. 3 patented lode mining claims, Mineral Survey No. 4633, embracing portions of Sections 25 and 36 of Township 1 South, Range 12 East, and Sections 30 and 31, Township 1 South, Range 13 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 02-68-0020 from the United States of America to Magma Copper Co., dated September 29, 1967, and recorded in Docket 518, page 934, of the official records of Pinal County, comprising 200.88 acres, more or less.

EXCEPT "all of those portions of ground within the boundaries of the Spring lode claim, Survey No. 4150, Horseshoe No. 2 lode claim, Survey No. 4231, Magma and Magma No. 1 lode claims, Survey No. 4502 . . ."

51. PARCEL NO. 51:

The East No. 1, East No. 2, East No. 6, East No. 7, East No. 11, East No. 12 and East No. 13 patented lode mining claims, Mineral Survey No. 4674, embracing portions of Sections 29 and 32, Township 1 South, Range 13 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 02-70-0081 from the United States of America to Magma Copper Co., dated May 4, 1970, and recorded in Docket 598, page 498 of the official records of Pinal County, comprising 139.404 acres, more or less.

52. PARCEL NO. 52:

The Blackfoot No. 2 and Blackfoot No. 3 patented lode mining claims, Mineral Survey No. 4501, embracing a portion of Section 25, Township 1 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 02-63-0006 from the United States of America to Magma Copper Co., dated July 13, 1962, and recorded in Docket 329, page 540 of the official records of Pinal County, comprising 40.939 acres, more or less.

53. PARCEL NO. 53:

The Oak No. 4, Oak No. 7, Oak No. 14, Oak No. 16 and Oak No. 17 patented lode mining claims, Mineral Survey Nos. 4633 and 4797, embracing portions of Sections 31 and 32, Township 1 South, Range 13 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 02-96-0027 from the United States of America to Magma Copper Co., dated September 10, 1996, and recorded as Document Fee No. 1996-032585 of the official records of Pinal County, comprising 99.96 acres, more or less.

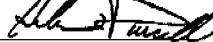
EXCEPT "all of that portion of the ground within the boundaries of the East No. 1 lode claim, Mineral Survey Number 4674 exclusive of its conflict with Oak No. 4 lode claim, East No. 2 lode claim, Mineral Survey Number 4674 and East No. 3 lode claim, Mineral Survey Number 4674; ..."

20040973524
OFFICIAL RECORDS OF
MARICOPA COUNTY RECORDER
HELEN PURCELL



The foregoing instrument is
a full, true and correct
copy of the original record
in this office.

Attest: 01/27/2005 2:14:24 PM

By  Recorder

AFFIDAVIT OF PROPERTY



OFFICIAL RECORDS OF
MARICOPA COUNTY RECORDER
HELEN PURCELL
2004-0973524 08/20/04 16:06

1. ASSESSOR'S PARCEL IDENTIFICATION NUMBER(s)
Primary Parcel: 105-02-001-A
BOOK MAP PARCEL SPLIT LETTER
Does this sale include any parcels that are being split / divided?
Check one: Yes ☐ No ☒
How many parcels, other than the Primary Parcel, are included in this sale? 48
Please list the additional parcels below (no more than four):
(1) 105-15-002 (3) 105-03-023
(2) 105-15-001 (4) 106-06-002

9. F
(a) C
(b) D
(c) D
(d) F
Validated
(e) AS
ASS ** AFFIDAVIT ** RE1729
Verify Pri.
Use Code: Full Cash Value: \$

2. SELLER'S NAME AND ADDRESS:
BHP Copper Inc.
1360 Post Oak Blvd.
Houston, TX 77056-3020
3. (a) BUYER'S NAME AND ADDRESS:
Resolution Copper Mining LLC
2525 East Arizona Biltmore Cir.
Ste C-135, Phoenix, AZ 85016
(b) Are the Buyer and Seller related? Yes X No
If Yes, state relationship: LLC Member/LLC

4. ADDRESS OF PROPERTY:
N/A

5. MAIL TAX BILL TO:
Resolution Copper Mining LLC
2525 East Arizona Biltmore Cir.
Ste C-135, Phoenix, AZ 85016

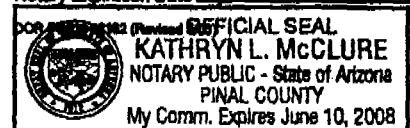
6. PROPERTY TYPE (for Primary Parcel): NOTE: Check Only One Box
a. ☐ Vacant Land f. ☐ Commercial or Industrial Use
b. ☐ Single Family Residence g. ☐ Agricultural
c. ☐ Condo or Townhouse h. ☐ Mobile or Manufactured Home
d. ☐ 2-4 Plex i. ☒ Other Use; Specify: Mining
e. ☐ Apartment Building

7. RESIDENTIAL BUYER'S USE: If you checked b, c, d or h in item 6 above, please check one of the following:
☐ To be occupied by owner or "family member." ☐ To be rented to someone other than "family member."
See reverse side for definition of a "family member."

8. NUMBER OF UNITS:
For Apartment Properties, Motels, Hotels, Mobile Home Parks, RV Parks, Mini-Storage Properties, etc.

THE UNDERSIGNED BEING DULY SWORN, ON OATH, SAYS THAT THE FOREGOING INFORMATION IS A TRUE AND CORRECT STATEMENT OF THE FACTS PERTAINING TO THE TRANSFER OF THE ABOVE DESCRIBED PROPERTY.

Signature of Seller/Agent
State of Arizona County of Pinal
Subscribed and sworn to before me on this 12 day of August 2004
Notary Public: Kathryn L. McClure
Notary Expiration Date: 10-10-08



10. TYPE OF DEED OR INSTRUMENT (Check Only One Box):
a. ☐ Warranty Deed d. ☐ Contract or Agreement
b. ☒ Special Warranty Deed e. ☐ Quit Claim Deed
c. ☐ Joint Tenancy Deed f. ☐ Other:

11. SALE PRICE: \$ N/A 00

12. DATE OF SALE (Numeric Digits): 05/04
Month Year
(For example: 03/05 for March 2005)

13. DOWN PAYMENT: \$ N/A 00

14. METHOD OF FINANCING:
a. ☐ Cash (100% of Sale Price)
b. ☐ Exchange or trade
c. ☐ Assumption of existing loan(s)
d. ☐ Seller Loan (Carryback)
e. ☐ New loan(s) from financial institution:
(1) ☐ Conventional
(2) ☐ VA
(3) ☐ FHA
f. ☒ Other financing; Specify: Exchange for LLC

15. PERSONAL PROPERTY (see reverse side for definition):
(a) Did the Sale Price in item #11 include Personal Property that impacted the Sale Price by 5% or more? Yes No N/A
(b) If Yes, provide the dollar amount of the Personal Property:
\$ 00 AND

briefly describe the Personal Property:

16. PARTIAL INTEREST: If only a partial ownership interest is being sold, briefly describe the partial interest:

17. PARTY COMPLETING AFFIDAVIT (Name, Address, Phone):
Resolution Copper Mining LLC
See above
Phone (602) 956-0223

18. LEGAL DESCRIPTION (attach copy if necessary):
See Attached Exhibit A.

Signature of Buyer/Agent
State of ARIZONA County of MARICOPA
Subscribed and sworn to before me on this 18 day of August 2004
Notary Public: JM
Notary Expiration Date: 09/09/07

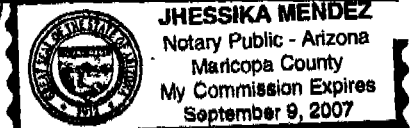


Exhibit A**to AFFIDAVIT OF PROPERTY VALUE
submitted by BHP COPPER INC and RESOLUTION COPPER MINING LLC**

The following described real property consisting of fee lands and patented mining claims and millsites situated in Pinal County, Arizona, and more particularly described as follows:

1. PARCEL NO. 1:

Lot 10 of Section 25, Township 1 South, Range 12 East, G&SR Mer., patented under Patent No. 02-73-0048, dated March 27, 1973, containing 15.78 acres, more or less.

2. PARCEL NO. 2:

Lots 9, 10, 11, 15 and 16 of Section 26, Township 1 South, Range 12 East, G&SR Mer., patented under Patent No. 02-73-0048, dated March 27, 1973, containing 233.01 acres, more or less.

3. PARCEL NO. 3:

The Southeast Quarter of Section 27, Township 1 South, Range 12 East, G&SR Mer., patented under Patent No. 02-73-0048, dated March 27, 1973, containing 160.00 acres, more or less.

4. PARCEL NO. 4:

Lot 1, the Northwest Quarter of the Southeast Quarter (NW $\frac{1}{4}$ SE $\frac{1}{4}$), the West Half of the Southwest Quarter of the Southeast Quarter (W $\frac{1}{2}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$), the North Half of the Northeast Quarter (N $\frac{1}{2}$ NE $\frac{1}{4}$) and the Southwest Quarter of the Northeast Quarter (SW $\frac{1}{4}$ NE $\frac{1}{4}$) of Section 34, Township 1 South, Range 12 East, G&SR Mer., patented under Patent No. 02-73-0048, dated March 27, 1973, containing 211.85 acres, more or less.

5. PARCEL NO. 5:

The Northeast Quarter of the Southeast Quarter (NE $\frac{1}{4}$ SE $\frac{1}{4}$), the West Half of the Southeast Quarter of the Southeast Quarter (W $\frac{1}{2}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$), the East Half of the Southwest Quarter of the Southeast Quarter (E $\frac{1}{2}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$) of Section 34, Township 1 South, Range 12 East, G&SR Mer., patented under Patent No. 1038030, dated June 6, 1930, containing 80 acres, more or less.

6. PARCEL NO. 6:

Lots 12, 13, 14, 15 and the North half of the Northwest of the Southwest of Section 35, Township 1 South, Range 12 East, G&SR Mer., patented under Patent No. 1038030, dated June 6, 1930, containing 90.82 acres, more or less.

EXCEPT "any portion of Lot 15 lying Easterly of the Easterly Line of Porphyry Street as described in Docket 1559, Page 191."

7. PARCEL NO. 7:

Lots 2, 3, 11, and 17 of Section 35, Township 1 South, Range 12 East, G&SR Mer., patented under Patent No. 02-73-0048, dated March 27, 1973, containing 58.47 acres, more or less.

8. PARCEL NO. 8:

Lots 5, 7, 8 and 9 of Section 36, Township 1 South, Range 12 East, G&SR Mer., patented under Patent No. 02-73-0048, dated March 27, 1973, containing 70.79 acres, more or less.

9. PARCEL NO. 9:

Lot 9 of Section 2, Township 2 South, Range 12 East, G&SR Mer., patented under Patent No. 02-73-0048, dated March 27, 1973, containing 1.64 acres, more or less.

10. PARCEL NO. 10:

Lot 21 of Section 3, Township 2 South, Range 12 East, G&SR Mer., patented under Patent No. 02-73-0048, dated March 27, 1973, containing 18.01 acres, more or less.

EXCEPT "any portion lying Southerly of the Northerly line of Main Street (old highway 60)."

11. PARCEL NO. 11:

Lots 8 and 9 of Section 3, Township 2 South, Range 12 East, G&SR Mer., patented under Patent No. 1038030, dated June 6, 1930, containing 35.33 acres, more or less.

EXCEPT "any portion lying Southerly of the Northerly line of Main Street (old highway 60)."

12. PARCEL NO. 12:

The North Half of the Northeast Quarter ($N\frac{1}{2}NE\frac{1}{4}$), and the North Half of the South Half of the Northeast Quarter ($N\frac{1}{2}S\frac{1}{2}NE\frac{1}{4}$) of Section 4, Township 2 South, Range 12 East, G&SR Mer., patented under Patent No. 1038030, dated June 6, 1930, containing 120 acres, more or less.

EXCEPT "all that portion of the surface only to a depth of 40 feet of the East Half of Section 4, Township 2 South, Range 12 East of the Gila and Salt River Base and Meridian, Pinal County, Arizona, described as follows:

BEGINNING at the center quarter of said Section 4;

THENCE North 00 degrees 36 minutes 58 seconds West along the West line of said East half, 1205.62 feet to the Southerly line of the BHP ARIZONA RAILROAD COMPANY right-of-way;

THENCE along said Southerly line the following four courses:

- (1) along a non-tangent curve, the center of which bears North 42 degrees 19 minutes 01 seconds West, having a radius of 528.50 feet, through a central angle of 35 degrees 47 minutes 49 seconds and arc distance of 330.19 feet;
- (2) North 11 degrees 53 minutes 10 seconds East, 172.82 feet;
- (3) along a tangent curve, concave to the South, having a radius of 358.50 feet, through a central angle of 108 degrees 29 minutes 33 seconds an arc distance of 678.84 feet;
- (4) South 59 degrees 37 minutes 17 seconds East, 671.26 feet to the East line of the West half of the Northeast quarter of said Section 4;

THENCE South 00 degrees 34 minutes 55 seconds East, along said East line, 1069.41 feet to a point on the North line of property described in Warranty Deed, recorded in Docket 1709, Page 240, Pinal County Records;

THENCE South 89 degrees 18 minutes 32 seconds West, 327.80 feet to the Northwest corner of property described in said Warranty Deed;

THENCE South 00 degrees 35 minutes 26 seconds East, 431.35 feet to a point on the Northerly right-of-way line of U.S. 60 & 70;

THENCE South 80 degrees 39 minutes 39 seconds West, along said Northerly right-of-way line, 994.71 feet to the West line of said East half;

THENCE North 00 degrees 36 minutes 58 seconds West, 113.49 feet to the POINT OF BEGINNING."

13. PARCEL NO. 13:

The Surprisor No. 2 patented lode mining claim, Lot No. 38, embracing a portion of Section 2, Township 2 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 6258 from the United States of America to Charles L. Hastings, dated July 31, 1882, and recorded as Fee No. 1999-027022 of the official records of Pinal County, comprising 18.32 acres, more or less.

14. PARCEL NO. 14:

The Windsor patented lode mining claim, Lot No. 37, embracing a portion of Section 35, Township 1 South, Range 12 East, G&SR Mer., a more particular description of which is set

forth in Mineral Patent No. 6257 from the United States of America to Charles L. Hastings, dated July 31, 1882, and recorded as Fee No. 1999-027023 of the official records of Pinal County, containing 19.08 acres more or less.

15. PARCEL NO. 15:

The Hub patented lode mining claim, Lot No. 41, embracing a portion of Section 36, Township 1 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 9362 from the United States of America to Silver Queen Mining Co., dated June 2, 1884, and recorded in Book 19 of Mining Deeds, page 159 of the official records of Pinal County, containing 10.16 acres more or less.

16. PARCEL NO. 16:

The Irene patented lode mining claim, Lot No. 42, embracing a portion of Section 35, Township 1 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 10228 from the United States of America to Silver Queen Mining Co., dated October 21, 1885, and recorded in Book 19 of Mining Deeds, page 165 of the official records of Pinal County, containing 20.66 acres more or less.

17. PARCEL NO. 17:

The Mowry patented lode mining claim, Lot No. 44, embracing a portion of Section 23, Township 1 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 11374 from the United States of America to Mowry Silver Mining Co., dated December 16, 1886, and recorded in Book 6 of Mining Deeds, page 358 of the official records of Pinal County, containing 14.35 acres more or less.

18. PARCEL NO. 18:

The Bilk patented lode mining claim, Lot No. 45, embracing a portion of Section 24, Township 1 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 23791 from the United States of America to Mowry Silver Mining Co., dated January 4, 1894, and recorded in Book 6 of Mining Deeds, page 361 of the official records of Pinal County, containing 13.665 acres, more or less.

EXCEPT "that portion of the ground hereinbefore described, embraced in said mining claim in lot No. 44, and also all that portion of said Bilk vein or lode, . . ."

19. PARCEL NO. 19:

The Silver and Copper Pocket, Queen No. 2, Silver Tip, and Blackfoot patented lode mining claims, Mineral Survey No. 2144, embracing a portion of Section 25 and 36, Township 1 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 44500 from the United States of America to Joseph Cope, dated November 13, 1906, and

recorded in Book 23, of Mining Deeds, page 199 of the official records of Pinal County, Arizona containing 80.457 acres, more or less.

20. PARCEL NO. 20:

The Sunnyside, Caldonia, Republic, Golden Eagle, Skyward, New Calumet, Excelsior, Golden Eagle Extension, and Gold Crown patented lode mining claims, Mineral Survey No. 2860, embracing a portion of Sections 35, and 36, Township 1 South, Range 12 East, and Section 2, Township 2 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 335073 from the United States of America to Lake Superior and Arizona Mining & Smelting Co., dated May 20, 1913, and recorded in Book 1-A of Mining Deeds, page 178 of the official records of Pinal County, comprising 136.336 acres, more or less.

EXCEPT "all that portion of the ground hereinbefore described, embraced in said mining claims or Surveys Nos. 342, 350 and 2144, said Lots Nos. 37 and 38; and said Monarch, Gold Crown No. 2, and Shark lode claims, unsurveyed, . . ."

21. PARCEL NO. 21:

The Square Deal patented lode mining claim, Mineral Survey No. 2860, embracing a portion of Section 2, Township 2 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 893409 from the United States of America to Magma Copper Co., dated January 19, 1923, and recorded in Book 4 of Mining Deeds, pages 105 of the official records of Pinal County, containing 18.397 acres, more or less.

EXCEPT "any portion lying Westerly of the Westerly line of highway as shown on Plat of Square Deal Subdivision."

22. PARCEL NO. 22:

The San Francisco, Rain Cloud, Oakland, and Oversight patented lode mining claims, Mineral Survey No. 2930A, embracing a portion of Section 35, Township 1 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 375319 from the United States of America to Queen Copper Mining Co., dated September 16, 1914, and recorded in Book 1-A of Mining Deeds, page 221 of the official records of Pinal County, containing 79.118 acres, more or less.

EXCEPT "all that portion of the ground hereinbefore described, embraced in said Sunnyside lode claim Survey No. 2860 . . ."

23. PARCEL NO. 23:

The Shark, Monarch, Reddy Pay, Jumbo, Fraction, Oversight No. 1 and Oversight No. 3 patented lode mining claims, Mineral Survey No. 2994, embracing a portion of Section 36, Township 1 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 397044 from the United States of America to Magma Copper Co.,

dated April 8, 1914, and recorded in Book 1-A of Mining Deeds, page 245 of the official records of Pinal County, containing 79.248 acres, more or less.

EXCEPT "all that portion of the ground, hereinbefore described, embraced in said Queen No. 2 and Silver and Copper Pocket lode claims, Survey No. 2144 and said Caledonia and Republic lode claims, Survey No. 2860, . . ."

24. PARCEL NO. 24:

The Selma and Skiberean patented lode mining claims, Mineral Survey No. 2837, embracing a portion of Sections 1 and 12, Township 2 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 413338 from the United States of America to Consolidated Holding and Trust Co., dated June 12, 1914, and recorded in Book 2 of Mining Deeds, page 306 of the official records of Pinal County, containing 29.608 acres, more or less.

25. PARCEL NO. 25:

The Sacramento patented lode mining claim and the Queen Annex patented millsite, Mineral Survey Nos. 2930A and 2930B, embracing a portion of Section 35, Township 1 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 431461 from the United States of America to Queen Copper Mining Co., dated September 16, 1914, and recorded in Book 1-A of Mining Deeds, page 288 of the official records of Pinal County, such mining claim containing 10.07 acres and such millsite containing 4.995 acres, more or less.

EXCEPT "all that portion of the ground hereinbefore described, embraced in said Oakland and San Francisco lode claims Survey No. 2930 A, and also all that portion of the Sacramento vein or lode, . . ."

26. PARCEL NO. 26:

The Queen Fraction patented lode mining claim, Mineral Survey No. 2930A, embracing a portion of Section 35, Township 1 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 431460 from the United States of America to Queen Copper Mining Co., dated September 16, 1914, and recorded in Book 1-A of Mining Deeds, page 286 of the official records of Pinal County, containing 6.747 acres, more or less.

EXCEPT "all that portion of the ground hereinbefore described, embraced in said Oakland lode claim Survey No. 2930 A, . . ."

27. PARCEL NO. 27:

The David Harum, Interloper, Virginian and Taft patented lode mining claims, Mineral Survey No. 3106, embracing a portion of Section 2, Township 2 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 524455 from the United States of America to William A. Davidson, dated March 13, 1916, and recorded in Book 2 of

Mining Deeds, pages 285-287 of the official records of Pinal County, Arizona containing 67.908 acres, more or less.

EXCEPT "all that portion of the ground hereinbefore described, embraced in said mining claim or Lot No. 38 and said Gold Crown No. 2 lode claim, unsurveyed, . . ."

28. PARCEL NO. 28:

The Silverside patented lode mining claim, Mineral Survey No. 2929, embracing a portion of Section 26, Township 1 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 330214 from the United States of America to Queen Copper Mining Co., dated May 2, 1913, and recorded in Book 1A of Mining Deeds, page 168 of the official records of Pinal County, containing 19.449 acres, more or less.

29. PARCEL NO. 29:

The Silver Tip Extension, Oversight No. 1, Shark, Reddy Pay, Jumbo and Monarch patented millsites, Mineral Survey No. 3144, embracing a portion of Section 35, Township 1 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 562248 from the United States of America to Magma Copper Co., dated January 18, 1917, and recorded in Book 2 of Mining Deeds, page 324 of the official records of Pinal County, containing 26.414 acres, more or less.

EXCEPT "all that portion of the ground hereinbefore described, embraced in said mining claim or Survey No. 2930A, . . ."

30. PARCEL NO. 30:

The Lone Star patented lode mining claim, Mineral Survey No. 3096, embracing a portion of Section 11, Township 2 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 627987 from the United States of America to Consolidated Holding and Trust Co. & The Calumet and Arizona Mining Co., and Frank Snyder, dated April 29, 1918, and recorded in Book 3 of Mining Deeds, page 81 of the official records of Pinal County, containing 18.818 acres, more or less.

31. PARCEL NO. 31:

The Panic patented lode mining claim, Mineral Survey No. 2836, embracing a portion of Section 2, Township 2 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 633038 from the United States of America to Consolidated Holding and Trust Co., dated June 4, 1918, and recorded in Book 4 of Mining Deeds, page 174 of the official records of Pinal County, containing 18.131 acres, more or less.

32. PARCEL NO. 32:

The Iron Cap and Mountain View patented lode mining claims, Mineral Survey No. 3094, embracing a portion of Section 12, Township 2 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 631620 from the United States of America to Consolidated Holding and Trust Co. & The Calumet and Arizona Mining Co., dated May 24, 1918, and recorded in Book 3 of Mining Deeds, page 86 of the official records of Pinal County, Arizona, containing 37.636 acres, more or less.

33. PARCEL NO. 33:

The Hillside, Monte Carlo, Touch Not, Touch Not No. 3, Rawhide and Belmont patented lode mining claims, Mineral Survey No. 2838, embracing a portion of Sections 1 and 12, Township 2 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 658231 from the United States of America to Consolidated Holding and Trust Co., dated January 10, 1919, and recorded in Book 3 of Mining Deeds, page 219 of the official records of Pinal County, comprising 113.998 acres.

34. PARCEL NO. 34:

The Pacific No. 1, Pacific No. 7, Pacific No. 13, Pacific No. 19, Pacific No. 25, Pacific No. 32 and Grand patented lode mining claims, Mineral Survey No. 3581, embracing a portion of Sections 12, Township 2 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 838255 from the United States of America to Grand Pacific Mining Co., dated December 21, 1921, and recorded in Book 3 of Mining Deeds, page 561 of the official records of Pinal County, comprising 123.454 acres, more or less.

35. PARCEL NO. 35:

The Gerald Cansler patented lode mining claim, Mineral Survey No. 3483, embracing a portion of Section 26, Township 1 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 857949 from the United States of America to Magma Chief Copper Co., dated April 6, 1922, and recorded in Book 5 of Mining Deeds, page 36 of the official records of Pinal County, comprising 20.452 acres, more or less.

36. PARCEL NO. 36:

The Silver Tip Extension and Horse Shoe patented lode mining claims, Mineral Survey No. 2995, embracing a portion of Sections 25 and 36, Township 1 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 867990 from the United States of America to Magma Copper Co., dated June 14, 1922, and recorded in Book 4 of Mines of Mining Deeds, page 15, of the official records of Pinal County, comprising 40.966 acres, more or less.

37. PARCEL NO. 37:

The Long Wedge, Picket Post, Palace, Watson and Tuna patented lode mining claims, Mineral Survey No. 3482, embracing a portion of Sections 25 and 26, Township 1 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 876071 from the United States of America to Magma Chief Copper Co., dated August 14, 1922, and recorded in Book 5 of Mining Deeds, page 32 of the official records of Pinal County, comprising 84.77 acres, more or less.

38. PARCEL NO. 38:

The Maine #1, Maine #2, Maine #3, Gold Crown #1 and Gold Crown #2 patented lode mining claims, Mineral Survey No. 3669A, embracing a portion of Section 2, Township 2 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 982602 from the United States of America to Queen Creek Copper Co., dated July 22, 1926, and recorded in Book 5 of Mining Deeds, page 26 of the official records of Pinal County, comprising 79.55 acres, more or less.

EXCEPT "all that portion of the ground hereinbefore described, embraced in said Golden Eagle Extension lode claim Survey No. 2860; said Interloper lode claim Survey No. 3106; and that portion of said Gold Crown lode claim Survey No. 2860 designated as Tracts A and B, hereinafter described; beginning for the description of Tract "A" at corner No. 1 of said Maine #2 lode claim; thence north sixty-six degrees forty-nine minutes east ten and thirty-one-hundredths feet, thence south sixteen degrees twenty-six minutes east fifty-five and twenty-four-hundredths feet, thence south seventy-seven degrees forty-eight minutes west eighty-two-hundredths of a foot, thence north twenty-six degrees twenty minutes west fifty-four and seventy-nine-hundredths feet to the place of beginning; beginning for the description of Tract "B" at corner No. 1 of said Maine #2 lode claim, thence south twenty-six degrees twenty minutes east fifty-four and seventy-nine-hundredths feet, thence south seventy-seven degrees forty-eight minutes west two hundred eight-seven and twelve-hundredths feet, thence north sixty-six degrees forty-nine minutes east two hundred seventy-eight and eighty-seven-hundredths feet to the place of beginning; . . ."

39. PARCEL NO. 39:

The Overlook patented lode mining claim, Mineral Survey No. 4092, embracing a portion of Section 35, Township 1 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 1039436 from the United States of America to Magma Copper Co., dated August 6, 1930, and recorded in Book 5 of Mining Deeds, page 359 of the official records of Pinal County, comprising 20.638 acres, more or less.

40. PARCEL NO. 40:

The Silver Tip Extension No. 1 patented lode mining claim, Mineral Survey No. 4093, embracing a portion of Section 25, Township 1 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 1039437 from the United States

of America to Magma Copper Co., dated August 6, 1930, and recorded in Book 5 of Mining Deeds, page 357 of the official records of Pinal County, comprising 20.388 acres, more or less.

41. PARCEL NO. 41:

The Elm No. 1, Elm, Hard Rock No. 10, San Francisco, Queen Fraction, Oversight, New Calumet, Excelsior, Gold Crown, Golden Eagle Extension, Caledonia, Safety, Republic, Skyward, Oak No. 12, Aldridge, Hard Rock No. 8, Hard Rock No. 9, Windsor, Golden Eagle, Sacramento, Rain Cloud patented millsites, Mineral Survey No. 4095, embracing a portion of Sections 34 and 35, Township 1 South, Range 12 East, and Section 3, Township 2 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 1042131 from the United States of America to Magma Copper Co., dated November 18, 1930, and recorded in Book 5 of Mining Deeds, page 378 of the official records of Pinal County, comprising 106.849 acres, more or less.

42. PARCEL NO. 42:

The Yellow Coat, Florence Adams, North Queen, Black Rock and Baltic patented lode mining claims, Mineral Survey No. 4149, embracing a portion of Section 25, Township 1 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 10962423 from the United States of America to Magma Copper Co., dated March 30, 1933, and recorded in Book 52, page 135 of the official records of Pinal County, comprising 69.191 acres, more or less.

EXCEPT "all that portion of the ground hereinbefore described, embraced in said mining claims or Surveys Nos. 350 and 2929; and Watson, Picket Post, Palace and Tuna lode claims Survey No. 3484; and said Blackfoot lode claim Survey No. 2144 . . ."

43. PARCEL NO. 43:

The Spring patented lode mining claim, Mineral Survey No. 4150, embracing a portion of Section 36, Township 1 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 1062846 from the United States of America to Magma Copper Co., dated April 11, 1933, and recorded in Book 52, page 159 of the official records of Pinal County, comprising 15.894 acres, more or less.

44. PARCEL NO. 44:

The Irene, Silver Tip, Surpriser No. 2, Silver and Copper Pocket, Oakland, Square Deal, Overlook, Horse Shoe and Fraction patented millsites, Mineral Survey No. 4152, embracing a portion of Section 35, Township 1 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 1077084 from the United States of America to Magma Copper Co., dated July 29, 1935, and recorded in Book 6 of Mining Deeds, page 103 of the official records of Pinal County, comprising 42.779 acres, more or less; but excluding any portion that overlaps any property within the town of Superior city limits as of March 1, 2004.

45. PARCEL NO. 45:

The Horseshoe No. 1, Horseshoe No. 2 and Silver Tip Extension No. 2 patented lode mining claims, Mineral Survey No. 4231, embracing a portion of Sections 25 and 36, Township 1 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 1114857 from the United States of America to Magma Copper Co., dated October 8, 1942, and recorded in Book 6 of Mining Deeds, page 520 of the official records of Pinal County, comprising 49.828 acres, more or less.

EXCEPT "all that portion of the ground hereinbefore described, embraced in said mining claims or Surveys Nos. 4150 and 4093; and said Silver Tip Extension No. 1 lode claim, Survey No. 2995,..."

46. PARCEL NO. 46:

The Lake Erie No. 3 and Lake Erie No. 4 patented lode mining claims, Mineral Survey No. 4235, embracing a portion of Section 36, Township 1 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 1119466 from the United States of America to Magma Copper Co., dated February 14, 1945, and recorded in Book 7 of Mining Deeds, page 11 of the official records of Pinal County, comprising 32.211 acres, more or less.

EXCEPT "all that portion of the ground hereinbefore described, embraced in said mining claim or Survey No. 2994 and said Silver and Copper Pocket lode claim, Survey No. 2144,..."

47. PARCEL NO. 47:

The Happy Hunch and Magma Extension patented lode mining claims, Mineral Survey No. 4499A, and the Happy Hunch and Magma Extension patented millsites, Mineral Survey No. 4499B, embracing a portion of Sections 34 and 35, Township 1 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 02-62-0113 from the United States of America to Magma Copper Co., dated June 1, 1962, and recorded in Docket 326, page 418 of the official records of Pinal County, such mining claims comprising 28.717 acres, more or less, and such millsites comprising 7.145 acres, more or less.

EXCEPT "all of that portion of ground within the boundaries of the Sacramento and Oakland mining claims, Survey No. 2930A;..."

48. PARCEL NO. 48:

The Elm, Elm No. 1, Elm No. 2 and Red Cloud patented lode mining claims, Mineral Survey Nos. 4500 and 4500A, embracing portions of Section 2 of Township 2 South, Range 12 East and Section 36, Township 1 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 02-63-0087 from the United States of America to Magma Copper Co., dated February 15, 1963, and recorded in Docket 345, page 82 of the official records of Pinal County, comprising 37.72 acres, more or less.

EXCEPT "all of that portion of ground within the boundaries of the Excelsior lode claim, Survey No. 2860; the Golden Eagle Extension lode claim, Survey No. 2860; and the Main #2 lode claim, Survey 3669A; . . ."

49. PARCEL NO. 49:

The Magma, Magma No. 1 and Lake Erie No. 8 patented lode mining claims, Mineral Survey No. 4502, embracing a portion of Section 36 of Township 1 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 02-63-0007 from the United States of America to Magma Copper Co., dated July 13, 1962, and recorded in Docket 329, page 551 of the official records of Pinal County, comprising 60.681 acres, more or less.

50. PARCEL NO. 50:

The Ash No. 2, Ash No. 3, Blackfoot No. 4, "Life Saver," Horseshoe No. 3, New Lake, Oak, Oak No. 2, Silver Tip Extension No. 3, Whitefoot No. 1, White Foot No. 2 and White-Foot No. 3 patented lode mining claims, Mineral Survey No. 4633, embracing portions of Sections 25 and 36 of Township 1 South, Range 12 East, and Sections 30 and 31, Township 1 South, Range 13 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 02-68-0020 from the United States of America to Magma Copper Co., dated September 29, 1967, and recorded in Docket 518, page 934, of the official records of Pinal County, comprising 200.88 acres, more or less.

EXCEPT "all of those portions of ground within the boundaries of the Spring lode claim, Survey No. 4150, Horseshoe No. 2 lode claim, Survey No. 4231, Magma and Magma No. 1 lode claims, Survey No. 4502 . . ."

51. PARCEL NO. 51:

The East No. 1, East No. 2, East No. 6, East No. 7, East No. 11, East No. 12 and East No. 13 patented lode mining claims, Mineral Survey No. 4674, embracing portions of Sections 29 and 32, Township 1 South, Range 13 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 02-70-0081 from the United States of America to Magma Copper Co., dated May 4, 1970, and recorded in Docket 598, page 498 of the official records of Pinal County, comprising 139.404 acres, more or less.

52. PARCEL NO. 52:

The Blackfoot No. 2 and Blackfoot No. 3 patented lode mining claims, Mineral Survey No. 4501, embracing a portion of Section 25, Township 1 South, Range 12 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 02-63-0006 from the United States of America to Magma Copper Co., dated July 13, 1962, and recorded in Docket 329, page 540 of the official records of Pinal County, comprising 40.939 acres, more or less.

53. PARCEL NO. 53:

The Oak No. 4, Oak No. 7, Oak No. 14, Oak No. 16 and Oak No. 17 patented lode mining claims, Mineral Survey Nos. 4633 and 4797, embracing portions of Sections 31 and 32, Township 1 South, Range 13 East, G&SR Mer., a more particular description of which is set forth in Mineral Patent No. 02-96-0027 from the United States of America to Magma Copper Co., dated September 10, 1996, and recorded as Document Fee No. 1996-032585 of the official records of Pinal County, comprising 99.96 acres, more or less.

EXCEPT "all of that portion of the ground within the boundaries of the East No. 1 lode claim, Mineral Survey Number 4674 exclusive of its conflict with Oak No. 4 lode claim, East No. 2 lode claim, Mineral Survey Number 4674 and East No. 3 lode claim, Mineral Survey Number 4674; ..."

APPENDIX D

ERS RECCheck AREA REPORT RESULTS (3)



RecCheck

Area

Report Results

The Standard for ASTM/AAI Radius Searches

(One Mile Environmental Records Search, Exceeds ASTM 1527/1528 and EPA AII Appropriate Inquiry)

REPORT RESULTS



Site Location:

105-15-003 And 105-15-004

Pinal County, AZ

(N 33-16-10, W 111-3-58) NAD83

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EXECUTIVE SUMMARY

INFORMATION ON THE REQUESTED LOCATION

Site Address:	105-15-003 And 105-15-004 Pinal County, AZ
Client Project Name/Number:	Apache Leap South
Coordinates:	N 33-16-10, W 111-3-58 (NAD 83) 33.2695694926793, -111.066138135424
Date of Report	April 10, 2015
ERS Project Number:	2104651905
Subject Site Listed on the following lists:	Not Listed
Subject Site Listed as Map ID#:	N/A
USGS 7.5 Minute Quad Map:	Superior
Township, Section and Range:	Township: 02S Range: 12E Section: 012
Site Elevation: (feet above mean sea level)	Approximately 4659 ft near the center of the area.
Flood Zone: (FEMA Q3 Digital Data)	Panel: 04021C0290E, Effective Date: 12/4/2007 Zone X - Area of minimal flood hazard, usually depicted on FIRMs as above the 500-year flood level.
Fire Insurance Map Coverage:	No
Radon Information:	EPA Radon Zone: 2 (Predicted avg for county: 2 to 4 pCi/L)
Search Radius Expansion Size: (In Miles)	0
Soil Type: (USDA Soil Survey Geographic Database) (SSURGO)	Rock outcrop-Woodcutter complex, tuff, 15 to 50 percent slopes Map Unit Type: Complex Hydric: No Drainage Class: Well drained General Information: Loamy-skeletal, mixed, superactive, thermic Aridic Lithic Argiustolls
Zip Codes Searched for "Un-Mappable" Sites:	Not Researched
Occurrence Count:	3

SUMMARY OF OCCURRENCES

MAP ID	ID/SITE NAME	ADDRESS	DATABASE	STATUS	DISTANCE (MILES)	ELEV DIFF (FEET)
1 Maps: 1 , 3	6495 GRAND PACIFIC		Mines-AZ	Listed	0.09 W	N/A
2 Maps: 1 , 3	10048317 Grand Pacific Mine		MRDS-US	Listed	0.13 W	N/A
3 Maps: 1 , 3	10283301 Grand Pacific		MRDS-US	Listed	0.13 W	N/A

DATABASE OCCURRENCE SUMMARY

HIGH RISK* OCCURRENCES IDENTIFIED IN REQUESTED SEARCH RADIUS		
DATABASE SEARCHED	DISTANCE SEARCHED (MILES)	HIGH RISK OCCURRENCES FOUND
ASPL-AZ	0.5	0
BF-Open-AZ	0.5	0
CERCLIS-US	0.5	0
LUST-Open-AZ	0.5	0
NPL-US	1	0
SAA-Agreements-US	1	0
Tribal-LUST-Open-Reg9	0.5	0
VCP-Open-AZ	0.5	0
WQARF-AZ	1	0

* For the purposes of this report, "high risk" occurrences are those that have known contamination and have not received a "case closed" or "no further action" status from the agency that maintains the records.

FEDERAL ASTM/AAI DATABASES							
DATABASE SEARCHED	DISTANCE SEARCHED	SUBJECT SITE	0.125 MILES	0.25 MILES	0.5 MILES	1.0 MILES	TOTAL
BF-US	0.5	0	0	0	0	-	0
CERCLIS-Archived-US	0.5	0	0	0	0	-	0
CERCLIS-US	0.5	0	0	0	0	-	0
Controls-RCRA-US	0.5	0	0	0	0	-	0
Controls-US	0.5	0	0	0	0	-	0
Debris-US	0.5	0	0	0	0	-	0
Delisted-NPL-US	0.5	0	0	0	0	-	0
ERNS-US	0.25	0	0	0	-	-	0
FTTS-ENF-US	1	0	0	0	0	0	0
Hist-AFS2-US	0.5	0	0	0	0	-	0
Hist-AFS-US	0.5	0	0	0	0	-	0
Hist-Dumps-US	0.5	0	0	0	0	-	0
Hist-US-EC	0.5	0	0	0	0	-	0
Hist-US-IC	0.5	0	0	0	0	-	0
HMIS-US	0.25	0	0	0	-	-	0
LIENS-US	0.5	0	0	0	0	-	0
NPL-US	1	0	0	0	0	0	0
PADS-US	0.5	0	0	0	0	-	0
PCB-US	0.25	0	0	0	-	-	0
RCRA-CESQG-US	0.25	0	0	0	-	-	0
RCRA-COR-US	1	0	0	0	0	0	0
RCRA-LQG-US	0.25	0	0	0	-	-	0
RCRA-NON-US	0.25	0	0	0	-	-	0
RCRA-SQG-US	0.25	0	0	0	-	-	0
RCRA-TSD-US	0.5	0	0	0	0	-	0
SAA-Agreements-US	1	0	0	0	0	0	0
Tribal-Air-US	0.5	0	0	0	0	-	0
Tribal-BF-US	0.5	0	0	0	0	-	0
Tribal-LUST-Closed-Reg9	0.5	0	0	0	0	-	0
Tribal-LUST-Open-Reg9	0.5	0	0	0	0	-	0
Tribal-ODI-US	0.5	0	0	0	0	-	0
Tribal-UST-Reg9	0.25	0	0	0	-	-	0
Tribal-VCP-US	0.5	0	0	0	0	-	0

STATE ASTM/AAI DATABASES

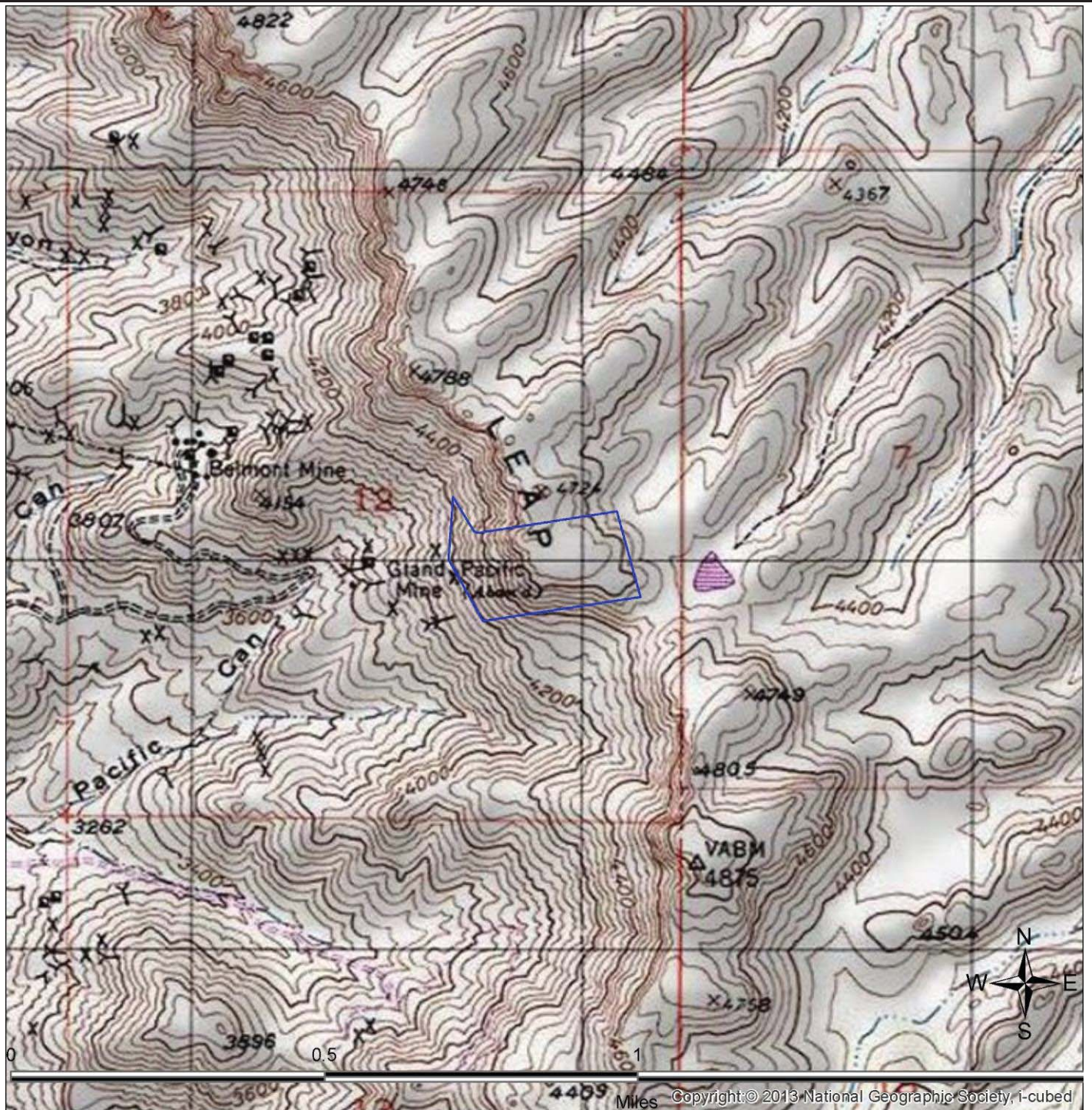
DATABASE SEARCHED	DISTANCE SEARCHED	SUBJECT SITE	0.125 MILES	0.25 MILES	0.5 MILES	1.0 MILES	TOTAL
Air-AZ	0.5	0	0	0	0	-	0
ALF-AZ	0.5	0	0	0	0	-	0
ASPL-AZ	0.5	0	0	0	0	-	0
AST2-AZ	0.25	0	0	0	-	-	0
AST-AZ	0.25	0	0	0	-	-	0
BF-Closed-AZ	0.5	0	0	0	0	-	0
BF-Open-AZ	0.5	0	0	0	0	-	0
CLF-AZ	0.5	0	0	0	0	-	0
Controls-AZ	0.5	0	0	0	0	-	0
Hist-SPILLS-AZ	0.25	0	0	0	-	-	0
LUST-Closed-AZ	0.5	0	0	0	0	-	0
LUST-Open-AZ	0.5	0	0	0	0	-	0
Manifest2-NY	0.25	0	0	0	-	-	0
Manifest2-RI	0.25	0	0	0	-	-	0
Oil-Centers-AZ	0.5	0	0	0	0	-	0
RemOther-Closed-AZ	0.5	0	0	0	0	-	0
RemOther-Open-AZ	0.5	0	0	0	0	-	0
SS-AZ	0.5	0	0	0	0	-	0
Transfer-AZ	0.5	0	0	0	0	-	0
UST-AZ	0.25	0	0	0	-	-	0
VCP-Closed-AZ	0.5	0	0	0	0	-	0
VCP-Open-AZ	0.5	0	0	0	0	-	0
WQARF-AZ	1	0	0	0	0	0	0

SUPPLEMENTAL DATABASES

DATABASE SEARCHED	DISTANCE SEARCHED	SUBJECT SITE	0.125 MILES	0.25 MILES	0.5 MILES	1.0 MILES	TOTAL
BioFuel-US	0.25	0	0	0	-	-	0
CDL-AZ	0.25	0	0	0	-	-	0
CDL-US	0.25	0	0	0	-	-	0
Dams-AZ	0.25	0	0	0	-	-	0
DryCleaners-AZ	0.25	0	0	0	-	-	0
DryWell-AZ	0.25	0	0	0	-	-	0
EGRID-US	0.5	0	0	0	0	-	0
FA-HW-US	0.25	0	0	0	-	-	0
FA-UST-AZ	0.25	0	0	0	-	-	0
FRS-US	0.25	0	0	0	-	-	0
FTTS-INSP-US	0.25	0	0	0	-	-	0
FUDS-US	1	0	0	0	0	0	0
Hist-AZ	0.25	0	0	0	-	-	0
Hist-FIFRA-US	0.25	0	0	0	-	-	0
HIST-MLTS-US	0.25	0	0	0	-	-	0
Hist-US	0.25	0	0	0	-	-	0
ICIS-FEC-US	0.5	0	0	0	0	-	0
ICIS-NPDES-US	0.25	0	0	0	-	-	0
Lead-US	0.25	0	0	0	-	-	0
Mines-AZ	0.25	0	1	0	-	-	1
MINES-US	0.25	0	0	0	-	-	0
MLTS-US	0.25	0	0	0	-	-	0
MRDS-US	0.25	0	2	0	-	-	2
NPDES-AZ	0.25	0	0	0	-	-	0
OGW-AZ	0.25	0	0	0	-	-	0
PCS-US	0.25	0	0	0	-	-	0

SUPPLEMENTAL DATABASES							
DATABASE SEARCHED	DISTANCE SEARCHED	SUBJECT SITE	0.125 MILES	0.25 MILES	0.5 MILES	1.0 MILES	TOTAL
RADINFO-US	0.5	0	0	0	0	-	0
RFG-Lab-US	0.25	0	0	0	-	-	0
RMP-US	0.25	0	0	0	-	-	0
ROD-US	0.5	0	0	0	0	-	0
SDWIS-US	0.25	0	0	0	-	-	0
SSTS-US	0.25	0	0	0	-	-	0
SWT-AZ	0.25	0	0	0	-	-	0
TRIS2000-US	0.25	0	0	0	-	-	0
TRIS2010-US	0.25	0	0	0	-	-	0
TRIS80-US	0.25	0	0	0	-	-	0
TRIS90-US	0.25	0	0	0	-	-	0
TSCA-US	0.25	0	0	0	-	-	0
UIC-AZ	0.25	0	0	0	-	-	0
USGS-Waterwells-US	0.25	0	0	0	-	-	0
Vapor-Intrusions-US	0.5	0	0	0	0	-	0
Waste-tire-AZ	0.5	0	0	0	0	-	0
Wells-AZ	0.25	0	0	0	-	-	0

PROPRIETARY HISTORIC DATABASES							
DATABASE SEARCHED	DISTANCE SEARCHED	SUBJECT SITE	0.125 MILES	0.25 MILES	0.5 MILES	1.0 MILES	TOTAL
Hist-Agriculture	0.25	0	0	0	-	-	0
Hist-Auto Dealers	0.25	0	0	0	-	-	0
Hist-Auto Repair	0.25	0	0	0	-	-	0
Hist-Chemical Manufacturing	0.25	0	0	0	-	-	0
Hist-Cleaners	0.25	0	0	0	-	-	0
Hist-Machine Shop	0.25	0	0	0	-	-	0
Hist-Manufacturing	0.25	0	0	0	-	-	0
Hist-Metal Plating	0.25	0	0	0	-	-	0
Hist-Mortuaries	0.25	0	0	0	-	-	0
Hist-Paint-Stores	0.25	0	0	0	-	-	0
Hist-Petroleum	0.25	0	0	0	-	-	0
Hist-Printers	0.25	0	0	0	-	-	0
Hist-RV-Dealers	0.25	0	0	0	-	-	0
Hist-Salvage	0.25	0	0	0	-	-	0
Hist-Service Stations	0.25	0	0	0	-	-	0
Hist-Transportation	0.25	0	0	0	-	-	0
Hist-Trucking	0.25	0	0	0	-	-	0
Hist-Vehicle-Parts	0.25	0	0	0	-	-	0



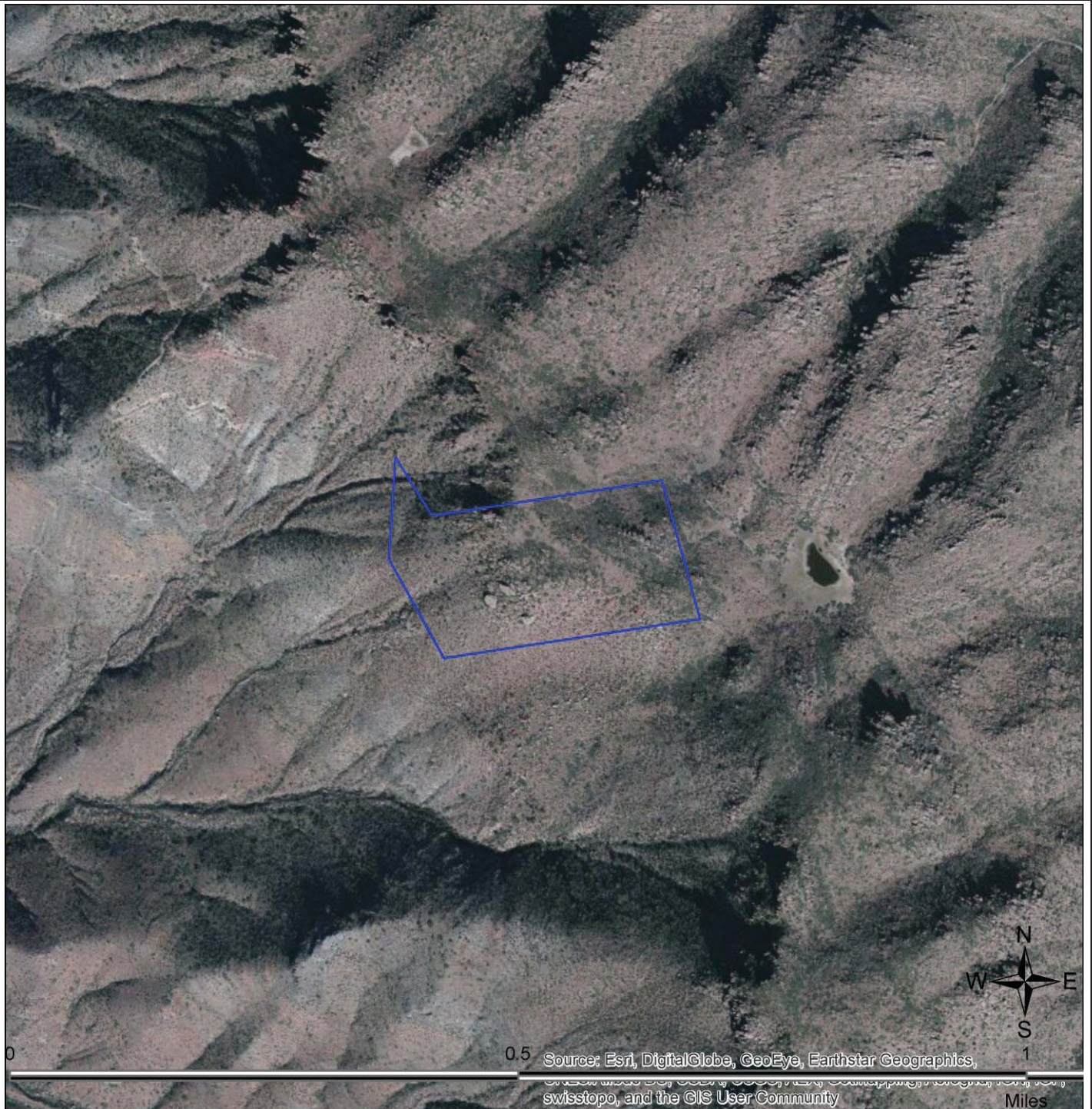
SITE LOCATION TOPOGRAPHIC MAP

U.S. Geological Survey. Superior Quadrangle, 7.5 Minute Series

Westland Resources

105-15-003 And 105-15-004
Pinal County, AZ

FIGURE: 1
JOB:
DATE: 4/10/2015



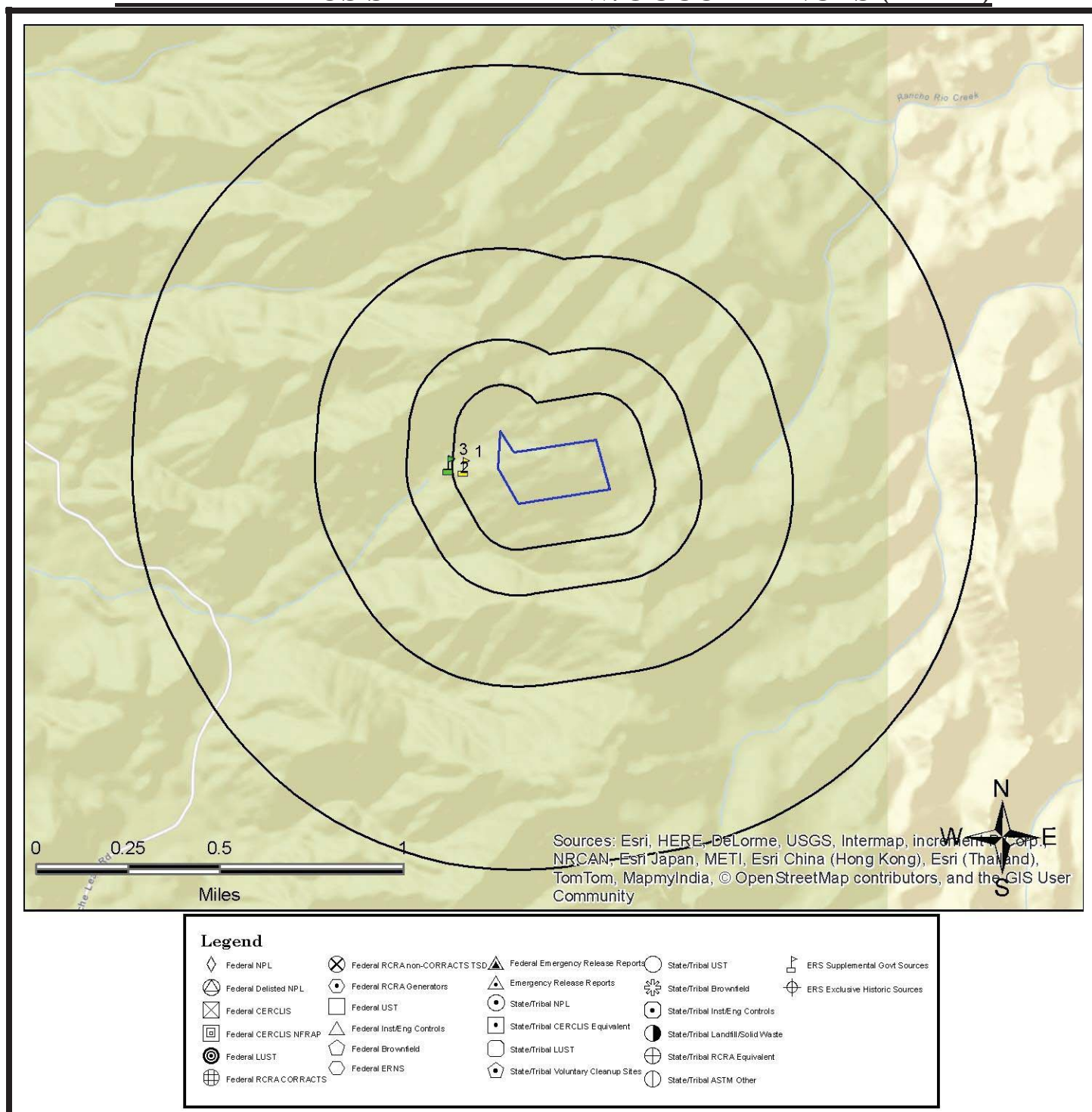
SITE LOCATION MAP

Westland Resources

105-15-003 And 105-15-004
Pinal County, AZ

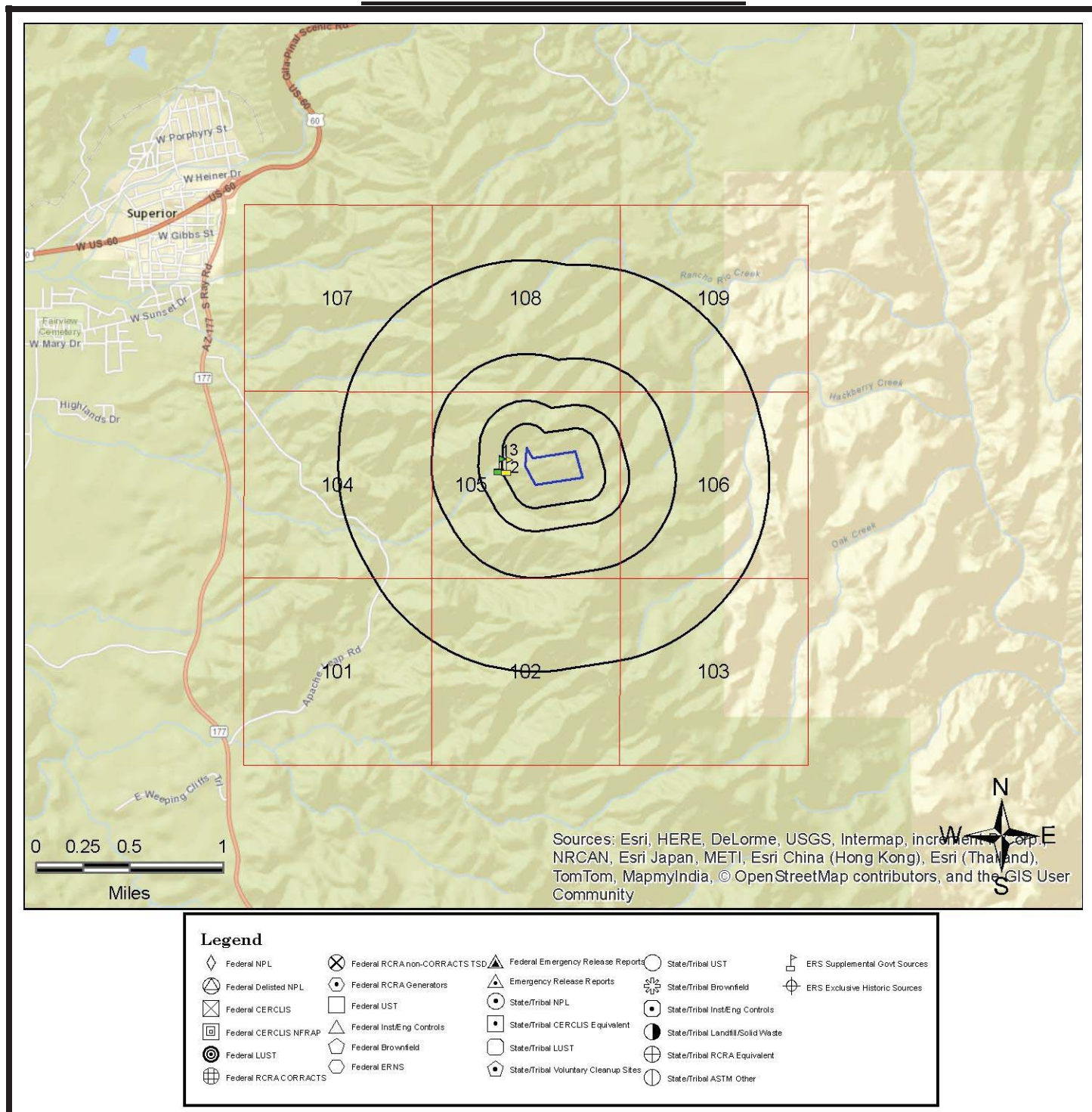
FIGURE: 2
JOB:
DATE: 4/10/2015

1-MILE RADIUS STREET MAP W/OCCURRENCES (MAP1)



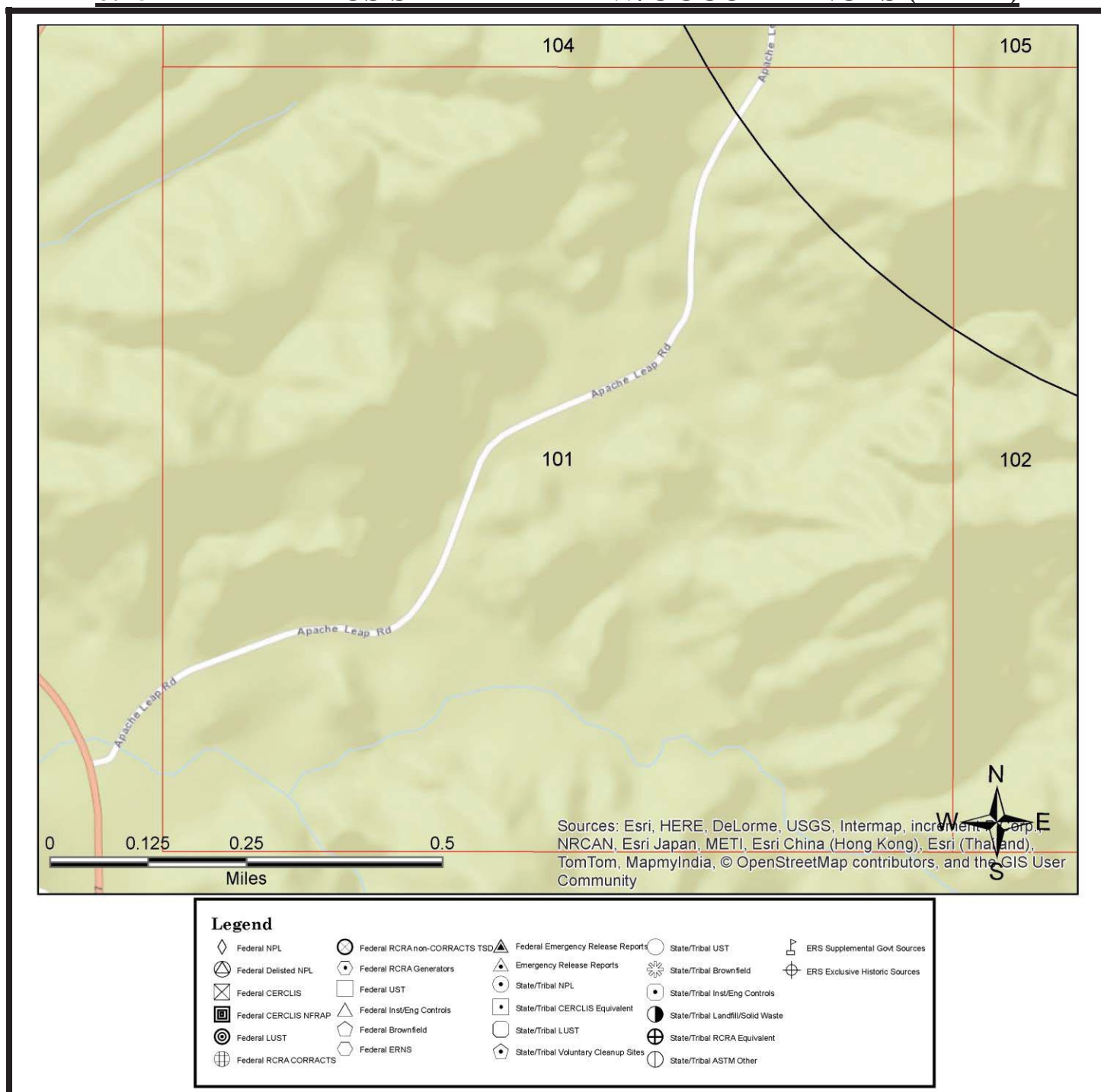
All plotted occurrences represent approximate locations based on geographic information provided by the respective agency. Actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. **Occurrences are shown in three colors** to give a visual indication of the potential risk of the listed occurrence based on the type of list and the current status of the occurrence. Occurrences shown in **RED** are locations with known contamination that have not received a "case closed" or "no further action" status. Occurrences shown in **YELLOW** have been listed by the respective agency, but do not always represent an environmental risk. The detailed status information and description of the listing should be reviewed for further information. Occurrences shown in **GREEN** are occurrences that have active permits or have had contamination in the past but have received a "case closed" or "no further action" status and therefore, do not likely present an environmental risk.

GRID LAYOUT MAP KEY



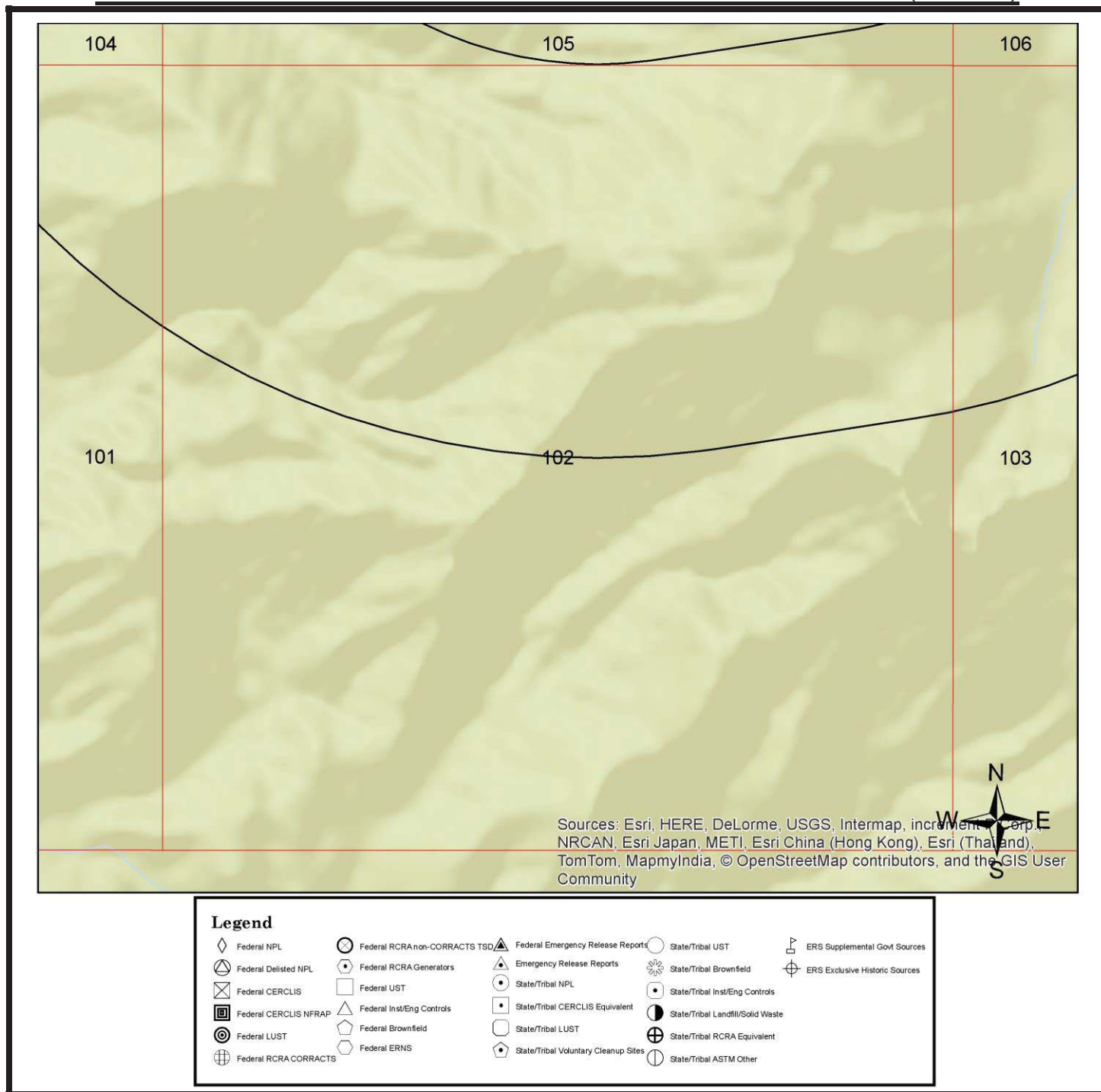
All plotted occurrences represent approximate locations based on geographic information provided by the respective agency. Actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. **Occurrences are shown in three colors** to give a visual indication of the potential risk of the listed occurrence based on the type of list and the current status of the occurrence. Occurrences shown in **RED** are locations with known contamination that have not received a "case closed" or "no further action" status. Occurrences shown in **YELLOW** have been listed by the respective agency, but do not always represent an environmental risk. The detailed status information and description of the listing should be reviewed for further information. Occurrences shown in **GREEN** are occurrences that have active permits or have had contamination in the past but have received a "case closed" or "no further action" status and therefore, do not likely present an environmental risk.

0.25-MILE RADIUS STREET MAP W/OCCURRENCES (MAP2)



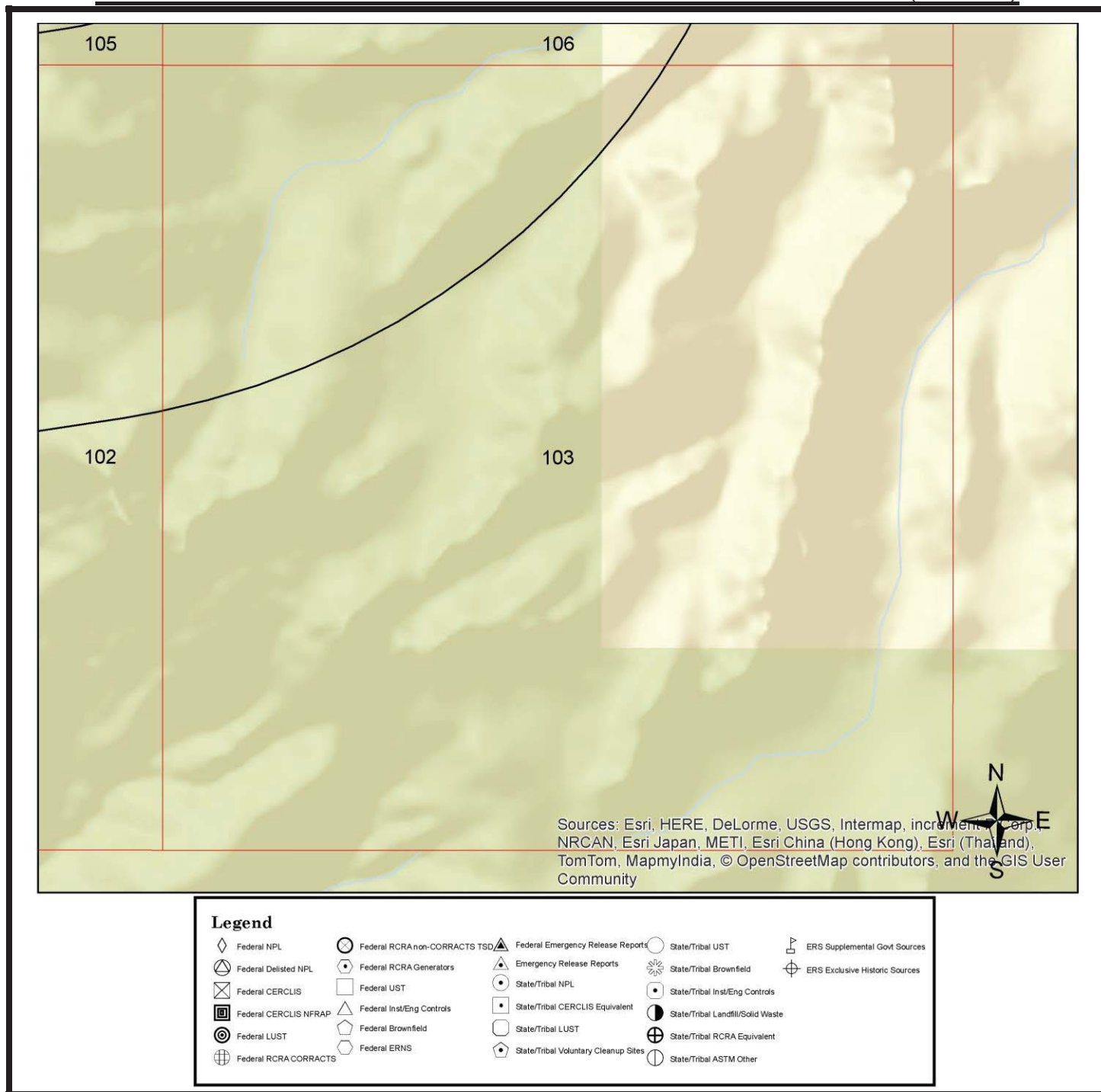
All plotted occurrences represent approximate locations based on geographic information provided by the respective agency. Actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. **Occurrences are shown in three colors** to give a visual indication of the potential risk of the listed occurrence based on the type of list and the current status of the occurrence. Occurrences shown in **RED** are locations with known contamination that have not received a "case closed" or "no further action" status. Occurrences shown in **YELLOW** have been listed by the respective agency, but do not always represent an environmental risk. The detailed status information and description of the listing should be reviewed for further information. Occurrences shown in **GREEN** are occurrences that have active permits or have had contamination in the past but have received a "case closed" or "no further action" status and therefore, do not likely present an environmental risk.

0.25-MILE RADIUS STREET MAP W/OCCURRENCES (MAP2)



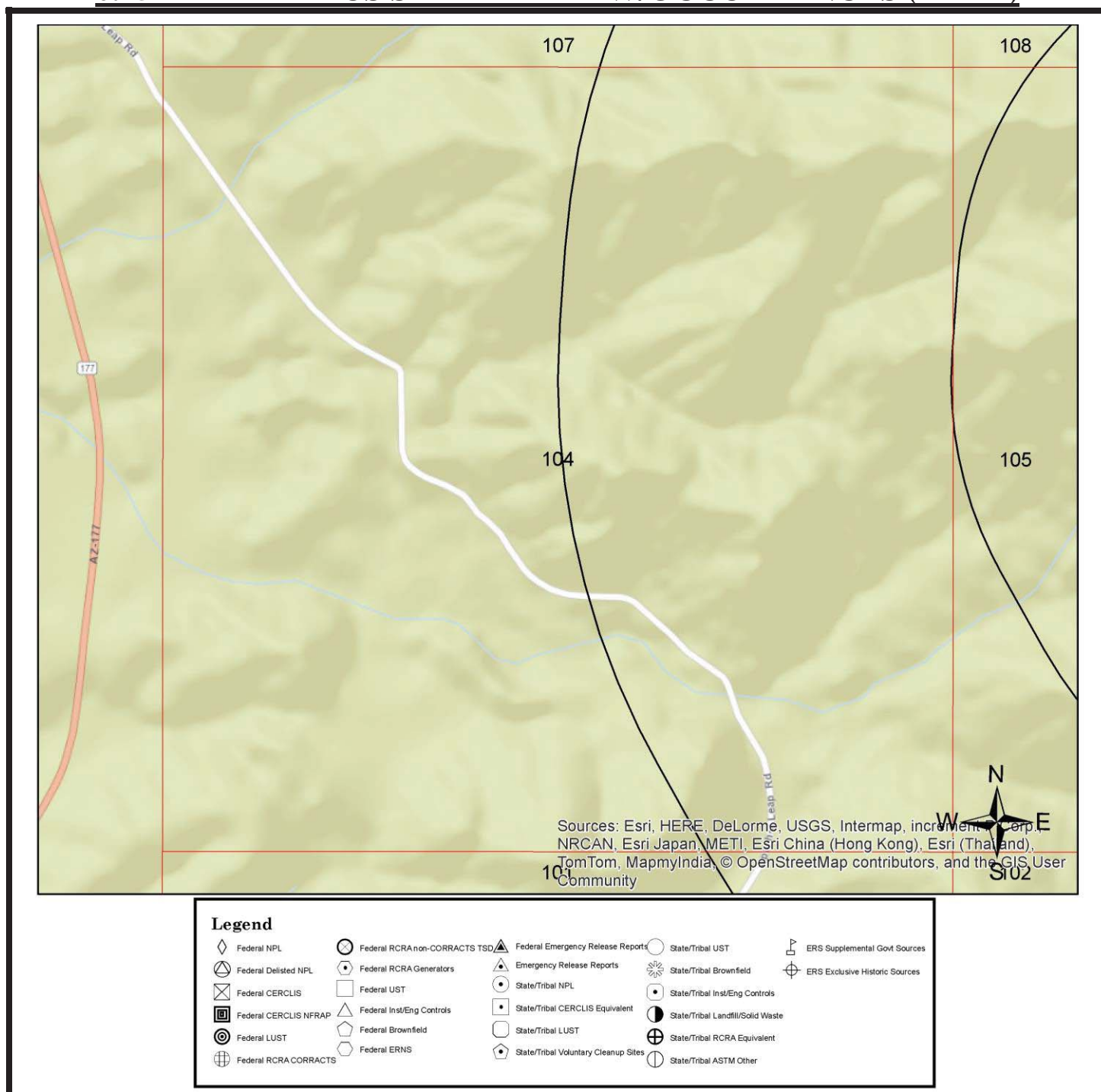
All plotted occurrences represent approximate locations based on geographic information provided by the respective agency. Actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. **Occurrences are shown in three colors** to give a visual indication of the potential risk of the listed occurrence based on the type of list and the current status of the occurrence. Occurrences shown in **RED** are locations with known contamination that have not received a "case closed" or "no further action" status. Occurrences shown in **YELLOW** have been listed by the respective agency, but do not always represent an environmental risk. The detailed status information and description of the listing should be reviewed for further information. Occurrences shown in **GREEN** are occurrences that have active permits or have had contamination in the past but have received a "case closed" or "no further action" status and therefore, do not likely present an environmental risk.

0.25-MILE RADIUS STREET MAP W/OCCURRENCES (MAP2)



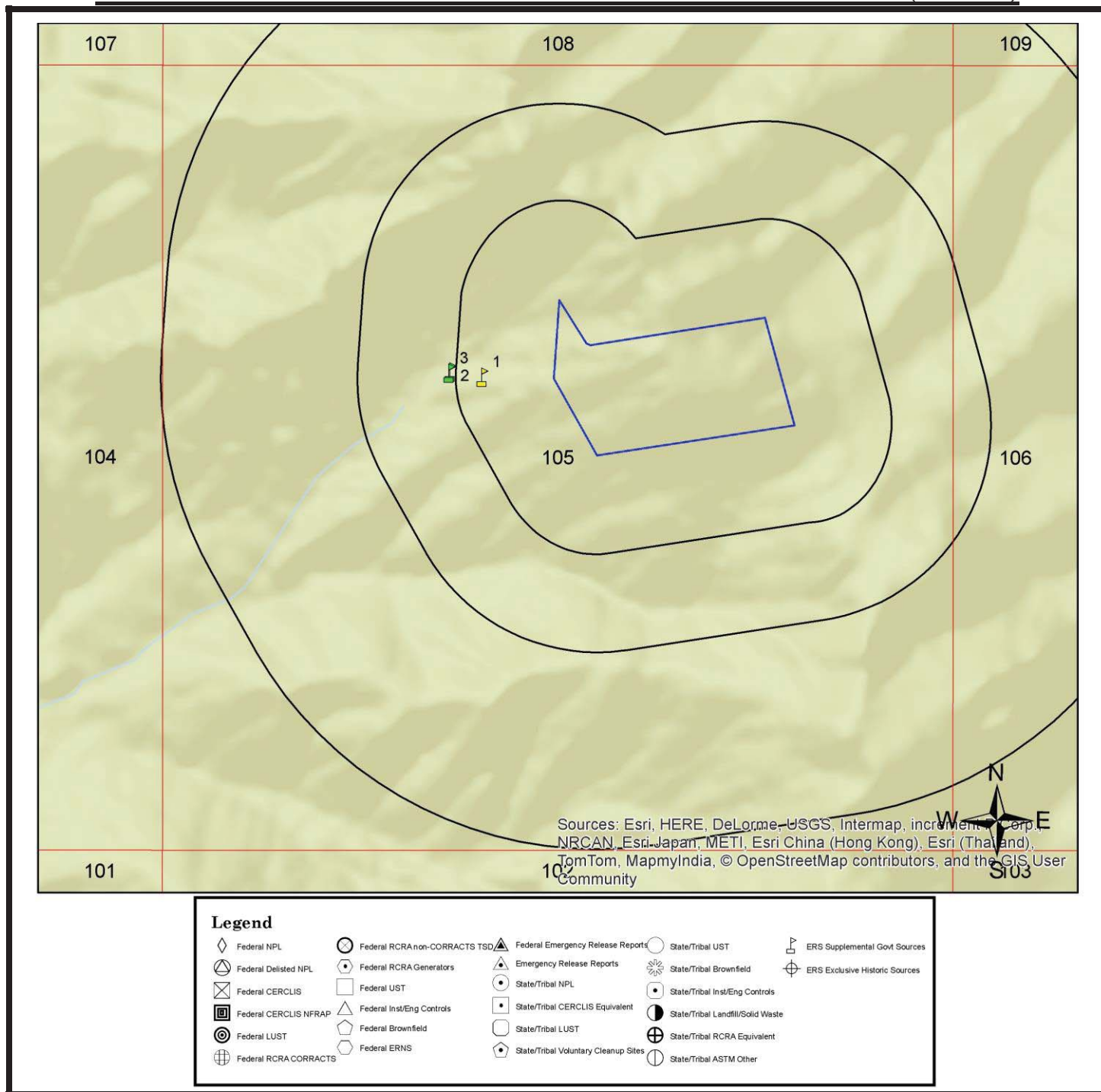
All plotted occurrences represent approximate locations based on geographic information provided by the respective agency. Actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. **Occurrences are shown in three colors** to give a visual indication of the potential risk of the listed occurrence based on the type of list and the current status of the occurrence. Occurrences shown in **RED** are locations with known contamination that have not received a "case closed" or "no further action" status. Occurrences shown in **YELLOW** have been listed by the respective agency, but do not always represent an environmental risk. The detailed status information and description of the listing should be reviewed for further information. Occurrences shown in **GREEN** are occurrences that have active permits or have had contamination in the past but have received a "case closed" or "no further action" status and therefore, do not likely present an environmental risk.

0.25-MILE RADIUS STREET MAP W/OCCURRENCES (MAP2)



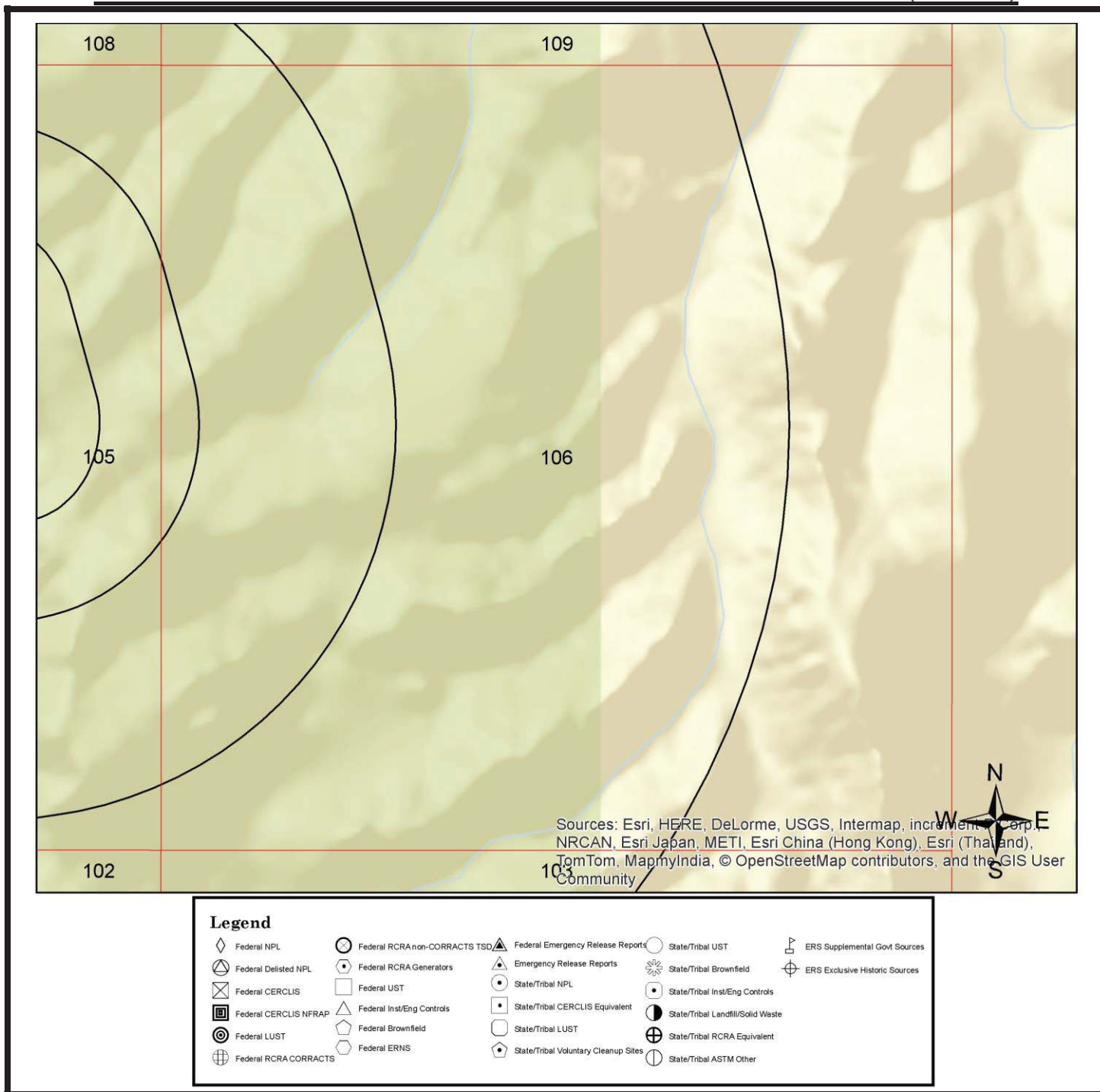
All plotted occurrences represent approximate locations based on geographic information provided by the respective agency. Actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. **Occurrences are shown in three colors** to give a visual indication of the potential risk of the listed occurrence based on the type of list and the current status of the occurrence. Occurrences shown in **RED** are locations with known contamination that have not received a "case closed" or "no further action" status. Occurrences shown in **YELLOW** have been listed by the respective agency, but do not always represent an environmental risk. The detailed status information and description of the listing should be reviewed for further information. Occurrences shown in **GREEN** are occurrences that have active permits or have had contamination in the past but have received a "case closed" or "no further action" status and therefore, do not likely present an environmental risk.

0.25-MILE RADIUS STREET MAP W/OCCURRENCES (MAP2)



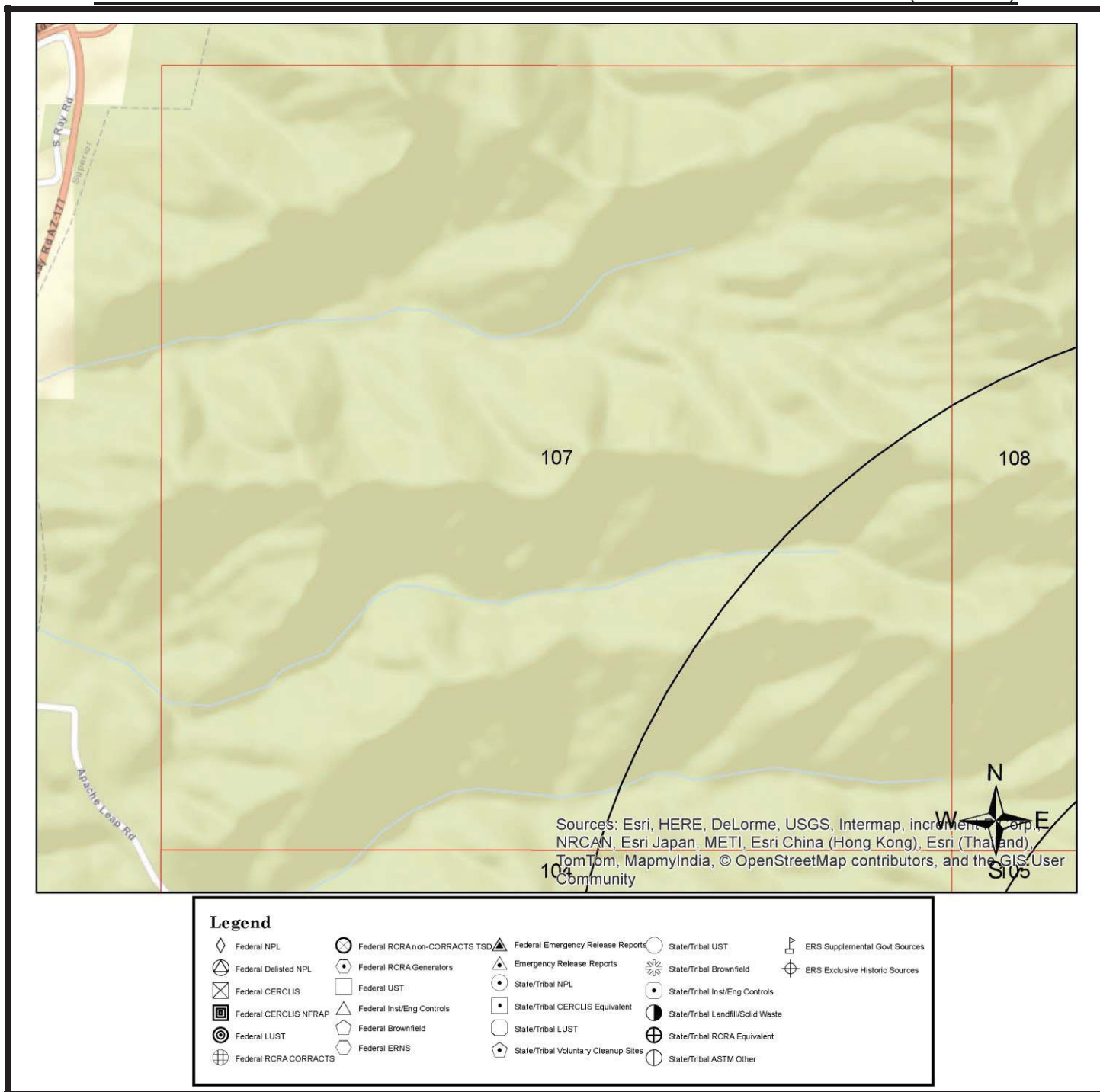
All plotted occurrences represent approximate locations based on geographic information provided by the respective agency. Actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. **Occurrences are shown in three colors** to give a visual indication of the potential risk of the listed occurrence based on the type of list and the current status of the occurrence. Occurrences shown in **RED** are locations with known contamination that have not received a "case closed" or "no further action" status. Occurrences shown in **YELLOW** have been listed by the respective agency, but do not always represent an environmental risk. The detailed status information and description of the listing should be reviewed for further information. Occurrences shown in **GREEN** are occurrences that have active permits or have had contamination in the past but have received a "case closed" or "no further action" status and therefore, do not likely present an environmental risk.

0.25-MILE RADIUS STREET MAP W/OCCURRENCES (MAP2)



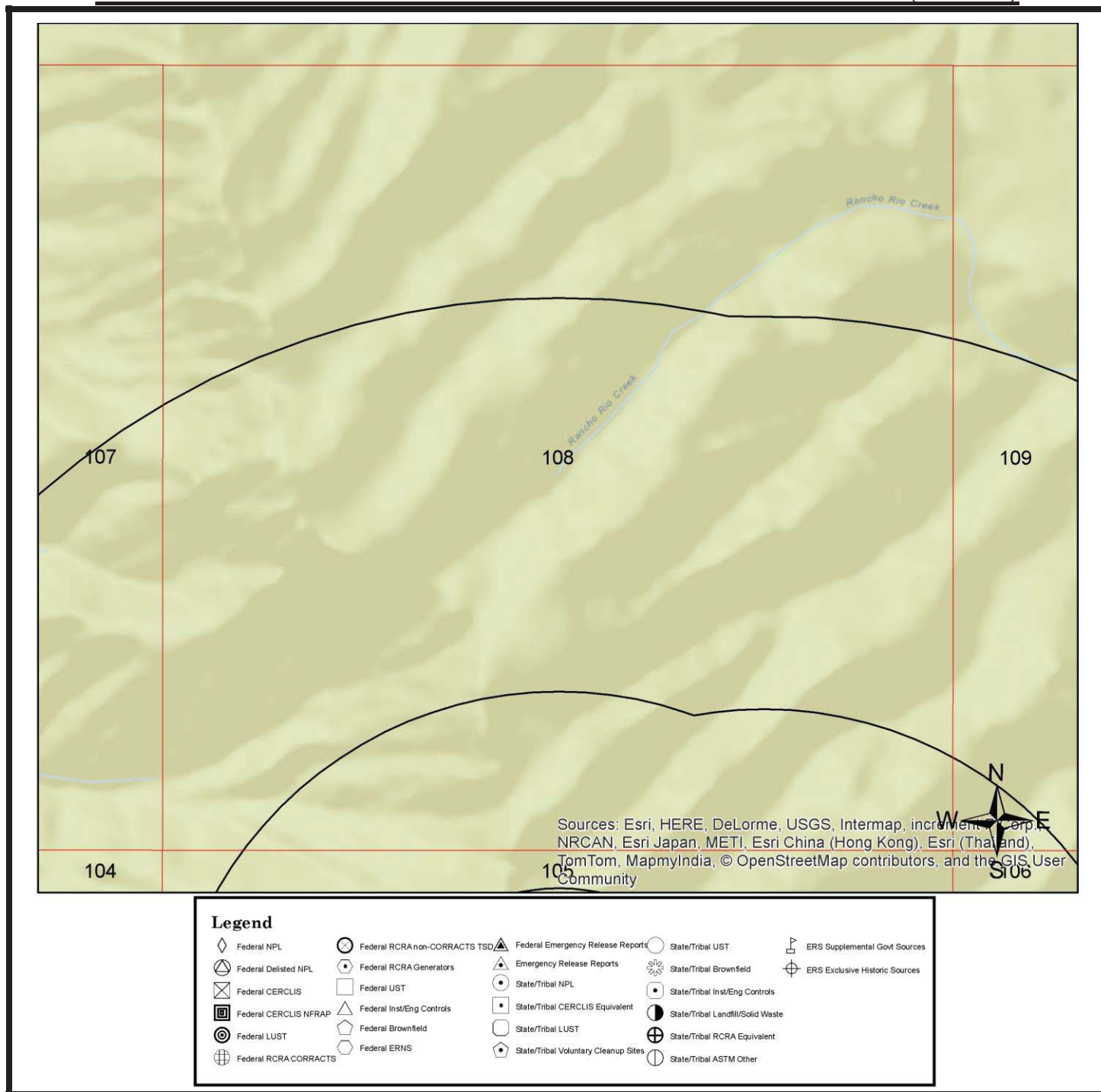
All plotted occurrences represent approximate locations based on geographic information provided by the respective agency. Actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. **Occurrences are shown in three colors** to give a visual indication of the potential risk of the listed occurrence based on the type of list and the current status of the occurrence. Occurrences shown in **RED** are locations with known contamination that have not received a "case closed" or "no further action" status. Occurrences shown in **YELLOW** have been listed by the respective agency, but do not always represent an environmental risk. The detailed status information and description of the listing should be reviewed for further information. Occurrences shown in **GREEN** are occurrences that have active permits or have had contamination in the past but have received a "case closed" or "no further action" status and therefore, do not likely present an environmental risk.

0.25-MILE RADIUS STREET MAP W/OCCURRENCES (MAP2)



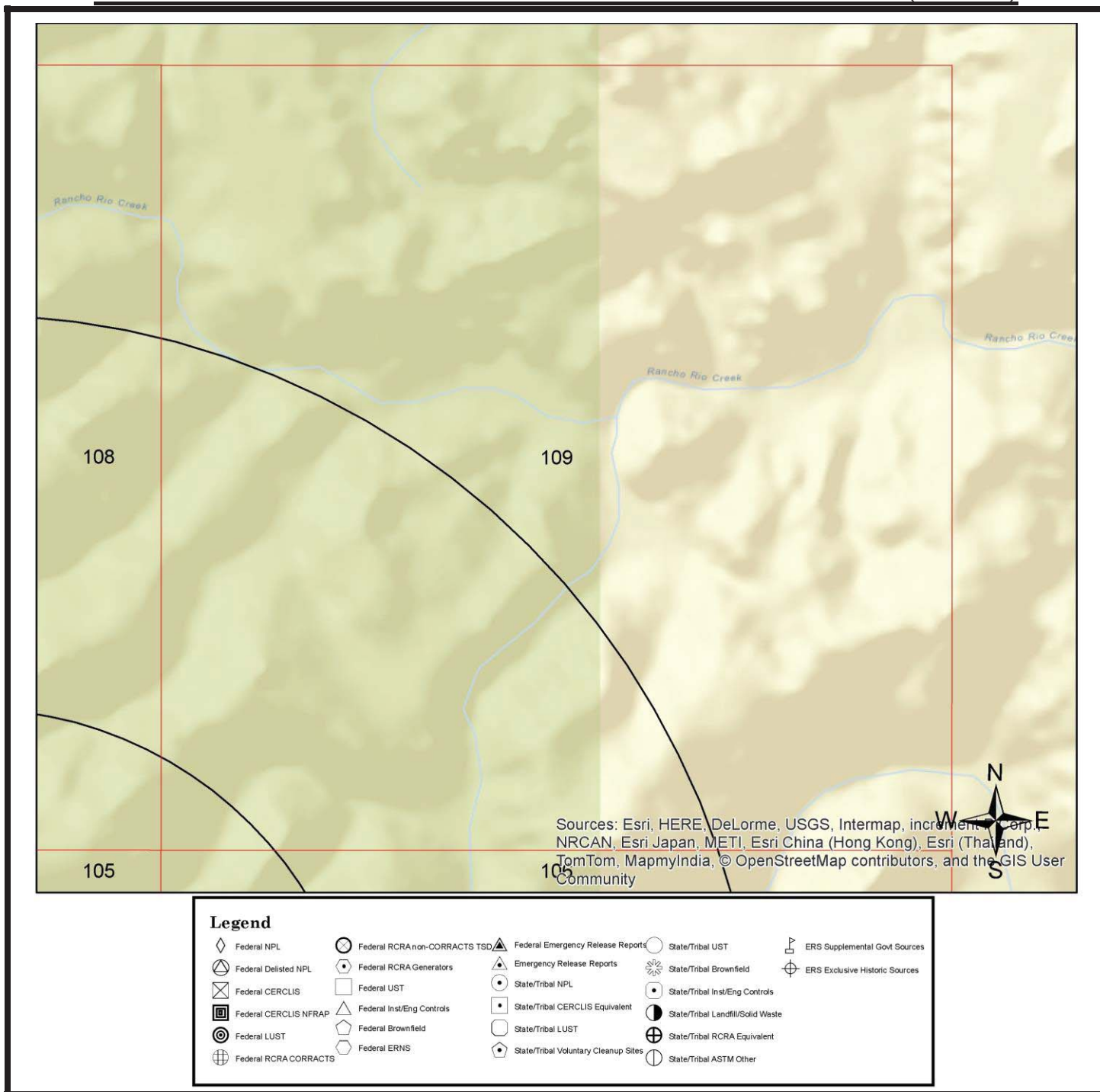
All plotted occurrences represent approximate locations based on geographic information provided by the respective agency. Actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. **Occurrences are shown in three colors** to give a visual indication of the potential risk of the listed occurrence based on the type of list and the current status of the occurrence. Occurrences shown in **RED** are locations with known contamination that have not received a "case closed" or "no further action" status. Occurrences shown in **YELLOW** have been listed by the respective agency, but do not always represent an environmental risk. The detailed status information and description of the listing should be reviewed for further information. Occurrences shown in **GREEN** are occurrences that have active permits or have had contamination in the past but have received a "case closed" or "no further action" status and therefore, do not likely present an environmental risk.

0.25-MILE RADIUS STREET MAP W/OCCURRENCES (MAP2)



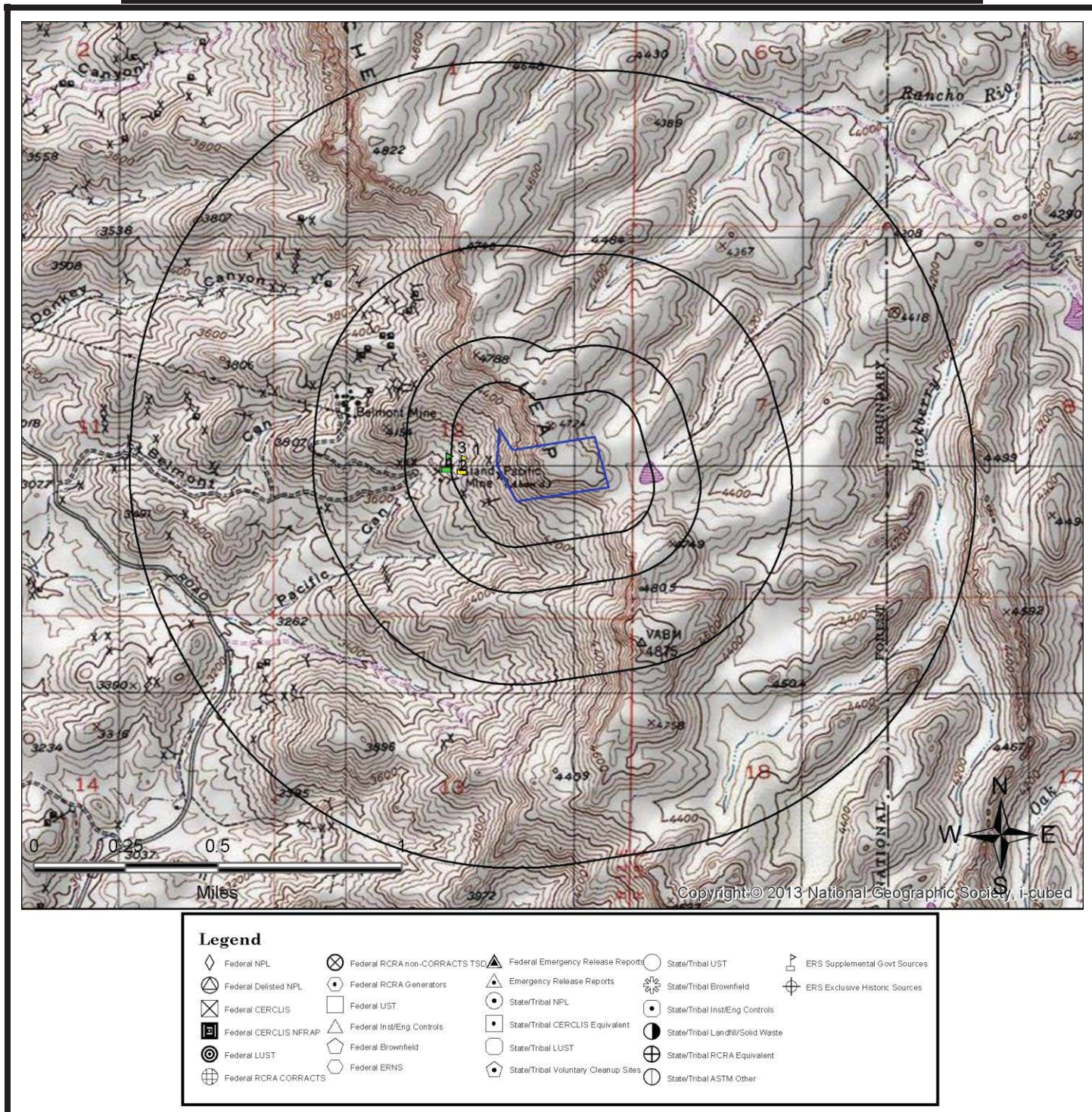
All plotted occurrences represent approximate locations based on geographic information provided by the respective agency. Actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. **Occurrences are shown in three colors** to give a visual indication of the potential risk of the listed occurrence based on the type of list and the current status of the occurrence. Occurrences shown in **RED** are locations with known contamination that have not received a "case closed" or "no further action" status. Occurrences shown in **YELLOW** have been listed by the respective agency, but do not always represent an environmental risk. The detailed status information and description of the listing should be reviewed for further information. Occurrences shown in **GREEN** are occurrences that have active permits or have had contamination in the past but have received a "case closed" or "no further action" status and therefore, do not likely present an environmental risk.

0.25-MILE RADIUS STREET MAP W/OCCURRENCES (MAP2)



All plotted occurrences represent approximate locations based on geographic information provided by the respective agency. Actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. **Occurrences are shown in three colors** to give a visual indication of the potential risk of the listed occurrence based on the type of list and the current status of the occurrence. Occurrences shown in **RED** are locations with known contamination that have not received a "case closed" or "no further action" status. Occurrences shown in **YELLOW** have been listed by the respective agency, but do not always represent an environmental risk. The detailed status information and description of the listing should be reviewed for further information. Occurrences shown in **GREEN** are occurrences that have active permits or have had contamination in the past but have received a "case closed" or "no further action" status and therefore, do not likely present an environmental risk.

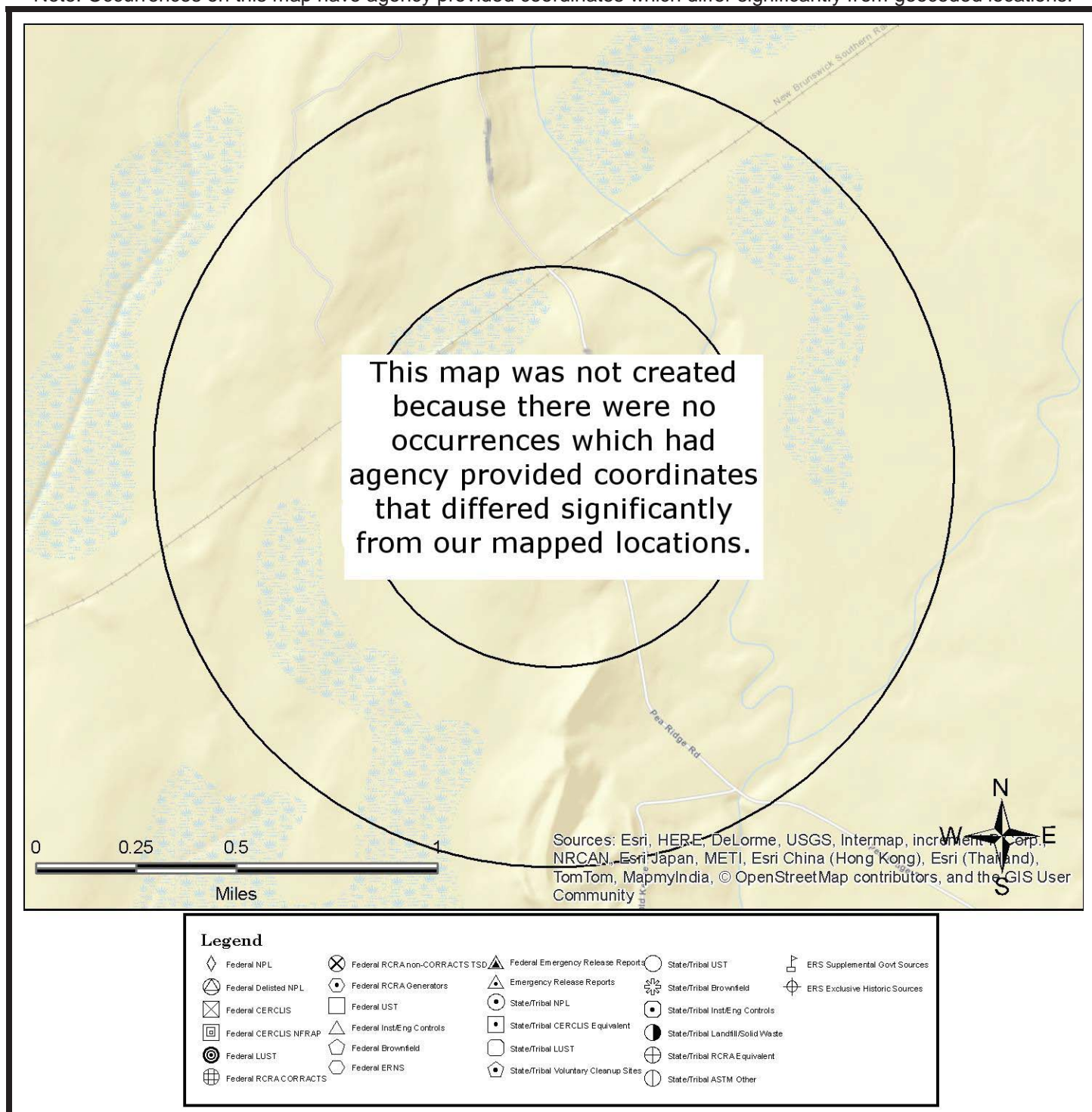
1-MILE TOPOGRAPHIC MAP W/OCCURRENCES (MAP3)



All plotted occurrences represent approximate locations based on geographic information provided by the respective agency. Actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. **Occurrences are shown in three colors** to give a visual indication of the potential risk of the listed occurrence based on the type of list and the current status of the occurrence. Occurrences shown in **RED** are locations with known contamination that have not received a "case closed" or "no further action" status. Occurrences shown in **YELLOW** have been listed by the respective agency, but do not always represent an environmental risk. The detailed status information and description of the listing should be reviewed for further information. Occurrences shown in **GREEN** are occurrences that have active permits or have had contamination in the past but have received a "case closed" or "no further action" status and therefore, do not likely present an environmental risk.

AGENCY DIFFERENCES IN MAPPED LOCATIONS (MAP4)

Note: Occurrences on this map have agency provided coordinates which differ significantly from geocoded locations.



This "AGENCY DIFFERENCES IN MAPPED LOCATIONS (MAP 4)" is fully protected against reproduction in any way, shape or form by ERS Environmental Record Search. ALL applicable laws, copyrights, pending copyrights, trademarks, and any and all applicable Federal and State laws apply at all times. These protections include the concept, procedures, processes, layout, vision, color scheme, mapping layout, legends, data, any and all verbiage, and the entire concept.

SUMMARY OF AGENCY DIFFERENCES

MAP ID	ID/SITE NAME	DATABASE	AGENCY COORDINATES	DISTANCE (MILES)	DIRECTION
N/A	No occurrences were identified where the agency provided coordinates that differed significantly from our mapped locations.				

LISTED OCCURRENCE DETAILS

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Mines-AZ	Listed	0.09 miles W	3940 ft	1
SITE NAME			MAPS	ID
GRAND PACIFIC			1 , 3	6495
ADDRESS			CITY	ZIP
DETAILS				
MILSALB_: 6696 MILSALB_ID: 40210485 SEQ: 40210485 COMMODITY: COPPER, MANGANESE, IRON TYPE: UNDERGROUND STATUS: PAST PRODUCER POR: MAINENT POP: 100M ZONE: 12 NORTHING: 3680999 EASTING: 493454 QUADRANGLE: MESA MAP: SUPERIOR MERIDIAN: GILA & SALT R TOWNSHIP: 002 S RANGE: 012 E SEC: 12 SUBDIVISIO: C S2 YOD: 0 DISTRICT: Not Reported CTY_ALB_: 12 CTY_ALB_ID: 3054 STATE_FIPS: 4 CNTY_FIPS: 21 FIPS: 4021 STATE_NAME: Arizona CNTY_NAME: Pinal SUB_REGION: Mtn STAT_FLAG: 1 Mines.ID: 40210485				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
MRDS-US	Listed	0.13 miles W	3848 ft	2
SITE NAME			MAPS	ID
Grand Pacific Mine			1 , 3	10048317
ADDRESS			CITY	ZIP

DETAILS

DEP ID: 10048317
 MRDS ID: M899887
 MAS ID: Not Reported
 Site Name: Grand Pacific Mine
 Region: NA
 Country: United States
 County: Pinal
 Commodity Type: M
 Commodity 1: Copper
 Commodity 2: Silver, Gold, Manganese
 Commodity 3: Not Reported
 Operation Type: Unknown
 Deposit/Resource Type: Not Reported
 Production Size: S
 Development Status: Producer
 Gangue: Calcite, Pyrite, Quartz
 Ore: Cuprite
 Other Materials: Not Reported
 Form/Shape of the Ore Body: LENTICULAR
 Work Type: Underground
 Model: Not Reported
 Alteration: Near Surface Oxidation
 Concentration Process: Not Reported
 Previous Name: Pacific Group; Pacific Mine
 Ore Control: Ne Trending Faults Crossing Escabosa Limestone, Fault Intersections
 Reporter: Roth, Frances A. (Gest, Don E.)
 Host Rock Unit: Escabosa Limestone; Martin Limestone
 Host Rock Type: Limestone
 Associated Rock Unit: Not Reported
 Associated Rock Type: Diabase
 Structure: "Nw Trending Fault Systems, Ne Trending Fault Systems", "Nw Trending Iron Cap Fault, Ne Trending Sandal Fault"
 Tectonic Setting Description: Not Reported
 Bibliographic Reference: {Deposit:: ABGMT CLIPPINGS FILES}{Deposit:: ABGMT-USBM FILE DATA}{Deposit:: USBM FILES}{Deposit:: SHORT, M.N., GEOLOGY AND ORE DEPOSITS OF THE SUPERIOR MINING AREA, ARIZONA, 1943, ABM BULLETIN 151, P. 158}{Deposit:: FARNHAM, L.L., MANGANESE DEPOSITS OF E
 Year First Produced (YFP): 1916
 Production Before or After YFP: Not Reported
 Year Last Produced (YLP): 1955
 Production Before or After YLP: Not Reported
 Discovered Before or After DY: Not Reported
 Discovery Year: 1900
 Production Years: Not Reported
 Name and Address of Discoveries Responsible Party: John Sandal

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
MRDS-US	Listed	0.13 miles W	3848 ft	3
SITE NAME			MAPS	ID
Grand Pacific			1 , 3	10283301
ADDRESS			CITY	ZIP

DETAILS

DEP ID: 10283301
 MRDS ID: M899887
 MAS ID: 0040210485
 Site Name: Grand Pacific
 Region: NA
 Country: United States
 County: Pinal
 Commodity Type: M
 Commodity 1: Copper, Iron, Manganese
 Commodity 2: Not Reported
 Commodity 3: Not Reported
 Operation Type: Underground
 Deposit/Resource Type: Not Reported
 Production Size: Not Reported
 Development Status: Past Producer
 Gangue: Not Reported
 Ore: Not Reported
 Other Materials: Not Reported
 Form/Shape of the Ore Body: Not Reported
 Work Type: Not Reported
 Model: Not Reported
 Alteration: Not Reported
 Concentration Process: Not Reported
 Previous Name: Pacific Group; Climax; Grand Pacific Copper Co of Az Prop; Sandal Group
 Ore Control: Not Reported
 Reporter: Admr
 Host Rock Unit: Not Reported
 Host Rock Type: Not Reported
 Associated Rock Unit: Not Reported
 Associated Rock Type: Not Reported
 Structure: Not Reported
 Tectonic Setting Description: Not Reported
 Bibliographic Reference: {Deposit:: CLAIMS EXTEND INTO SEC.SEC.24}{Deposit:: JONES,E L JR.AND F L RANSOME,USGS 710-D,P165}{Deposit:: SHORT,M.N.ET AL,ABM BULL.151,P.158}{Deposit:: ADMR MAGMATIC COPPER MINES FILE,MAP}{Deposit:: ADMR MAGMA COPPER CO.MISCELLANEOUS #1 FILE}{Deposit::
 Year First Produced (YFP): 0
 Production Before or After YFP: Not Reported
 Year Last Produced (YLP): 0
 Production Before or After YLP: Not Reported
 Discovered Before or After DY: Not Reported
 Discovery Year: 0
 Production Years: Not Reported
 Name and Address of Discoveries Responsible Party: Not Reported

RECORDS SOURCES SEARCHED

Air-AZ

Arizona Air Permits

Category: State/Tribal ASTM Other

Description: This database contains permitted facilities in Arizona. These sites are active and have received ADEQ air permits.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027712331

Date last updated: 7/29/2014

Date last checked: 10/27/2014

Distance searched: 0.5 miles

Sites:

None Found

ALF-AZ

Active Landfills

Category: State/Tribal Landfill/Solid Waste

Description: This database contains a listing of Active Solid Waste Landfills.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027712221

Date last updated: 2/4/2015

Date last checked: 2/4/2015

Distance searched: 0.5 miles

Sites:

None Found

ASPL-AZ

Arizona Superfund Program List

Category: State/Tribal CERCLIS Equivalent

Description: This database contains WQARF Registry Sites, National Priorities List (NPL) sites and Department of Defense (DOD) sites requiring SPS oversight as reported by the Arizona Department of Environmental Quality.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027714340

Date last updated: 3/20/2014

Date last checked: 4/9/2014

Distance searched: 0.5 miles

Sites:

None Found

AST2-AZ

Aboveground Storage Tanks

Category: State/Tribal UST

Description: This database contains aboveground storage tanks as reported by the Department of Fire, Building and Line Safety.

Agency: Department of Fire, Building and Line Safety

Phone Number: 6023641003

Date last updated: 2/4/2015

Date last checked: 2/4/2015

Distance searched: 0.25 miles

Sites:

None Found

AST-AZ**Aboveground Storage Tanks**

Category: State/Tribal UST

Description: This database contains a listing of Aboveground Storage Tanks reported by Arizona Department of Environmental Quality.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027712300

Date last updated: 2/2/2015

Date last checked: 2/2/2015

Distance searched: 0.25 miles

Sites:

None Found

BF-Closed-AZ**Brownfield Sites, Closed Cases**

Category: State/Tribal Brownfield

Description: This database contains a listing of Brownfield Closed Sites where the contamination on the property has been cleaned up.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027714153

Date last updated: 8/19/2014

Date last checked: 10/27/2014

Distance searched: 0.5 miles

Sites:

None Found

BF-Open-AZ**Brownfield Sites, Open Cases**

Category: State/Tribal Brownfield

Description: Brownfield Open Sites where the contamination on the property has not been cleaned up.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027714153

Date last updated: 8/19/2014
Date last checked: 10/27/2014
Distance searched: 0.5 miles
Sites:
None Found

BF-US
A Listing of Brownfields Sites
Category: Federal Brownfield
Description: This database contains a listing of Brownfields sites listed under the "Cleanups in My Community" program maintained by EPA.
Agency: U.S. Environmental Protective Agency
Phone Number: 2025662777
Date last updated: 11/20/2014
Date last checked: 3/27/2015
Distance searched: 0.5 miles
Sites:
None Found

BioFuel-US
Bio Diesel Fuel
Category: ERS Supplemental Govt Sources
Description: This database contains a listing of EPA Fuels Programs facilities.
Agency: U.S Environmental Protection Agency
Phone Number: 2023439303
Date last updated: 11/20/2014
Date last checked: 11/18/2014
Distance searched: 0.25 miles
Sites:
None Found

CDL-AZ
Clandestine Drug Labs
Category: ERS Supplemental Govt Sources
Description: This database contains a listing of seized illegal drug laboratory sites where drug manufacturing chemicals were seized. These sites are reported to meet the S.R.S. 12-990(1) definition of a "clandestine drug laboratory."
Agency: Arizona State Board of Technical Registration
Phone Number: 6023644948
Date last updated: 2/2/2015
Date last checked: 2/2/2015
Distance searched: 0.25 miles
Sites:
None Found

CDL-US**National Clandestine Drug Lab Register****Category:** ERS Supplemental Govt Sources**Description:** National Clandestine Drug Lab Register. This database contains a listing of 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.**Agency:** Unites States Drug Enforcement Administration**Phone Number:** 2023071000**Date last updated:** 11/20/2014**Date last checked:** 11/19/2014**Distance searched:** 0.25 miles**Sites:**

None Found

CERCLIS-Archived-US**CERCLIS sites that have been archived****Category:** Federal CERCLIS NFRAP**Description:** This database contains a listing of Archived CERCLIS sites. The Archive designation means that assessment at a site has been completed and EPA has determined no steps will be taken to designate the site as a priority by listing it on the National Priorities List (NPL). No further remedial action is planned for these sites under the Superfund Program.**Agency:** United States Environmental Protection Agency**Phone Number:** 8004249346**Date last updated:** 11/19/2014**Date last checked:** 2/27/2015**Distance searched:** 0.5 miles**Sites:**

None Found

CERCLIS-US**Comprehensive Environmental Response, Compensation, and Liability Information System****Category:** Federal CERCLIS**Description:** CERCLIS is the Comprehensive Environmental Response, Compensation, and Liability Information System. CERCLIS contains information on hazardous waste sites, potential hazardous waste sites, and remedial activities across the nation, including sites that are on the National Priorities List (NPL) or being considered for the NPL. This database contains a listing of NPL Sites.**Agency:** United States Environmental Protection Agency**Phone Number:** 8004249346**Date last updated:** 11/19/2014**Date last checked:** 2/27/2015**Distance searched:** 0.5 miles**Sites:**

None Found

CLF-AZ**Closed Landfills****Category:** State/Tribal Landfill/Solid Waste**Description:** This database contains a listing of Closed Solid Waste Landfills.**Agency:** Arizona Department of Environmental Quality**Phone Number:** 6027712221**Date last updated:** Historical Database**Date last checked:** N/A**Distance searched:** 0.5 miles**Sites:**

None Found

Controls-AZ**Environmental Use Restriction Sites****Category:** State/Tribal Inst/Eng Controls**Description:** Arizona DEQ maintains a DEUR Tracking Database that lists all sites with Environmental Use Restrictions and Voluntary Environmental Mitigation Use Restrictions. This database contains listings of both types.**Agency:** Arizona Department of Environmental Quality**Phone Number:** 6027714397**Date last updated:** 2/4/2015**Date last checked:** 2/4/2015**Distance searched:** 0.5 miles**Sites:**

None Found

Controls-RCRA-US**Federal RCRA with Controls****Category:** Federal Inst/Eng Controls**Description:** This database contains RCRA facilities that have Inst/Eng Controls placed on them as identified by the EPA.**Agency:** Environmental Protection Agency**Phone Number:** 8004249346**Date last updated:** 3/10/2015**Date last checked:** 3/30/2015**Distance searched:** 0.5 miles**Sites:**

None Found

Controls-US**Controls List****Category:** Federal Inst/Eng Controls

Description: This database contains a listing of Voluntary Action Program Sites with Engineering Controls and/or Institutional Controls placed on them and were identified by the Environmental Protection Agency.

Agency: Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 3/12/2015

Date last checked: 3/2/2015

Distance searched: 0.5 miles

Sites:

None Found

Dams-AZ

Arizona Dams

Category: ERS Supplemental Govt Sources

Description: This database contains dam locations in Arizona. The data is provided by the University of Arizona Institutional Repository and has not been updated since 1996.

Agency: United States Environmental Protection Agency

Phone Number: 2022607301

Date last updated: 2/4/2015

Date last checked: 2/4/2015

Distance searched: 0.25 miles

Sites:

None Found

Debris-US

Debris Sites

Category: Federal Solid Waste

Description: This database contains the Torres Martinez Reservation Illegal dump sites reported by the United States Environmental Protection Agency.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.5 miles

Sites:

None Found

Delisted-NPL-US

Delisted NPL Sites

Category: Federal Delisted NPL

Description: This database contains a listing of Delisted NPL sites. These are facilities that have been removed from the NPL list. The EPA may delete a final NPL site if it determines that no further response is required to protect human health or the environment.

Agency: Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 11/19/2014

Date last checked: 2/27/2015

Distance searched: 0.5 miles

Sites:

None Found

DryCleaners-AZ

Dry Cleaner Facilities

Category: ERS Supplemental Govt Sources

Description: This database contains a listing of drycleaners reported by the Arizona Department of Environmental Quality.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027712221

Date last updated: 4/29/2014

Date last checked: 4/28/2014

Distance searched: 0.25 miles

Sites:

None Found

DryWell-AZ

DryWells

Category: ERS Supplemental Govt Sources

Description: This database contains drywell locations reported by the Arizona Department of Environmental Quality.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027714686

Date last updated: 2/4/2015

Date last checked: 2/4/2015

Distance searched: 0.25 miles

Sites:

None Found

EGRID-US

Emissions & Generation Resource Facilities

Category: ERS Supplemental Govt Sources

Description: Emissions & Generation Resource Integrated Database (eGRID) is a comprehensive source of data on the environmental characteristics of almost all electric power generated in the United States.

Agency: Environmental Protection Agency

Phone Number: 2023439340

Date last updated: 3/2/2015

Date last checked: 3/2/2015

Distance searched: 0.5 miles

Sites:

None Found

ERNS-US**Emergency Response Notification System****Category:** Federal ERNS**Description:** The primary function of the National Response Center is to serve as the sole national point of contact for reporting all oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories. This database contains a listing of discharge locations.**Agency:** National Response Center**Phone Number:** 8004248802**Date last updated:** 3/2/2015**Date last checked:** 3/2/2015**Distance searched:** 0.25 miles**Sites:**

None Found

FA-HW-US**Financial Assurance, Hazardous Waste****Category:** ERS Supplemental Govt Sources**Description:** This database contains Financial Assurance facilities listed under the Hazardous Waste program as reported by the United States Environmental Protection Agency.**Agency:** United States Environmental Protection Agency**Phone Number:** 8004249346**Date last updated:** 12/15/2014**Date last checked:** 10/7/2014**Distance searched:** 0.25 miles**Sites:**

None Found

FA-UST-AZ**Financial Assurance for Underground Storage Tanks****Category:** ERS Supplemental Govt Sources**Description:** This database identifies facilities with Underground Storage Tanks that have financial assurance as reported by the Arizona Department of Environmental Quality.**Agency:** Arizona Department of Environmental Quality**Phone Number:** 7852961684**Date last updated:** 2/2/2015**Date last checked:** 2/2/2015**Distance searched:** 0.25 miles**Sites:**

None Found

FRS-US

Facility Registry Index (FINDS)

Category: ERS Supplemental Govt Sources

Description: The Facility Registry System (FRS) is a centrally managed database that identifies facilities, sites or places subject to environmental regulations or of environmental interest.

Agency: Environmental Protection Agency

Phone Number: 2022720167

Date last updated: 11/20/2014

Date last checked: 11/8/2014

Distance searched: 0.25 miles

Sites:

None Found

FTTS-ENF-US**FIFRA/TSCA Tracking System (FTTS) Enforcement Actions**

Category: Federal ASTM Other

Description: The FIFRA/TSCA Tracking System (FTTS) is a regional system used to track compliance activities such as inspections, case review, enforcement actions taken, samples collected, and pesticide grants and cooperative agreement information. The compliance monitoring and enforcement activities are tracked from the time an inspector conducts (or schedules) an inspection until the time the case is closed or the enforcement action is settled. Specific legal citations include, but are not limited to: Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), Toxic Substances Control Act (TSCA), and Emergency Planning and Community Right-to-Know Act (EPCRA).

Agency: United States Environmental Protection Agency

Phone Number: 2025642501

Date last updated: 7/10/2014

Date last checked: 7/2/2014

Distance searched: 1 mile

Sites:

None Found

FTTS-INSP-US**FIFRA/TSCA Tracking System (FTTS) Inspections**

Category: ERS Supplemental Govt Sources

Description: The FIFRA/TSCA Tracking System (FTTS) is a regional system used to track compliance activities such as inspections, case review, enforcement actions taken, samples collected, and pesticide grants and cooperative agreement information. The compliance monitoring and enforcement activities are tracked from the time an inspector conducts (or schedules) an inspection until the time the case is closed or the enforcement action is settled. Specific legal citations include, but are not limited to: Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), Toxic Substances Control Act (TSCA), and Emergency Planning and Community Right-to-Know Act (EPCRA).

Agency: United States Environmental Protection Agency

Phone Number: 2025642501

Date last updated: 7/10/2014

Date last checked: 7/2/2014

Distance searched: 0.25 miles

Sites:

None Found

FUDS-US**Formerly Used Defense Sites**

Category: ERS Supplemental Govt Sources

Description: The Department of Defense (DoD) is responsible for environmental restoration of properties that were formerly owned by, leased to or otherwise possessed by the United States and under the jurisdiction of the Secretary of Defense. Such properties are known as Formerly Used Defense Sites (FUDS). The Army is the executive agent for the program and the U.S. Army Corps of Engineers manages and directs the program's administration. The scope and magnitude of the FUDS program are significant, with more than 9,900 properties identified for potential inclusion in the program. Information about the origin and extent of contamination, land transfer issues, past and present property ownership, and program policies must be evaluated before DoD considers a property eligible for Defense Environment Restoration Account (DERA) funding under the FUDS program. Environmental cleanup procedures at FUDS are similar to those at active DoD installations.

Agency: Department of Defense

Phone Number: 2025284285

Date last updated: 3/13/2015

Date last checked: 3/2/2015

Distance searched: 1 mile

Sites:

None Found

Hist-AFS2-US**Air Facility System for Clean Air Act stationary sources**

Category: Federal ASTM Other

Description: AFS contains emissions, compliance, and enforcement data on stationary sources of air pollution. Regulated sources cover a wide spectrum; from large industrial facilities to relatively small operations such as dry cleaners (automobiles and other mobile air pollution sources are tracked by a different AIRS subsystem (AMS).

Agency: Environmental Protection Agency

Phone Number: 2025645962

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.5 miles

Sites:

None Found

Hist-AFS-US**Air Facility System for Clean Air Act stationary sources**

Category: Federal ASTM Other

Description: AFS contains emissions, compliance, and enforcement data on stationary sources of air pollution. Regulated sources cover a wide spectrum; from large industrial facilities to relatively small operations such as dry cleaners (automobiles and other mobile air pollution sources are tracked by a different AIRS subsystem (AMS).

Agency: Environmental Protection Agency

Phone Number: 2025645962

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.5 miles

Sites:

None Found

Hist-Agriculture

Ranches/Farms, Livestock/Agriculture

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Ranches, Farms, Livestock, and/or Agriculture. This classification covers establishments primarily engaged in the production or feeding of beef cattle, except feedlots. Establishments also included are engaged in the production of cows' milk and other dairy products and in raising dairy heifer replacements. Such farms may process and bottle milk on the farm and sell at wholesale or retail. This category also includes establishments primarily engaged in the production of animal specialties, not elsewhere classified, such as pets, bees, worms, and laboratory animals. Furthermore, this industry includes establishments primarily engaged in the production of cash grains, not elsewhere classified. Primary cash grains in this classification include dry field and seed peas and beans, safflowers, sunflowers, and popcorn.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Auto Dealers

Auto and Truck Dealers

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Auto Dealers. This classification is comprised of establishments involved in the retail sale of new automobiles and light trucks. This category also covers establishments primarily engaged in the retail sale of used cars only, with no sales of new automobiles, new automobile tires, batteries, and other automobile parts and accessories.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Auto Repair

Automotive and Truck Tire Dealers

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Auto Repair and Tire Dealers. This classification is primarily selling, tires, replacement parts, batteries, and other automotive accessories. In addition, many operate service departments.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-AZ

Previously Listed Arizona Sites

Category: ERS Supplemental Govt Sources

Description: ERS has compiled records that have been previously listed in other agency databases. When ERS updates an agency database, if there is a record that was in the older version but the record is not found in the newer version, it is put into this database. The site may have been completely removed, or there was a significant change in the record such as Name, ID, or Address. The information from the old listing is preserved in this database along with which database it was originally in. It is also possible that it was moved from one database to another such as a LUST Open site receiving closure and now being listed in the LUST Closed database.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Chemical Manufacturing

Manufacturing and Distribution of Chemicals, Gases, and/or Solids

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Manufacturing and Distribution of Chemicals, Gases, and/or Solids. This industry classification includes establishments engaged in manufacturing alkalies and chlorine. Examples of products include compressed or liquefied chlorine, sodium or potassium hydroxide, sodium bicarbonate, and soda ash (not produced at mines). Manufacturing of industrial gases (organic as well as inorganic) that may be sold in compressed, liquid, or solid form. Industrial gases include acetylene, argon, carbon dioxide, helium, hydrogen, neon, nitrogen, nitrous oxide, and oxygen. Also, manufacturing industrial inorganic chemicals not elsewhere classified. A few examples are alum, ammonium compounds (except for fertilizer), industrial bleaches (sodium or calcium hypochlorite), chemical catalysts, hydrazine, hydrochloric acid, hydrogen peroxide, inorganic sodium compounds, and sulfuric acid. Other chemicals, not elsewhere classified, such as, fatty acids, essential oils, gelatin (except vegetable), sizes, bluing, laundry soaps, writing and stamp pad ink, industrial compounds, such as boiler and heat insulating compounds, metal, oil, and water treating compounds, waterproofing compounds, and chemical supplies for foundries. This category also includes manufacturing various resins and plastics for sale to other industries that create plastic sheets, rods, films, and other products. The category also includes synthetic rubber, soap and detergents, rayon and acetate fibers. Furthermore, this category includes industrial and household adhesives, glues, caulking compounds, sealants, and linoleum, tile, rubber cements from vegetable, hardwood and softwood distillation products, natural dyes, tanning materials, and related products

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Cleaners

Laundry, Cleaners, and Dry Cleaning Services

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites, such as: Laundry, Cleaners, and Dry Cleaning Services. This category includes firms that primarily operate mechanical laundries powered with steam or other means, offer services, such as, dry cleaning or dyeing apparel, household fabrics, cleaning carpets and upholstered furniture, repair, alteration, and storage of clothes for individuals. Also, these establishments may provide laundered or dry-cleaned services to industrial, commercial, and government users. This category also includes establishments that primarily serve as agents for launderers and drycleaners. Furthermore, this category also includes businesses that primarily supply or rent to commercial establishments or household users the following laundered items: uniforms, gowns, and coats used by doctors, nurses, barbers, beauticians, and waitresses; table linens, bed linens, towels and toweling; and similar various items.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Dumps-US

Dumps Inventory of 1985

Category: Federal Solid Waste

Description: This database contains Dumps as reported on the Inventory of Open Dumps from 1985. This report was published by the Office of Solid Waste, EPA.

Agency: Environmental Protection Agency

Phone Number: 2025660200

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.5 miles

Sites:

None Found

Hist-FIFRA-US

Case Administration Data from National Compliance Database (Federal Insecticide, Fungicide, and Rodenticide Act)

Category: ERS Supplemental Govt Sources

Description: This database is no longer maintained by EPA since 2006. The system tracked compliance monitoring and enforcement activities from the time an inspector conducts an inspection until the inspector closes the case or settles any resulting enforcement action(s). EPA now has the ICS database to track this information.

Agency: U.S. Environmental Protection Agency

Phone Number: 2025642501

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Machine Shop

Machine Shops, Welding, Machine Repair

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites, such as: Machine shops, welding shops and machine repair.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Manufacturing

Historic Sources US: Manufacturing

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes manufacturing sites.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Metal Plating

Metal Plating

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes metal plating sites.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

HIST-MLTS-US

Material Licensing Tracking System

Category: ERS Supplemental Govt Sources

Description: This database contains facilities listed on the Material Licensing Tracking system that possess or use radioactive materials as reported by the U.S. Nuclear Regulatory Commission. In late 2012, the agency changed from MLTS to WBL system and no longer keep track of certain information that was available in the old MLTS system.

Agency: U.S. Nuclear Regulatory Commission

Phone Number: 3014157169

Date last updated: 12/18/2014

Date last checked: 12/18/2014

Distance searched: 0.25 miles

Sites:

None Found

Hist-Mortuaries

Crematories/Mortuaries

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Mortuaries and Crematories. This classification includes establishments primarily engaged in preparing the dead for burial, conducting funerals, and cremating the dead.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Paint-Stores

Paint Stores

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes paint stores.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Petroleum

Petroleum Refining/ Manufacturing/ Chemicals

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Petroleum Refining, Manufacturing, and/or processing Chemicals. This category covers establishments engaged primarily in producing gasoline, kerosene, distillate fuel oils, residual fuel oils, and lubricants through fractionation or straight distillation of crude oil, re-distillation of unfinished petroleum derivatives, cracking, or other processes. This category also includes establishments primarily engaged in manufacturing packaged fuel, powdered fuel, and other products of petroleum and coal not elsewhere classified, asphalt and tar paving mixtures and paving blocks made of asphalt mixed. Furthermore, this category includes establishments primarily engaged in blending, compounding, and re-refining lubricating oils and greases from purchased mineral, animal, and vegetable materials.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Printers

Printers and Publishers

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Printers and Publishers. This category is primarily engaged in publishing newspapers or in publishing and printing newspapers, publishing and printing periodicals, publishing and printing books and pamphlets. Other forms of publishing not elsewhere classified, such as, atlases, business service newsletters, calendars, catalogs, directories, guides, maps and map globe covers, paper patterns, race track programs, racing forms, sheet music, shopping news, technical manuals and papers, telephone directories, and yearbooks, as well as the activity of micropublishing. This category also includes, commercial printing of magazines, postage stamps, dollar bills, calendars, fine art prints, wallpaper, catalogs, coupons, directories, newspaper advertising inserts, playing cards, postcards, gift wrap, and product packaging and wrappers, greeting cards, blank books, including checkbooks and books with ruling paper, and loose-leaf binders. Furthermore, these industries are also engaged in typesetting for the trade, including advertising typesetting, hand or machine composition, photocomposition, phototypesetting, computer-controlled typesetting, and typographic composition.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-RV-Dealers

Trailer and Recreational Vehicle Dealers

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Trailer and Recreational Vehicle Dealers. This classification is comprised of establishments involved in the retail sale of new and used motor homes, recreational trailers, and campers (pickup coaches), motorcycles, motorboats and other watercraft, marine supplies, and outboard motors.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Salvage

Vehicle Salvage Yards or Wreckers

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Vehicle Salvage Yards or Wreckers.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Service Stations

Service Stations/Vehicle Fueling

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Service Stations/Vehicle Fueling Stations. This category includes gasoline service stations primarily engaged in selling gasoline and lubricating oils. These establishments frequently sell other merchandise, such as tires, batteries, and other automobile parts, or perform minor repair work.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-SPILLS-AZ**Arizona Spills Reported**

Category: Emergency Release Reports

Description: This database includes the incidents identified in the Hazardous Material Logbook reported by the Arizona Department of Environmental Quality. The data only reports incidents prior to November 22, 2001.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027714380

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Transportation**Transportation Facilities**

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Airports and other facilities that may handle hazardous materials and petroleum products.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Trucking**Trucking, Shipping, Delivery, and/or Storage**

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Trucking, Shipping, and/or Delivery Storage. This category covers establishments primarily engaged in furnishing trucking or transfer services without storage for freight generally weighing more than 100 pounds, in a single municipality, contiguous municipalities, or a municipality and its suburban areas. This category also includes establishments primarily engaged in the delivery of individually addressed letters, parcels, and packages (generally under 100 pounds), except by means of air transportation or by the United States Postal Service. This category covers establishments primarily engaged in furnishing "over-the-road" trucking services or storage services, including household goods either as common carriers or under special or individual contracts or agreements, for freight generally weighing more than 100 pounds. This category also includes establishments primarily engaged in the warehousing and storage of special products, not elsewhere classified, such as household goods, automobiles (dead storage only), furs (for the trade), textiles, oil, chemicals, lumber, whiskey, and goods at foreign trade zones, farm products, perishable goods under refrigeration.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-US

Previously Listed Federal Sites

Category: ERS Supplemental Govt Sources

Description: ERS has compiled records that have been previously listed in other agency databases. When ERS updates an agency database, if there is a record that was in the older version but the record is not found in the newer version, it is put into this database. The site may have been completely removed, or there was a significant change in the record such as Name, ID, or Address. The information from the old listing is preserved in this database along with which database it was originally in. It is also possible that it was moved from one database to another such as a LUST Open site receiving closure and now being listed in the LUST Closed database.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-US-EC

Engineering Controls Sites List

Category: Federal Inst/Eng Controls

Description: This database contains a listing of Voluntary Action Program Sites with Engineering Controls placed on them and were identified by the Environmental Protection Agency.

Agency: Environmental Protection Agency

Phone Number: 8004249346

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.5 miles

Sites:

None Found

Hist-US-IC

Sites with Institutional Controls

Category: Federal Inst/Eng Controls

Description: This database contains a listing of Voluntary Action Program Sites with Institutional Controls placed on them and were identified by the Environmental Protection Agency.

Agency: Environmental Protection Agency

Phone Number: 8004249346

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.5 miles

Sites:

None Found

Hist-Vehicle-Parts

Vehicle Parts

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Vehicle Parts Dealers. This category includes establishments primarily engaged in the retail sale of new automobile tires, batteries, and other automobile parts and accessories.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

HMIS-US

Hazardous Materials Information System

Category: Federal Emergency Release Reports

Description: Data includes spills, releases, or other incidents involving hazardous materials in commerce during the course of transportation. All modes of transportation are included except pipeline and bulk marine transportation. Data represent a census of all incidents reportable to the U.S. Department of Transportation This database contains a listing of spills. (DOT). U.S. federal regulations require all spills meeting the following criteria to be reported, in writing, to DOT's Office of Hazardous Materials Safety.

Agency: US Department of Transportation Pipeline and Hazardous Materials Safety Administration

Phone Number: 2023664433

Date last updated: 3/8/2015

Date last checked: 3/2/2015

Distance searched: 0.25 miles

Sites:

None Found

ICIS-FEC-US

Integrated Compliance Information System for Federal Enforcement Data

Category: ERS Supplemental Govt Sources

Description: The Integrated Compliance Information System (ICIS) tracks all formal administrative and judicial enforcement actions taken by the U.S. EPA and is used as the system of record to provide official enforcement data.

Agency: Environmental Protection Agency

Phone Number: 2025646962

Date last updated: 11/24/2014

Date last checked: 11/24/2014

Distance searched: 0.5 miles

Sites:

None Found

ICIS-NPDES-US

National Pollutant Discharge Elimination System (NPDES)

Category: ERS Supplemental Govt Sources

Description: The National Pollutant Discharge Elimination System (NPDES) permit program controls water pollution by regulating point sources that discharge pollutants into waters of the United States. This database contains a listing of permit holders.

Agency: United States Environmental Protection Agency

Phone Number: 2022720167

Date last updated: 2/17/2015

Date last checked: 2/27/2015

Distance searched: 0.25 miles

Sites:

None Found

Lead-US

Lead Smelter Sites

Category: ERS Supplemental Govt Sources

Description: This database contains lead smelter sites reported by the Environmental Protection Agency.

Agency: Environmental Protection Agency

Phone Number: 2025645962

Date last updated: 11/21/2014

Date last checked: 11/21/2014

Distance searched: 0.25 miles

Sites:

None Found

LIENS-US

Federal LIEN Sites

Category: Federal Inst/Eng Controls

Description: This database contains sites that have had Federal Liens filed on them as reported by the EPA.

Agency: U.S. Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 3/2/2015

Date last checked: 3/2/2015

Distance searched: 0.5 miles

Sites:

None Found

LUST-Closed-AZ

Leaking Underground Storage Tanks, Closed Cases

Category: State/Tribal LUST

Description: This database contains a listing of LUST Closed cases where remediation cleanup is complete.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027712300

Date last updated: 2/4/2015

Date last checked: 2/4/2015

Distance searched: 0.5 miles

Sites:

None Found

LUST-Open-AZ

Leaking Underground Storage Tanks, Open Cases

Category: State/Tribal LUST

Description: This database contains a listing of Open LUST cases where remediation cleanup is not complete.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027712300

Date last updated: 2/4/2015

Date last checked: 2/4/2015

Distance searched: 0.5 miles

Sites:

None Found

Manifest2-NY

Hazardous Waste Manifest

Category: State/Tribal RCRA Equivalent

Description: The New York Department of Environmental Conservation, Hazardous Waste Manifest System lists sites from all over the country, not just New York. To be thorough, ERS has searched the data subset that includes Arizona sites for listings on or near the subject site that are listed in the New York Department of Environmental Conservation, Hazardous Waste Manifest System.

Agency: New York State Department of Environmental Conservation

Phone Number: 5184028730

Date last updated: 12/9/2014

Date last checked: 12/5/2014

Distance searched: 0.25 miles

Sites:

None Found

Manifest2-RI

Hazardous Waste Manifest

Category: State/Tribal RCRA Equivalent

Description: The Rhode Island Department of Environmental Management, Hazardous Waste Manifest System lists sites from all over the country, not just Rhode Island. To be thorough, ERS has searched the data subset that includes Arizona sites for listings on or near the subject site that are listed in the Rhode Island Department of Environmental Management, Hazardous Waste Manifest System.

Agency: Rhode Island Department of Environmental Management

Phone Number: 4012222797

Date last updated: 12/16/2014

Date last checked: 12/16/2014

Distance searched: 0.25 miles

Sites:

None Found

Mines-AZ

Arizona Mines

Category: ERS Supplemental Govt Sources

Description: This database contains arizona mine sites reported by the Arizona State Land Department.

Agency: Arizona State Land Department.

Phone Number: 6025424631

Date last updated: 9/10/2014

Date last checked: 10/27/2014

Distance searched: 0.25 miles

Sites:

GRAND PACIFICMapID: [1](#) Listed**MINES-US****Mines Master Index File****Category:** ERS Supplemental Govt Sources**Description:** The Master Index file contains mine identification numbers issued for mines active or opened since 1971.**Agency:** United States Department of Labor**Phone Number:** 8777786055**Date last updated:** 11/24/2014**Date last checked:** 11/21/2014**Distance searched:** 0.25 miles**Sites:**

None Found

MLTS-US**Material Licensing Tracking System****Category:** ERS Supplemental Govt Sources**Description:** This database contains facilities listed on the Material Licensing Tracking system that possess or use radioactive materials as reported by the U.S. Nuclear Regulatory Commission.**Agency:** U.S. Nuclear Regulatory Commission**Phone Number:** 3014157169**Date last updated:** 12/18/2014**Date last checked:** 12/18/2014**Distance searched:** 0.25 miles**Sites:**

None Found

MRDS-US**Mineral Resources Data System (MRDS)****Category:** ERS Supplemental Govt Sources**Description:** MRDS is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references.**Agency:** U.S. Geologic Survey**Phone Number:** 8882758747**Date last updated:** 10/14/2014**Date last checked:** 10/10/2014**Distance searched:** 0.25 miles**Sites:**

Grand Pacific Mine

Grand Pacific

MapID: [2](#) ListedMapID: [3](#) Listed

NPDES-AZ**National Pollutant Discharge Elimination System (NPDES)****Category:** ERS Supplemental Govt Sources**Description:** This database contains a listing of National Pollutant Discharge Elimination System (NPDES) permit program facilities.**Agency:** Arizona Department of Environmental Quality**Phone Number:** 6027714334**Date last updated:** 10/27/2014**Date last checked:** 10/27/2014**Distance searched:** 0.25 miles**Sites:**

None Found

NPL-US**National Priorities List****Category:** Federal NPL**Description:** The National Priorities List is the list of national priorities among the known releases or threatened releases of hazardous substances, pollutants, or contaminants throughout the United States and its territories. The NPL is intended primarily to guide the EPA in determining which sites warrant further investigation. This database contains a listing of NPL sites.**Agency:** United States Environmental Protection Agency**Phone Number:** 8004249346**Date last updated:** 11/21/2014**Date last checked:** 2/27/2015**Distance searched:** 1 mile**Sites:**

None Found

OGW-AZ**Arizona Oil and Gas Wells****Category:** ERS Supplemental Govt Sources**Description:** This database contains a listing of Oil and Gas Wells identified by the Arizona Geological Survey.**Agency:** Arizona Geological Survey**Phone Number:** 5207703500**Date last updated:** 10/27/2014**Date last checked:** 10/27/2014**Distance searched:** 0.25 miles**Sites:**

None Found

Oil-Centers-AZ

Used Oil Collection Centers

Category: State/Tribal ASTM Other

Description: This database contains a listing of registered Used Oil Collection Centers in Arizona.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027714140

Date last updated: 2/4/2015

Date last checked: 2/4/2015

Distance searched: 0.5 miles

Sites:

None Found

PADS-US**PCB Registration Database System**

Category: Federal ASTM Other

Description: This database contains a listing of generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Agency: Environmental Protection Agency

Phone Number: 2025660500

Date last updated: 3/2/2015

Date last checked: 3/2/2015

Distance searched: 0.5 miles

Sites:

None Found

PCB-US**PCB Transformers**

Category: Federal ASTM Other

Description: PCB Transformer Registration Database. This database indicates the best known current status of registered PCB transformers

Agency: U.S Environmental Protection Agency

Phone Number: 7033088404

Date last updated: 3/2/2015

Date last checked: 3/2/2015

Distance searched: 0.25 miles

Sites:

None Found

PCS-US**Permit Compliance System for Clean Water Act**

Category: ERS Supplemental Govt Sources

Description: PCS is an information management system maintained by the Office of Compliance to track permit compliance and enforcement status of facilities regulated by the National Pollutant Discharge Elimination System (NPDES) under the Clean Water Act. PCS is designed to support the NPDES program at the state, regional, and national levels.

Agency: Environmental Protection Agency

Phone Number: 2025640221

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

RADINFO-US

Radiation Information Database

Category: ERS Supplemental Govt Sources

Description: This database contains a listing of facilities that are regulated by the US EPA regulations for radiation and radioactivity.

Agency: Environmental Protection Agency

Phone Number: 2023439775

Date last updated: 12/23/2014

Date last checked: 12/23/2014

Distance searched: 0.5 miles

Sites:

None Found

RCRA-CESQG-US

Resource Conservation and Recovery Act, Conditionally Exempt Small Quantity Generators

Category: Federal RCRA Generators

Description: The primary goals of RCRA are to: Protect human health and the environment from the potential hazards of waste disposal. Conserve energy and natural resources. Reduce the amount of waste generated. Ensure that wastes are managed in an environmentally sound manner. This database contains a listing of Conditionally Exempt Small Quantity Generators.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 11/17/2014

Date last checked: 9/17/2014

Distance searched: 0.25 miles

Sites:

None Found

RCRA-COR-US

Resource Conservation and Recovery Act - Corrective Actions

Category: Federal RCRA CORRACTS

Description: The primary goals of RCRA are to: Protect human health and the environment from the potential hazards of waste disposal. Conserve energy and natural resources. Reduce the amount of waste generated. Ensure that wastes are managed in an environmentally sound manner.

EPA estimates that between 50 and 70 percent of all TSDFs have some degree of environmental contamination requiring detailed investigation and perhaps cleanup. Under a program entitled Corrective Action, EPA has the statutory authority to require permitted and interim status TSDFs to clean up hazardous waste contamination. This database contains a listing of sites that have had corrective action.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 11/17/2014

Date last checked: 9/17/2014

Distance searched: 1 mile

Sites:

None Found

RCRA-LQG-US

Resource Conservation and Recovery Act, Large Quantity Generators

Category: Federal RCRA Generators

Description: The primary goals of RCRA are to: Protect human health and the environment from the potential hazards of waste disposal. Conserve energy and natural resources. Reduce the amount of waste generated. Ensure that wastes are managed in an environmentally sound manner. This database contains a listing of Large Quantity Generators.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 11/17/2014

Date last checked: 9/17/2014

Distance searched: 0.25 miles

Sites:

None Found

RCRA-NON-US

Resource Conservation and Recovery Act

Category: Federal RCRA Generators

Description: The primary goals of RCRA are to: Protect human health and the environment from the potential hazards of waste disposal. Conserve energy and natural resources. Reduce the amount of waste generated. Ensure that wastes are managed in an environmentally sound manner. This database contains a listing of RCRA Non-Hazardous generators.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 11/17/2014

Date last checked: 9/17/2014

Distance searched: 0.25 miles

Sites:

None Found

RCRA-SQG-US

Resource Conservation and Recovery Act, Small Quantity Generators

Category: Federal RCRA Generators

Description: The primary goals of RCRA are to: Protect human health and the environment from the potential hazards of waste disposal. Conserve energy and natural resources. Reduce the amount of waste generated. Ensure that wastes are managed in an environmentally sound manner. This database contains a listing of Small Quantity Generators.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 11/17/2014

Date last checked: 9/17/2014

Distance searched: 0.25 miles

Sites:

None Found

RCRA-TSD-US

Resource Conservation and Recovery Act - Treatment, Storage, and Disposal sites

Category: Federal RCRA non-CORRACTS TSD

Description: The primary goals of RCRA are to: Protect human health and the environment from the potential hazards of waste disposal. Conserve energy and natural resources. Reduce the amount of waste generated. Ensure that wastes are managed in an environmentally sound manner.

This database contains a listing of Treatment, Storage and Disposal Facilities - Facilities that receive hazardous waste from generators or other facilities for treatment, storage or disposal of waste are known as TSDFs.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 11/17/2014

Date last checked: 9/17/2014

Distance searched: 0.5 miles

Sites:

None Found

RemOther-Closed-AZ

Remediation Other Sites

Category: State/Tribal ASTM Other

Description: Sites reported by the Arizona Department of Environmental Quality where the owner has elected to remediate the property without the use of an institutional or engineering control.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027714397

Date last updated: 2/4/2015

Date last checked: 2/4/2015

Distance searched: 0.5 miles

Sites:

None Found

RemOther-Open-AZ

Remediation Other Sites

Category: State/Tribal ASTM Other

Description: Sites reported by the Arizona Department of Environmental Quality where the owner has elected to remediate the property without the use of an institutional or engineering control.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027714397

Date last updated: 2/4/2015

Date last checked: 2/4/2015

Distance searched: 0.5 miles

Sites:

None Found

RFG-Lab-US**Reformulated Gasoline (RFG)**

Category: ERS Supplemental Govt Sources

Description: This database includes the list of registered Reformulated Gasoline Laboratories.

Agency: Environmental Protection Agency, United States

Phone Number: 2023439303

Date last updated: 3/2/2015

Date last checked: 3/2/2015

Distance searched: 0.25 miles

Sites:

None Found

RMP-US**Risk Management Plans**

Category: ERS Supplemental Govt Sources

Description: This database contains facilities that have developed risk management plans as reported by the Environmental Protection Agency. The System for Risk Management Plans (SRMP) is a suite of electronic systems containing information relating to risk management plans submitted by facilities in accordance with the Clean Air Act, Section 112(r). Affected facilities are to develop risk management programs which will prevent and minimize consequences of accidental releases of certain hazardous chemicals that could harm public health and the environment.

Agency: Environmental Protection Agency

Phone Number: 2025642491

Date last updated: 3/12/2015

Date last checked: 3/2/2015

Distance searched: 0.25 miles

Sites:

None Found

ROD-US**Records of Decision**

Category: ERS Supplemental Govt Sources

Description: The Record of Decision (ROD) is a public document that explains which cleanup alternatives will be used to clean up a Superfund site. The ROD for sites listed on the NPL (NPL Site Listing Process) is created from information generated during the Remedial Investigation/Feasibility Study (RI/FS). A ROD contains site history, site description, site characteristics, community participation, enforcement activities, past and present activities, contaminated media, the contaminants present, scope and role of response action and the remedy selected for cleanup. This database contains a listing of sites with RODs.

Agency: Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 3/2/2015

Date last checked: 3/2/2015

Distance searched: 0.5 miles

Sites:

None Found

SAA-Agreements-US

Sites with Superfund Alternative Approach Agreements

Category: Federal ASTM Other

Description: This database contains sites that have a Superfund Alternative agreement. The Superfund alternative (SA) approach uses the same investigation and cleanup process and standards that are used for sites listed on the NPL. The SA approach is an alternative to listing a site on the NPL; it is not an alternative to Superfund or the Superfund process.

Agency: Environmental Protection Agency

Phone Number: 2025645110

Date last updated: 3/2/2015

Date last checked: 3/2/2015

Distance searched: 1 mile

Sites:

None Found

SDWIS-US

Safe Drinking Water Information System

Category: ERS Supplemental Govt Sources

Description: This database contains the Safe Drinking Water Information including Public Water, Source and Treatment, Enforcements and Violations reported by the United States Environmental Protection Agency.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 3/11/2015

Date last checked: 3/10/2015

Distance searched: 0.25 miles

Sites:

None Found

SS-AZ

Superfund Sites

Category: State/Tribal CERCLIS Equivalent

Description: This database contains superfund sites in Arizona. The data is provided by the University of Arizona Institutional Repository and last updated in 1997.

Agency: United States Environmental Protection Agency

Phone Number: 2022607301

Date last updated: 2/4/2015

Date last checked: 2/4/2015

Distance searched: 0.5 miles

Sites:

None Found

SSTS-US

Section 7 Tracking System

Category: ERS Supplemental Govt Sources

Description: This database contains a listing of EPA-registered domestic pesticide-producing and device producing establishments and the pesticides produced based on data in the Section Seven Tracking System.

Agency: Environmental Protection Agency

Phone Number: 2025644203

Date last updated: 12/24/2014

Date last checked: 1/1/2015

Distance searched: 0.25 miles

Sites:

None Found

SWT-AZ

Special Waste Transporter List

Category: ERS Supplemental Govt Sources

Description: This database contains special waste transporter sites as reported by the Arizona Department of Environmental Quality. Special waste is classified as waste that contains petroleum contaminated soils and waste from shredding motor vehicles.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027712221

Date last updated: 2/4/2015

Date last checked: 2/4/2015

Distance searched: 0.25 miles

Sites:

None Found

Transfer-AZ

Transfer Stations

Category: State/Tribal Landfill/Solid Waste

Description: This database contains active transfer stations as reported by the Arizona Department of Environmental Quality.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027712221

Date last updated: 2/4/2015

Date last checked: 2/4/2015

Distance searched: 0.5 miles

Sites:

None Found

Tribal-Air-US

Tribal Air Permitted Facilities

Category: Federal ASTM Other

Description: This database contains tribal locations that have been issued air permits as reported by the US Environmental Protection Agency. At this time the database includes region 2, 5, 7, 8, 9, 10.

Agency: United States Environmental Protection Agency

Phone Number: 3123532000

Date last updated: 1/21/2015

Date last checked: 1/21/2015

Distance searched: 0.5 miles

Sites:

None Found

Tribal-BF-US

Tribal Brownfields

Category: Federal Brownfield

Description: This database contains a listing of Brownfields on Native American Land identified by the United States Environmental Protection Agency.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 5/16/2014

Date last checked: 5/16/2014

Distance searched: 0.5 miles

Sites:

None Found

Tribal-LUST-Closed-Reg9

Tribal Leaking Underground Storage Tanks

Category: Federal LUST

Description: This database contains a listing of Leaking Underground Storage Tanks on Native American Land identified by the United States Environmental Protection Agency in Region 9.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 3/27/2015

Date last checked: 3/27/2015

Distance searched: 0.5 miles

Sites:

None Found

Tribal-LUST-Open-Reg9

Tribal Leaking Underground Storage Tanks

Category: Federal LUST

Description: This database contains a listing of Leaking Underground Storage Tanks on Native American Land identified by the United States Environmental Protection Agency in Region 9.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 3/27/2015

Date last checked: 3/27/2015

Distance searched: 0.5 miles

Sites:

None Found

Tribal-ODI-US

Tribal Open Dump Sites

Category: Federal Solid Waste

Description: This database contains a listing of Open Dump Sites on Native American Land identified by the Indian Health Service

Agency: Indian Health Service

Phone Number: 3014431046

Date last updated: 5/19/2014

Date last checked: 5/16/2014

Distance searched: 0.5 miles

Sites:

None Found

Tribal-UST-Reg9

Tribal Underground Storage Tanks

Category: Federal UST

Description: This database contains a listing of Underground Storage Tanks on Native American Land identified by the United States Environmental Protection Agency in Region 9.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 3/27/2015

Date last checked: 3/27/2015

Distance searched: 0.25 miles

Sites:

None Found

Tribal-VCP-US**Tribal VCP****Category:** Federal Tribal VCP**Description:** This database contains voluntary cleanup sites located in tribal land as reported by the United States Environmental Protection Agency.**Agency:** United States Environmental Protection Agency**Phone Number:** 8004249346**Date last updated:** 6/27/2014**Date last checked:** 6/24/2014**Distance searched:** 0.5 miles**Sites:**

None Found

TRIS2000-US**Toxics Release Inventory System****Category:** ERS Supplemental Govt Sources**Description:** TRIS is a EPA database reported annually by certain covered industry groups, as well as federal facilities. It contains information about more than 650 toxic chemicals that are being used, manufactured, treated, transported, or released into the environment, and includes information about waste management and pollution prevention activities. This database contains a listing of facilities that reported in the years between 2000-2009.**Agency:** Environmental Protection Agency**Phone Number:** 8004249346**Date last updated:** 10/13/2014**Date last checked:** 10/9/2014**Distance searched:** 0.25 miles**Sites:**

None Found

TRIS2010-US**Toxics Release Inventory System****Category:** ERS Supplemental Govt Sources**Description:** TRIS is a EPA database reported annually by certain covered industry groups, as well as federal facilities. It contains information about more than 650 toxic chemicals that are being used, manufactured, treated, transported, or released into the environment, and includes information about waste management and pollution prevention activities. This database contains a listing of facilities that reported in the years between 2010-2012.**Agency:** Environmental Protection Agency**Phone Number:** 8004249346**Date last updated:** 10/13/2014**Date last checked:** 10/9/2014**Distance searched:** 0.25 miles**Sites:**

None Found

TRIS80-US

Toxics Release Inventory System

Category: ERS Supplemental Govt Sources

Description: TRIS is a EPA database reported annually by certain covered industry groups, as well as federal facilities. It contains information about more than 650 toxic chemicals that are being used, manufactured, treated, transported, or released into the environment, and includes information about waste management and pollution prevention activities. This database contains a listing of facilities that reported in the years between 1987-1989.

Agency: Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 10/13/2014

Date last checked: 10/9/2014

Distance searched: 0.25 miles

Sites:

None Found

TRIS90-US

Toxics Release Inventory System

Category: ERS Supplemental Govt Sources

Description: TRIS is a EPA database reported annually by certain covered industry groups, as well as federal facilities. It contains information about more than 650 toxic chemicals that are being used, manufactured, treated, transported, or released into the environment, and includes information about waste management and pollution prevention activities. This database contains a listing of facilities that reported in the years between 1990-1999.

Agency: Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 10/13/2014

Date last checked: 10/9/2014

Distance searched: 0.25 miles

Sites:

None Found

TSCA-US

Toxics Substance Control Sites

Category: ERS Supplemental Govt Sources

Description: TSCA addresses the production, importation, use, and disposal of specific chemicals including polychlorinated biphenyls (PCBs), asbestos, radon and lead-based paint. This database contains a listing of these facilities.

Agency: U.S. Environmental Protection Agency

Phone Number: 2025642501

Date last updated: 11/24/2014

Date last checked: 11/21/2014

Distance searched: 0.25 miles

Sites:

None Found

UIC-AZ**Underground Injection Control Wells**

Category: ERS Supplemental Govt Sources

Description: This database contains Underground Injection Control Wells reported by the Arizona Geological Survey.

Agency: Arizona Geological Survey.

Phone Number: 5207703500

Date last updated: 2/3/2015

Date last checked: 3/21/2014

Distance searched: 0.25 miles

Sites:

None Found

USGS-Waterwells-US**Ground Water Site Inventory**

Category: ERS Supplemental Govt Sources

Description: This database contains a listing of wells, springs, test holes, tunnels, drains, and excavations reported by the United States Geological Survey, Water Resources Program.

Agency: United States Geological Survey, Water Resources Program

Phone Number: 9162783000

Date last updated: 5/15/2014

Date last checked: 5/15/2014

Distance searched: 0.25 miles

Sites:

None Found

UST-AZ**Underground Storage Tanks**

Category: State/Tribal UST

Description: This database contains a listing of Registered Underground Storage Tanks in Arizona.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027712300

Date last updated: 2/3/2015

Date last checked: 2/3/2015

Distance searched: 0.25 miles

Sites:

None Found

Vapor-Intrusions-US**Vapor Intrusion Database**

Category: ERS Supplemental Govt Sources

Description: This database contains the vapor intrusion database as reported by the Environmental Protection Agency.

Agency: Environmental Protection Agency

Phone Number: 7033057411

Date last updated: 10/3/2014

Date last checked: 9/26/2014

Distance searched: 0.5 miles

Sites:

None Found

VCP-Closed-AZ

Voluntary Cleanup Program Sites, Closed Cases

Category: State/Tribal Voluntary Cleanup Sites

Description: This database contains a listing of Voluntary Cleanup Program Sites where the contamination on the property has been cleaned up.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027714153

Date last updated: 8/19/2014

Date last checked: 10/27/2014

Distance searched: 0.5 miles

Sites:

None Found

VCP-Open-AZ

Voluntary Cleanup Program Sites, Open Cases

Category: State/Tribal Voluntary Cleanup Sites

Description: This database contains a listing of Voluntary Cleanup Program Sites where the contamination on the property has been cleaned up.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027714153

Date last updated: 8/19/2014

Date last checked: 10/27/2014

Distance searched: 0.5 miles

Sites:

None Found

Waste-tire-AZ

Waste Tire Sites

Category: ERS Supplemental Govt Sources

Description: This database contains a listing of Waste Tire Sites registered through the Arizona Department of Environmental Quality.

Agency: Arizona Department of Environmental Quality

Phone Number: 602-771-41

Date last updated: 10/30/2014

Date last checked: 10/30/2014

Distance searched: 0.5 miles

Sites:

None Found

Wells-AZ

Arizona Wells

Category: ERS Supplemental Govt Sources

Description: This database contains a listing of Arizona wells.

Agency: Arizona Department of Water Resources

Phone Number: 6027718640

Date last updated: 10/30/2014

Date last checked: 10/30/2014

Distance searched: 0.25 miles

Sites:

None Found

WQARF-AZ

Water Quality Assurance Revolving Fund Sites

Category: State/Tribal NPL

Description: The program identifies sites that are most in need of cleanup and adds them to the WQARF Registry. Sites on the Registry receive first consideration for distribution of funds.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027714401

Date last updated: 2/4/2015

Date last checked: 2/4/2015

Distance searched: 1 mile

Sites:

None Found

UN-MAPPABLE OCCURRENCES

The following occurrences were not mapped primarily due to incomplete or inaccurate address information. All of the following occurrences were determined to share the same zip code as the area searched. General status information is given with each occurrence along with any address information entered by the agency responsible for the list.

ID	Facility Name	Address	Database	Status
No "un-mapped" sites requested.				

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RecCheck

Area

Report Results

The Standard for ASTM/AAI Radius Searches

(One Mile Environmental Records Search, Exceeds ASTM 1527/1528 and EPA AII Appropriate Inquiry)

REPORT RESULTS



Site Location:

105-15-003 And 105-15-004

Pinal County, AZ 85173

(N 33-16-30, W 111-4-15) NAD83

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EXECUTIVE SUMMARY

INFORMATION ON THE REQUESTED LOCATION

Site Address:	105-15-003 And 105-15-004 Pinal County, AZ 85173
Client Project Name/Number:	210465190
Coordinates:	N 33-16-30, W 111-4-15 (NAD 83) 33.2750176437333, -111.070770252597
Date of Report	April 10, 2015
ERS Project Number:	210465190
Subject Site Listed on the following lists:	Mines-AZ,MRDS-US
Subject Site Listed as Map ID#:	1, 2 (Click here for details)
USGS 7.5 Minute Quad Map:	Superior
Township, Section and Range:	Township: 02S Range: 12E Section: 012
Site Elevation: (feet above mean sea level)	Approximately 4414 ft near the center of the area.
Flood Zone: (FEMA Q3 Digital Data)	Panel: 04021C0290E, Effective Date: 12/4/2007 Zone X - Area of minimal flood hazard, usually depicted on FIRMs as above the 500-year flood level.
Fire Insurance Map Coverage:	No
Radon Information:	EPA Radon Zone: 2 (Predicted avg for county: 2 to 4 pCi/L)
Search Radius Expansion Size: (In Miles)	0
Soil Type: (USDA Soil Survey Geographic Database) (SSURGO)	Rock outcrop-Woodcutter complex, tuff, 15 to 50 percent slopes Map Unit Type: Complex Hydric: No Drainage Class: Well drained General Information: Loamy-skeletal, mixed, superactive, thermic Aridic Lithic Argiustolls
Zip Codes Searched for "Un-Mappable" Sites:	Not Researched
Occurrence Count:	8

SUMMARY OF OCCURRENCES

MAP ID	ID/SITE NAME	ADDRESS	DATABASE	STATUS	DISTANCE (MILES)	ELEV DIFF (FEET)
<u>1</u> Maps: <u>1, 3</u>	6479 DAGGS GROUP		Mines-AZ	Listed	Subject Site	N/A
<u>2</u> Maps: <u>1, 3</u>	10113245 Daggs Group		MRDS-US	Listed	Subject Site	N/A
<u>3</u> Maps: <u>1, 3</u>	6483 BELMONT COPPER PROPERTY		Mines-AZ	Listed	0.13 W	N/A
<u>4</u> Maps: <u>1, 3</u>	6495 GRAND PACIFIC		Mines-AZ	Listed	0.15 S	N/A
<u>5</u> Maps: <u>1, 3</u>	10048317 Grand Pacific Mine		MRDS-US	Listed	0.16 S	N/A
<u>6</u> Maps: <u>1, 3</u>	10283301 Grand Pacific		MRDS-US	Listed	0.16 S	N/A
<u>7</u> Maps: <u>1, 3</u>	10210657 Belmont Copper Property		MRDS-US	Listed	0.17 W	N/A
<u>8</u> Maps: <u>1, 3</u>	10088908 Belmont Mine		MRDS-US	Listed	0.22 W	N/A

DATABASE OCCURRENCE SUMMARY

HIGH RISK* OCCURRENCES IDENTIFIED IN REQUESTED SEARCH RADIUS		
DATABASE SEARCHED	DISTANCE SEARCHED (MILES)	HIGH RISK OCCURRENCES FOUND
ASPL-AZ	0.5	0
BF-Open-AZ	0.5	0
CERCLIS-US	0.5	0
LUST-Open-AZ	0.5	0
NPL-US	1	0
SAA-Agreements-US	1	0
Tribal-LUST-Open-Reg9	0.5	0
VCP-Open-AZ	0.5	0
WQARF-AZ	1	0

* For the purposes of this report, "high risk" occurrences are those that have known contamination and have not received a "case closed" or "no further action" status from the agency that maintains the records.

FEDERAL ASTM/AAI DATABASES							
DATABASE SEARCHED	DISTANCE SEARCHED	SUBJECT SITE	0.125 MILES	0.25 MILES	0.5 MILES	1.0 MILES	TOTAL
BF-US	0.5	0	0	0	0	-	0
CERCLIS-Archived-US	0.5	0	0	0	0	-	0
CERCLIS-US	0.5	0	0	0	0	-	0
Controls-RCRA-US	0.5	0	0	0	0	-	0
Controls-US	0.5	0	0	0	0	-	0
Debris-US	0.5	0	0	0	0	-	0
Delisted-NPL-US	0.5	0	0	0	0	-	0
ERNS-US	0.25	0	0	0	-	-	0
FTTS-ENF-US	1	0	0	0	0	0	0
Hist-AFS2-US	0.5	0	0	0	0	-	0
Hist-AFS-US	0.5	0	0	0	0	-	0
Hist-Dumps-US	0.5	0	0	0	0	-	0
Hist-US-EC	0.5	0	0	0	0	-	0
Hist-US-IC	0.5	0	0	0	0	-	0
HMIS-US	0.25	0	0	0	-	-	0
LIENS-US	0.5	0	0	0	0	-	0
NPL-US	1	0	0	0	0	0	0
PADS-US	0.5	0	0	0	0	-	0
PCB-US	0.25	0	0	0	-	-	0
RCRA-CESQG-US	0.25	0	0	0	-	-	0
RCRA-COR-US	1	0	0	0	0	0	0
RCRA-LQG-US	0.25	0	0	0	-	-	0
RCRA-NON-US	0.25	0	0	0	-	-	0
RCRA-SQG-US	0.25	0	0	0	-	-	0
RCRA-TSD-US	0.5	0	0	0	0	-	0
SAA-Agreements-US	1	0	0	0	0	0	0
Tribal-Air-US	0.5	0	0	0	0	-	0
Tribal-BF-US	0.5	0	0	0	0	-	0
Tribal-LUST-Closed-Reg9	0.5	0	0	0	0	-	0
Tribal-LUST-Open-Reg9	0.5	0	0	0	0	-	0
Tribal-ODI-US	0.5	0	0	0	0	-	0
Tribal-UST-Reg9	0.25	0	0	0	-	-	0
Tribal-VCP-US	0.5	0	0	0	0	-	0

STATE ASTM/AAI DATABASES

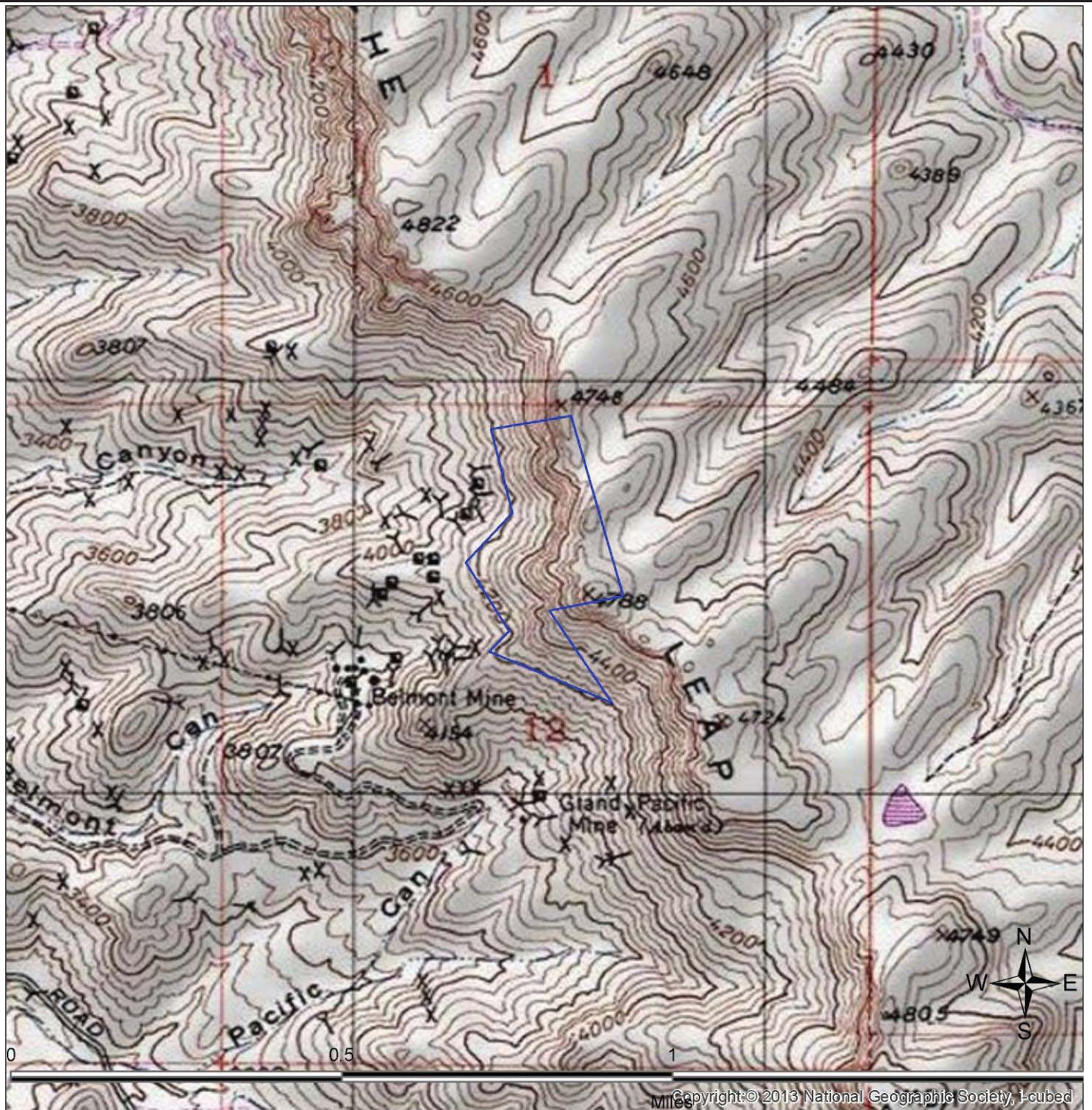
DATABASE SEARCHED	DISTANCE SEARCHED	SUBJECT SITE	0.125 MILES	0.25 MILES	0.5 MILES	1.0 MILES	TOTAL
Air-AZ	0.5	0	0	0	0	-	0
ALF-AZ	0.5	0	0	0	0	-	0
ASPL-AZ	0.5	0	0	0	0	-	0
AST2-AZ	0.25	0	0	0	-	-	0
AST-AZ	0.25	0	0	0	-	-	0
BF-Closed-AZ	0.5	0	0	0	0	-	0
BF-Open-AZ	0.5	0	0	0	0	-	0
CLF-AZ	0.5	0	0	0	0	-	0
Controls-AZ	0.5	0	0	0	0	-	0
Hist-SPILLS-AZ	0.25	0	0	0	-	-	0
LUST-Closed-AZ	0.5	0	0	0	0	-	0
LUST-Open-AZ	0.5	0	0	0	0	-	0
Manifest2-NY	0.25	0	0	0	-	-	0
Manifest2-RI	0.25	0	0	0	-	-	0
Oil-Centers-AZ	0.5	0	0	0	0	-	0
RemOther-Closed-AZ	0.5	0	0	0	0	-	0
RemOther-Open-AZ	0.5	0	0	0	0	-	0
SS-AZ	0.5	0	0	0	0	-	0
Transfer-AZ	0.5	0	0	0	0	-	0
UST-AZ	0.25	0	0	0	-	-	0
VCP-Closed-AZ	0.5	0	0	0	0	-	0
VCP-Open-AZ	0.5	0	0	0	0	-	0
WQARF-AZ	1	0	0	0	0	0	0

SUPPLEMENTAL DATABASES

DATABASE SEARCHED	DISTANCE SEARCHED	SUBJECT SITE	0.125 MILES	0.25 MILES	0.5 MILES	1.0 MILES	TOTAL
BioFuel-US	0.25	0	0	0	-	-	0
CDL-AZ	0.25	0	0	0	-	-	0
CDL-US	0.25	0	0	0	-	-	0
Dams-AZ	0.25	0	0	0	-	-	0
DryCleaners-AZ	0.25	0	0	0	-	-	0
DryWell-AZ	0.25	0	0	0	-	-	0
EGRID-US	0.5	0	0	0	0	-	0
FA-HW-US	0.25	0	0	0	-	-	0
FA-UST-AZ	0.25	0	0	0	-	-	0
FRS-US	0.25	0	0	0	-	-	0
FTTS-INSP-US	0.25	0	0	0	-	-	0
FUDS-US	1	0	0	0	0	0	0
Hist-AZ	0.25	0	0	0	-	-	0
Hist-FIFRA-US	0.25	0	0	0	-	-	0
HIST-MLTS-US	0.25	0	0	0	-	-	0
Hist-US	0.25	0	0	0	-	-	0
ICIS-FEC-US	0.5	0	0	0	0	-	0
ICIS-NPDES-US	0.25	0	0	0	-	-	0
Lead-US	0.25	0	0	0	-	-	0
Mines-AZ	0.25	1	2	0	-	-	3
MINES-US	0.25	0	0	0	-	-	0
MLTS-US	0.25	0	0	0	-	-	0
MRDS-US	0.25	1	0	4	-	-	5
NPDES-AZ	0.25	0	0	0	-	-	0
OGW-AZ	0.25	0	0	0	-	-	0
PCS-US	0.25	0	0	0	-	-	0

SUPPLEMENTAL DATABASES							
DATABASE SEARCHED	DISTANCE SEARCHED	SUBJECT SITE	0.125 MILES	0.25 MILES	0.5 MILES	1.0 MILES	TOTAL
RADINFO-US	0.5	0	0	0	0	-	0
RFG-Lab-US	0.25	0	0	0	-	-	0
RMP-US	0.25	0	0	0	-	-	0
ROD-US	0.5	0	0	0	0	-	0
SDWIS-US	0.25	0	0	0	-	-	0
SSTS-US	0.25	0	0	0	-	-	0
SWT-AZ	0.25	0	0	0	-	-	0
TRIS2000-US	0.25	0	0	0	-	-	0
TRIS2010-US	0.25	0	0	0	-	-	0
TRIS80-US	0.25	0	0	0	-	-	0
TRIS90-US	0.25	0	0	0	-	-	0
TSCA-US	0.25	0	0	0	-	-	0
UIC-AZ	0.25	0	0	0	-	-	0
USGS-Waterwells-US	0.25	0	0	0	-	-	0
Vapor-Intrusions-US	0.5	0	0	0	0	-	0
Waste-tire-AZ	0.5	0	0	0	0	-	0
Wells-AZ	0.25	0	0	0	-	-	0

PROPRIETARY HISTORIC DATABASES							
DATABASE SEARCHED	DISTANCE SEARCHED	SUBJECT SITE	0.125 MILES	0.25 MILES	0.5 MILES	1.0 MILES	TOTAL
Hist-Agriculture	0.25	0	0	0	-	-	0
Hist-Auto Dealers	0.25	0	0	0	-	-	0
Hist-Auto Repair	0.25	0	0	0	-	-	0
Hist-Chemical Manufacturing	0.25	0	0	0	-	-	0
Hist-Cleaners	0.25	0	0	0	-	-	0
Hist-Machine Shop	0.25	0	0	0	-	-	0
Hist-Manufacturing	0.25	0	0	0	-	-	0
Hist-Metal Plating	0.25	0	0	0	-	-	0
Hist-Mortuaries	0.25	0	0	0	-	-	0
Hist-Paint-Stores	0.25	0	0	0	-	-	0
Hist-Petroleum	0.25	0	0	0	-	-	0
Hist-Printers	0.25	0	0	0	-	-	0
Hist-RV-Dealers	0.25	0	0	0	-	-	0
Hist-Salvage	0.25	0	0	0	-	-	0
Hist-Service Stations	0.25	0	0	0	-	-	0
Hist-Transportation	0.25	0	0	0	-	-	0
Hist-Trucking	0.25	0	0	0	-	-	0
Hist-Vehicle-Parts	0.25	0	0	0	-	-	0



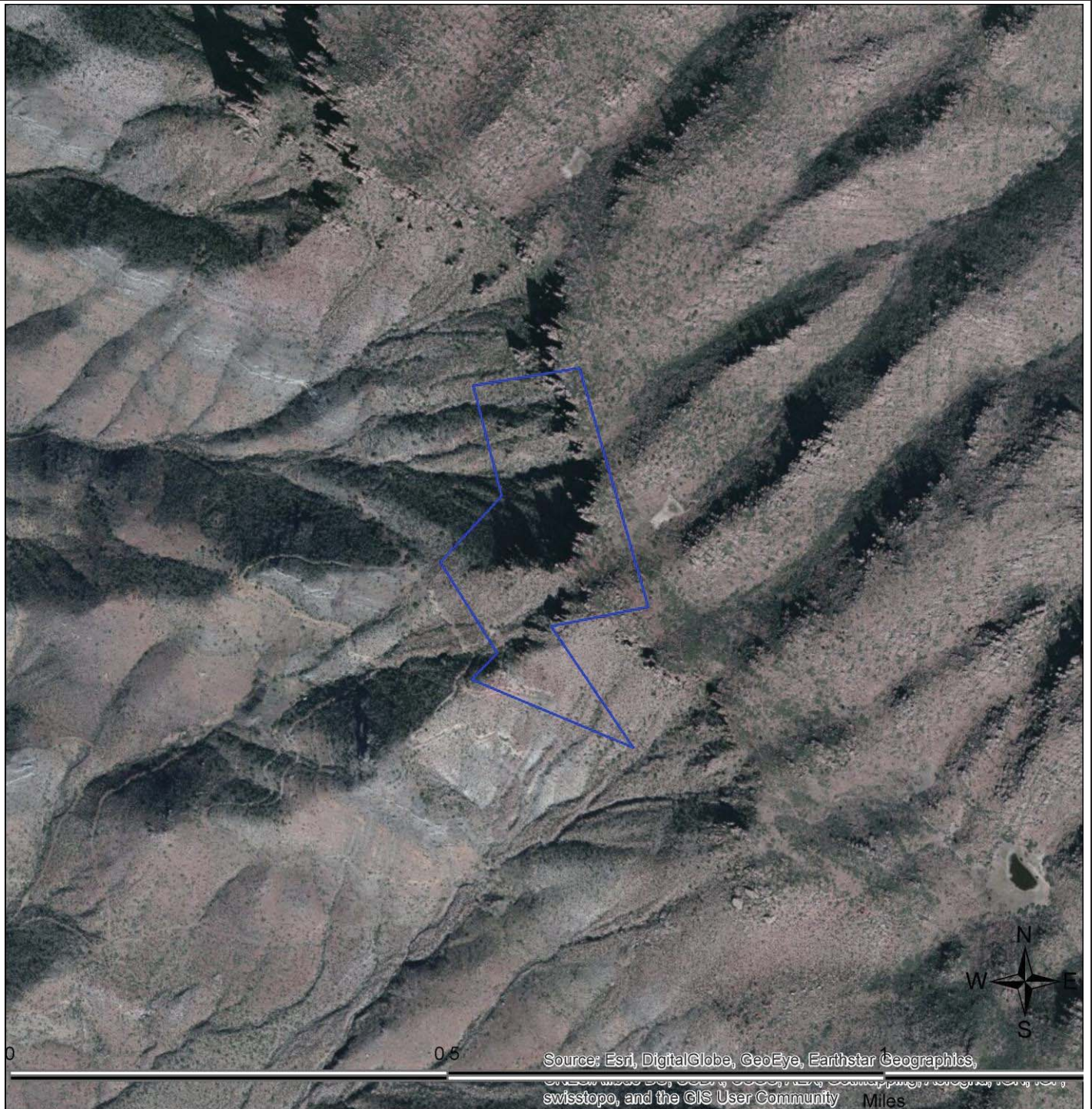
SITE LOCATION TOPOGRAPHIC MAP

U.S. Geological Survey. Superior Quadrangle, 7.5 Minute Series

Westland Resources

105-15-003 And 105-15-004
Pinal County, AZ 85173

FIGURE: 1
JOB: 210465190
DATE: 4/10/2015



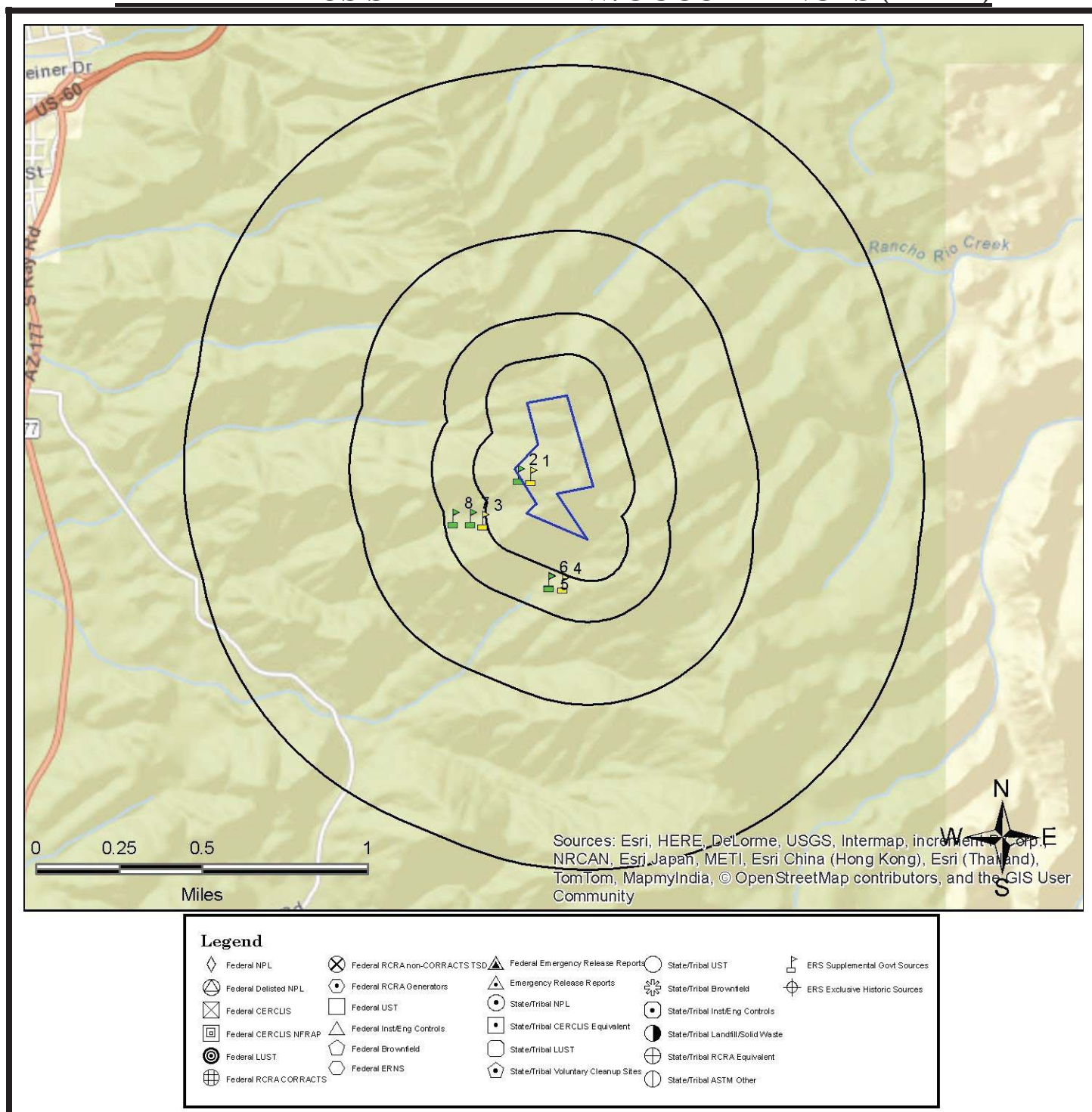
SITE LOCATION MAP

Westland Resources

105-15-003 And 105-15-004
Pinal County, AZ 85173

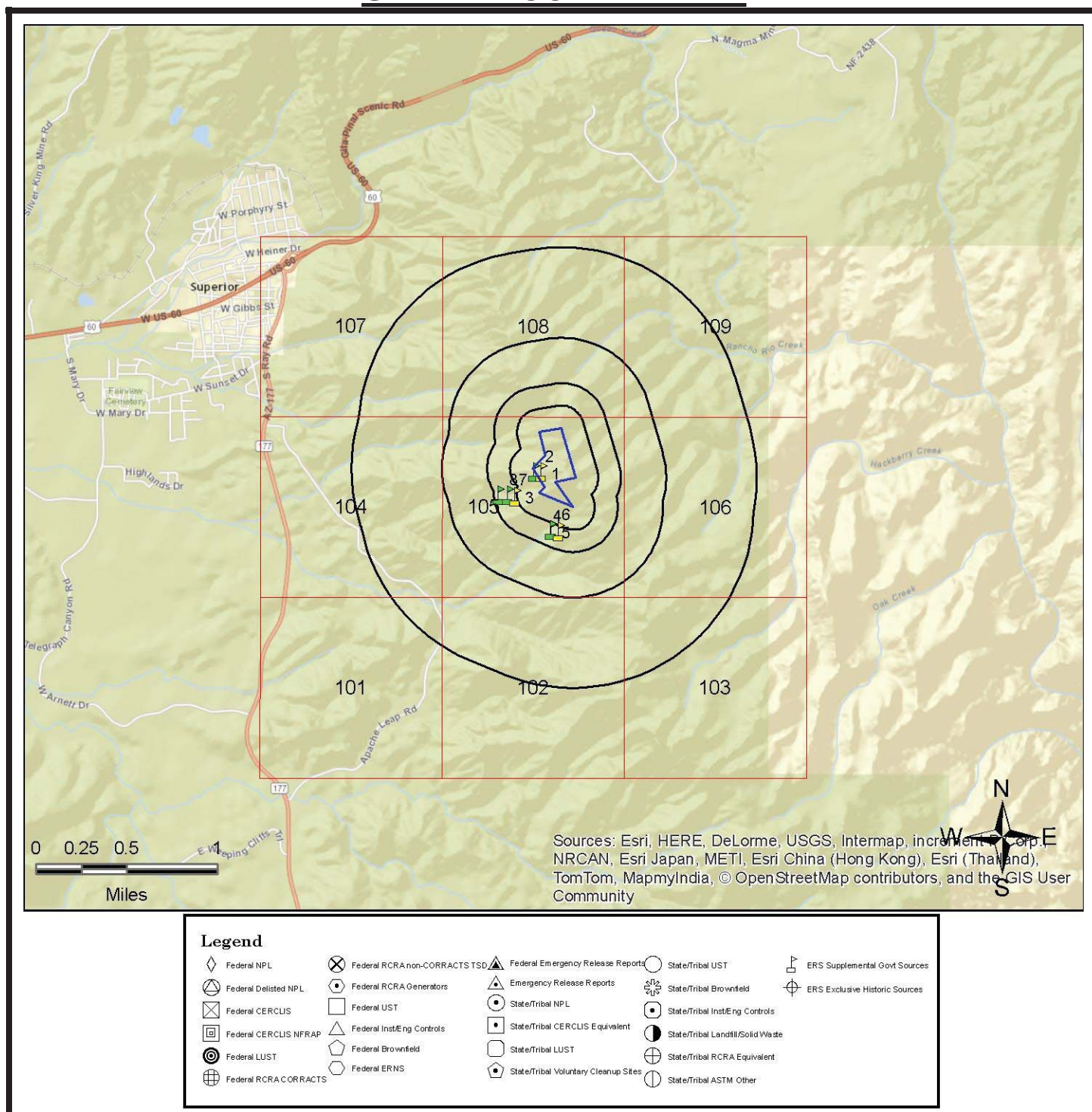
FIGURE: 2
JOB: 210465190
DATE: 4/10/2015

1-MILE RADIUS STREET MAP W/OCCURRENCES (MAP1)



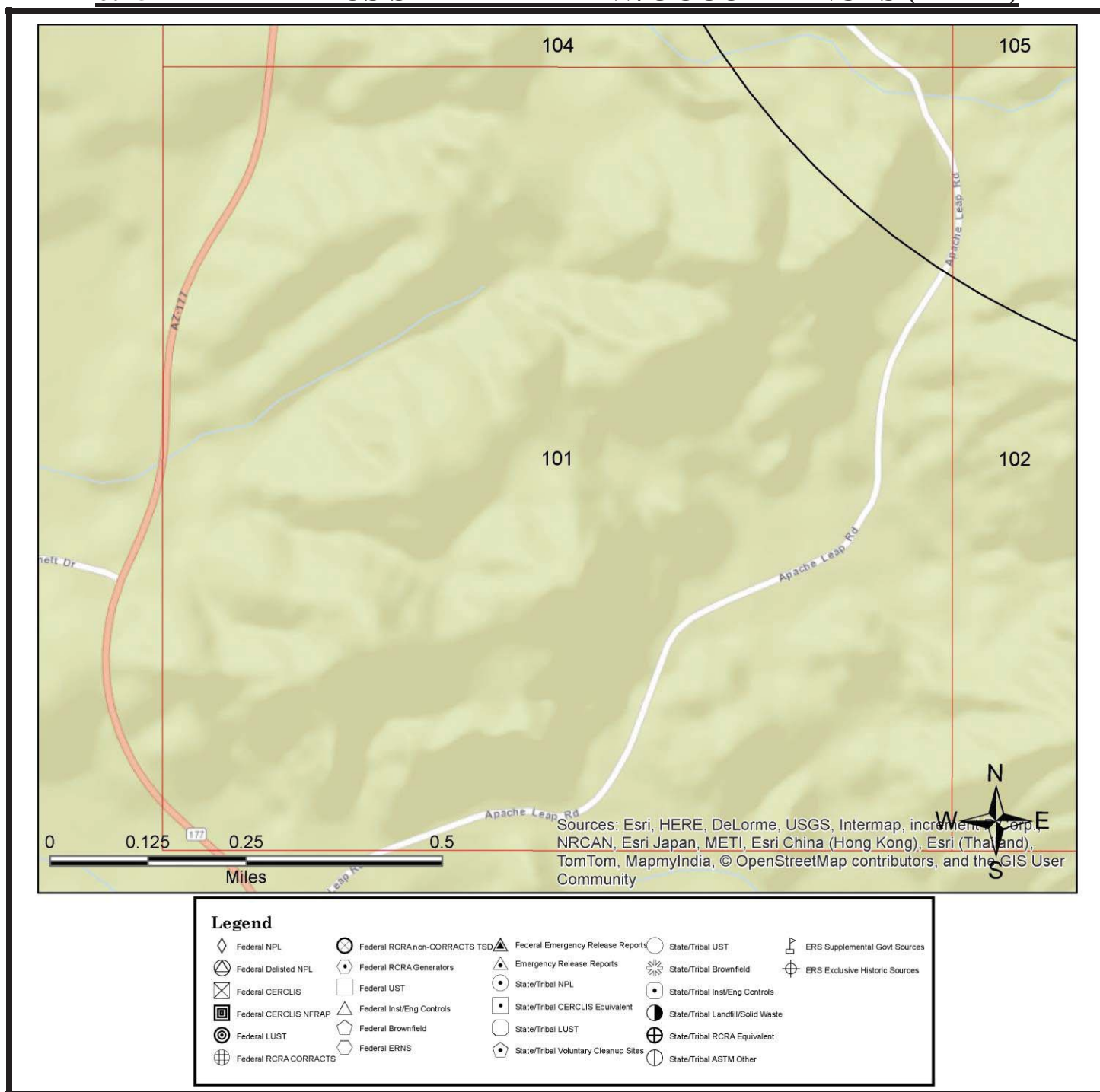
All plotted occurrences represent approximate locations based on geographic information provided by the respective agency. Actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. **Occurrences are shown in three colors** to give a visual indication of the potential risk of the listed occurrence based on the type of list and the current status of the occurrence. Occurrences shown in **RED** are locations with known contamination that have not received a "case closed" or "no further action" status. Occurrences shown in **YELLOW** have been listed by the respective agency, but do not always represent an environmental risk. The detailed status information and description of the listing should be reviewed for further information. Occurrences shown in **GREEN** are occurrences that have active permits or have had contamination in the past but have received a "case closed" or "no further action" status and therefore, do not likely present an environmental risk.

GRID LAYOUT MAP KEY



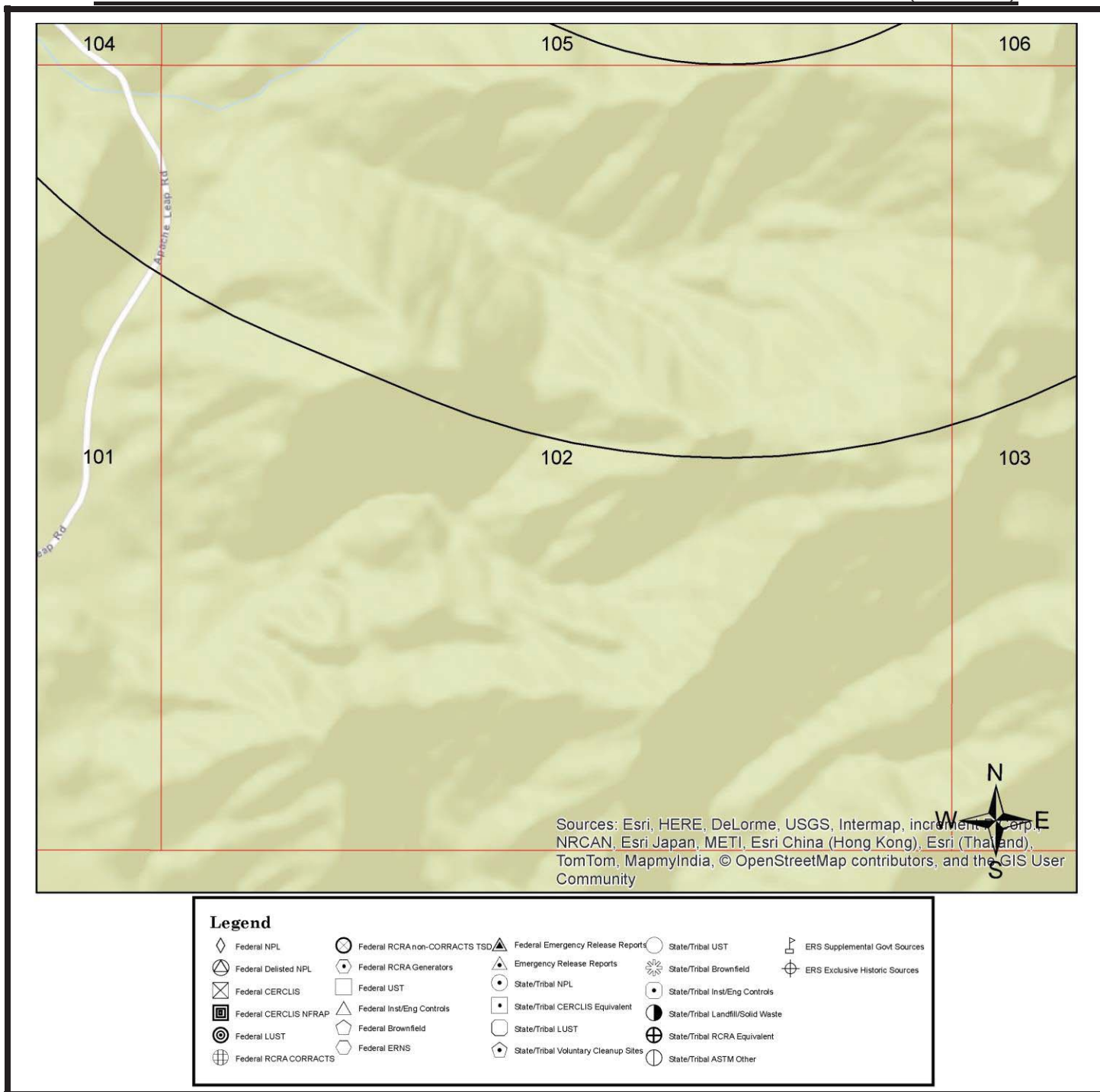
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0.25-MILE RADIUS STREET MAP W/OCCURRENCES (MAP2)



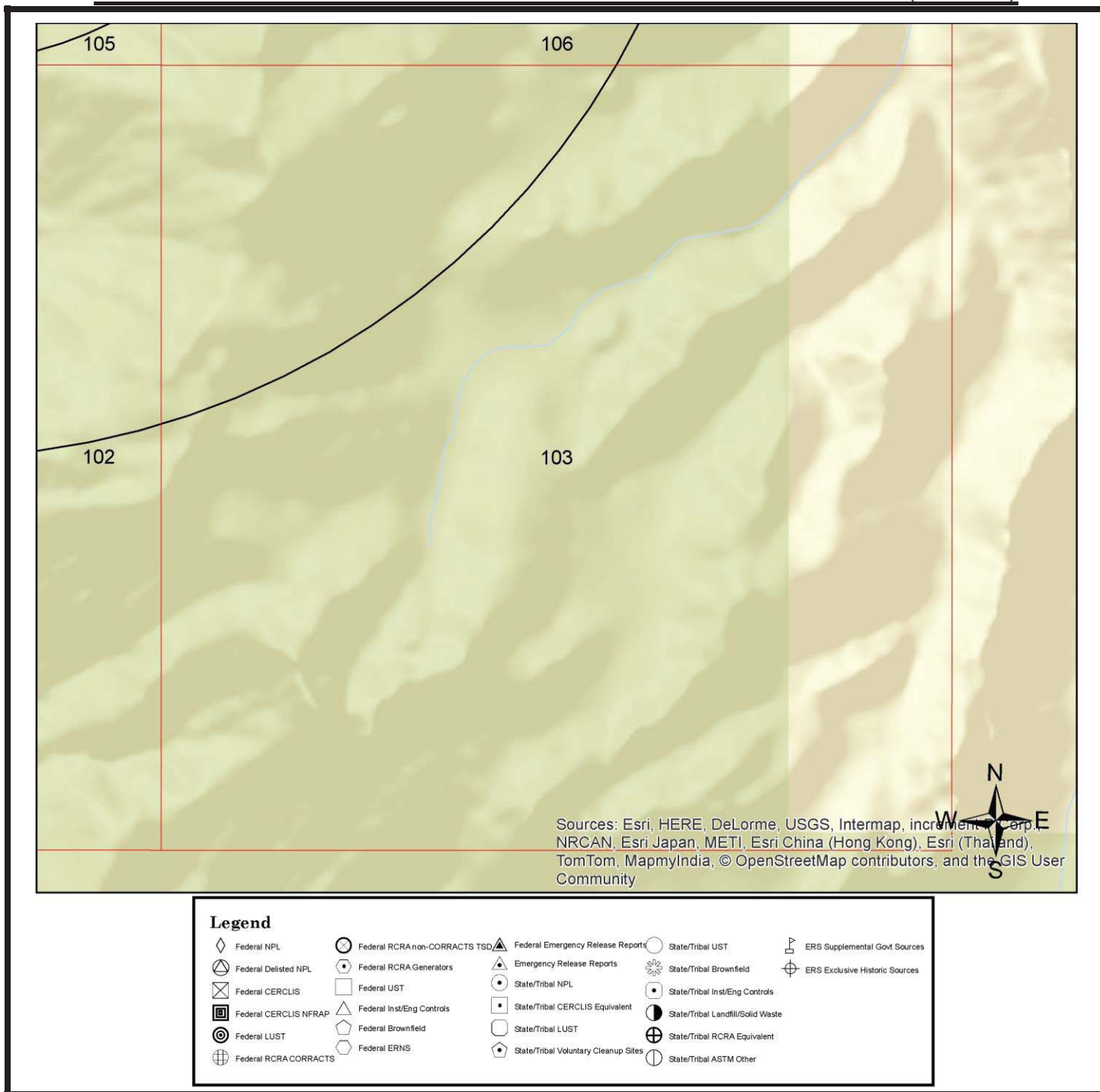
All plotted occurrences represent approximate locations based on geographic information provided by the respective agency. Actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. **Occurrences are shown in three colors** to give a visual indication of the potential risk of the listed occurrence based on the type of list and the current status of the occurrence. Occurrences shown in **RED** are locations with known contamination that have not received a "case closed" or "no further action" status. Occurrences shown in **YELLOW** have been listed by the respective agency, but do not always represent an environmental risk. The detailed status information and description of the listing should be reviewed for further information. Occurrences shown in **GREEN** are occurrences that have active permits or have had contamination in the past but have received a "case closed" or "no further action" status and therefore, do not likely present an environmental risk.

0.25-MILE RADIUS STREET MAP W/OCCURRENCES (MAP2)



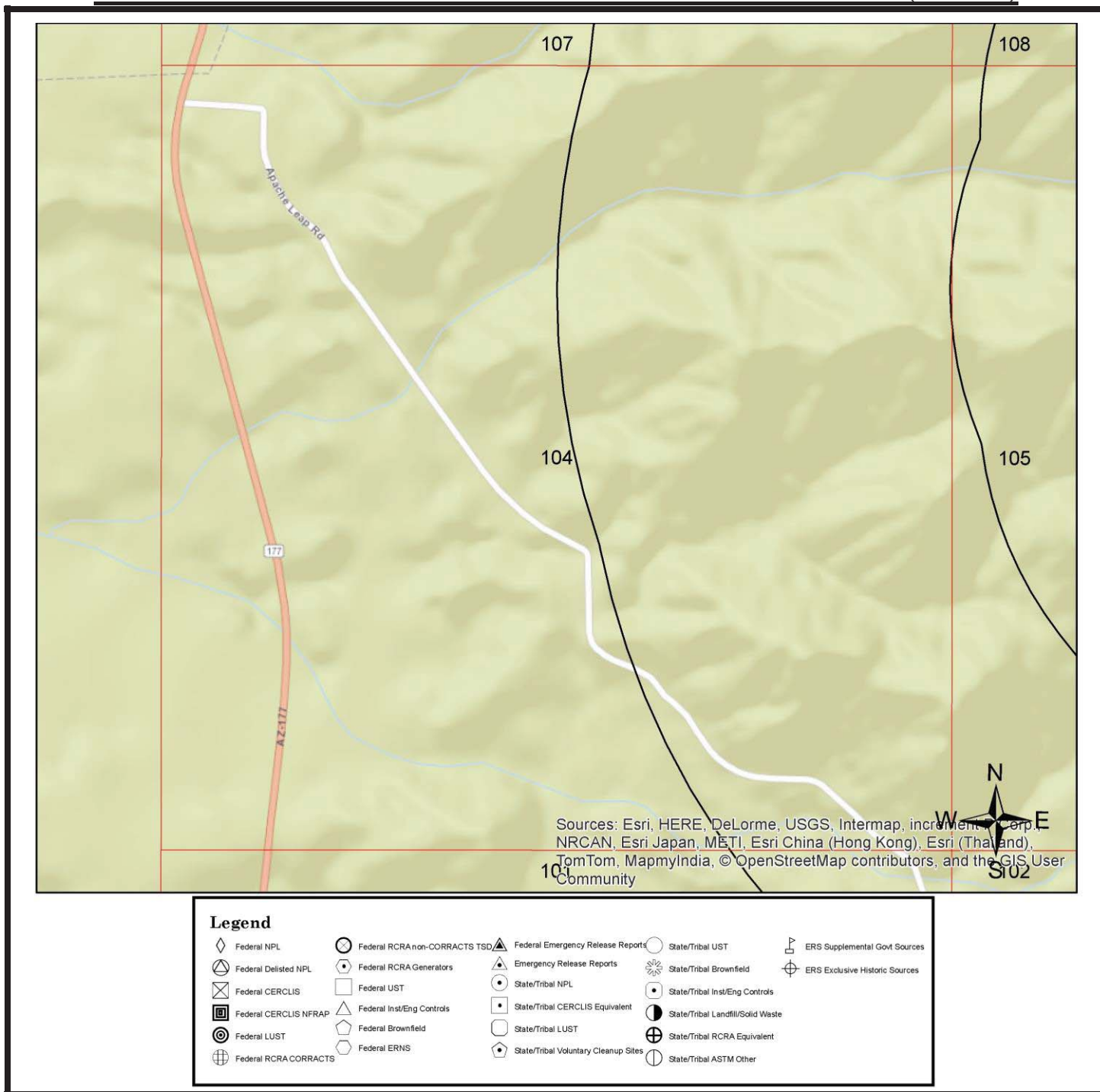
All plotted occurrences represent approximate locations based on geographic information provided by the respective agency. Actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. **Occurrences are shown in three colors** to give a visual indication of the potential risk of the listed occurrence based on the type of list and the current status of the occurrence. Occurrences shown in **RED** are locations with known contamination that have not received a "case closed" or "no further action" status. Occurrences shown in **YELLOW** have been listed by the respective agency, but do not always represent an environmental risk. The detailed status information and description of the listing should be reviewed for further information. Occurrences shown in **GREEN** are occurrences that have active permits or have had contamination in the past but have received a "case closed" or "no further action" status and therefore, do not likely present an environmental risk.

0.25-MILE RADIUS STREET MAP W/OCCURRENCES (MAP2)



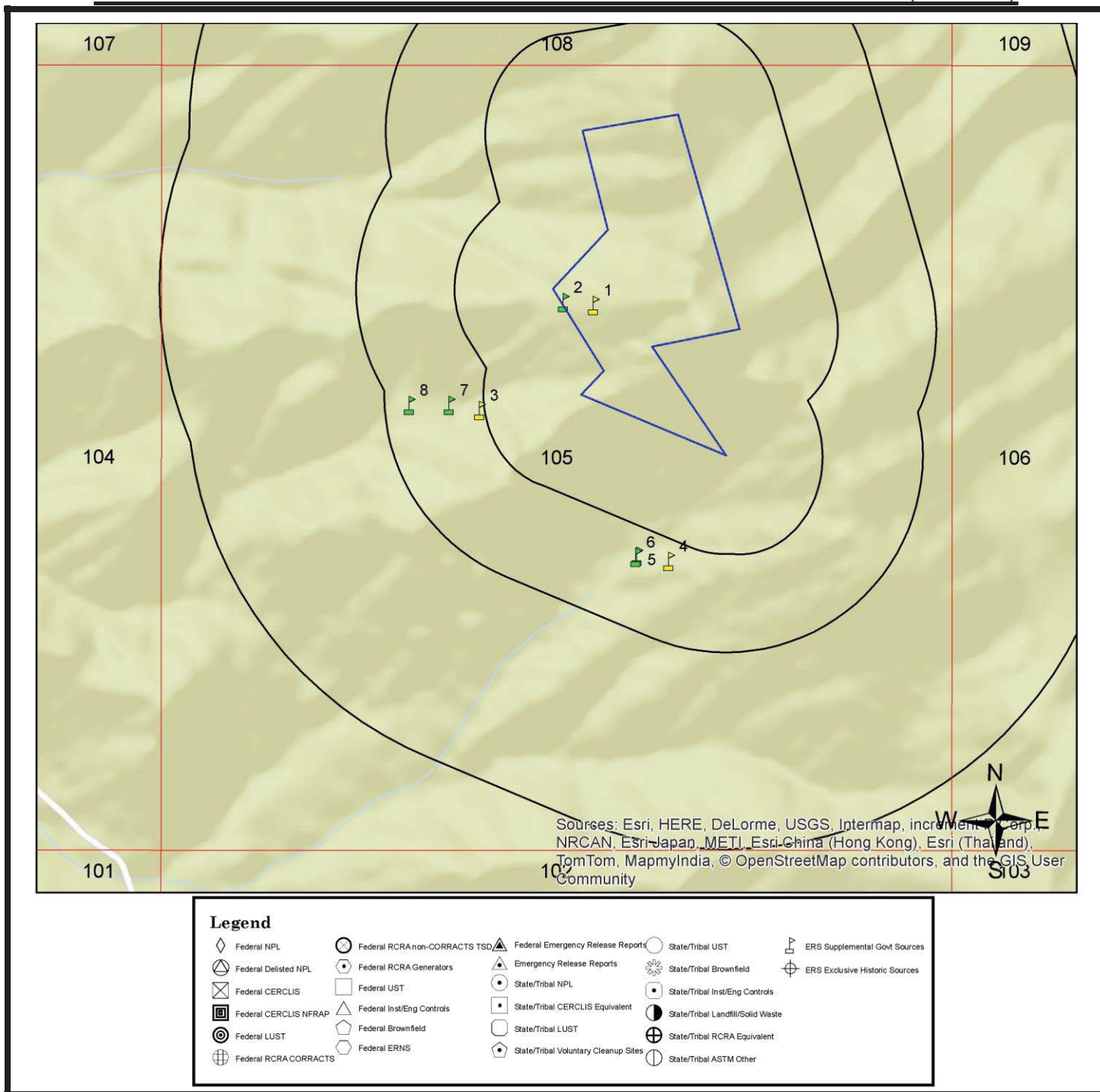
All plotted occurrences represent approximate locations based on geographic information provided by the respective agency. Actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. **Occurrences are shown in three colors** to give a visual indication of the potential risk of the listed occurrence based on the type of list and the current status of the occurrence. Occurrences shown in **RED** are locations with known contamination that have not received a "case closed" or "no further action" status. Occurrences shown in **YELLOW** have been listed by the respective agency, but do not always represent an environmental risk. The detailed status information and description of the listing should be reviewed for further information. Occurrences shown in **GREEN** are occurrences that have active permits or have had contamination in the past but have received a "case closed" or "no further action" status and therefore, do not likely present an environmental risk.

0.25-MILE RADIUS STREET MAP W/OCCURRENCES (MAP2)



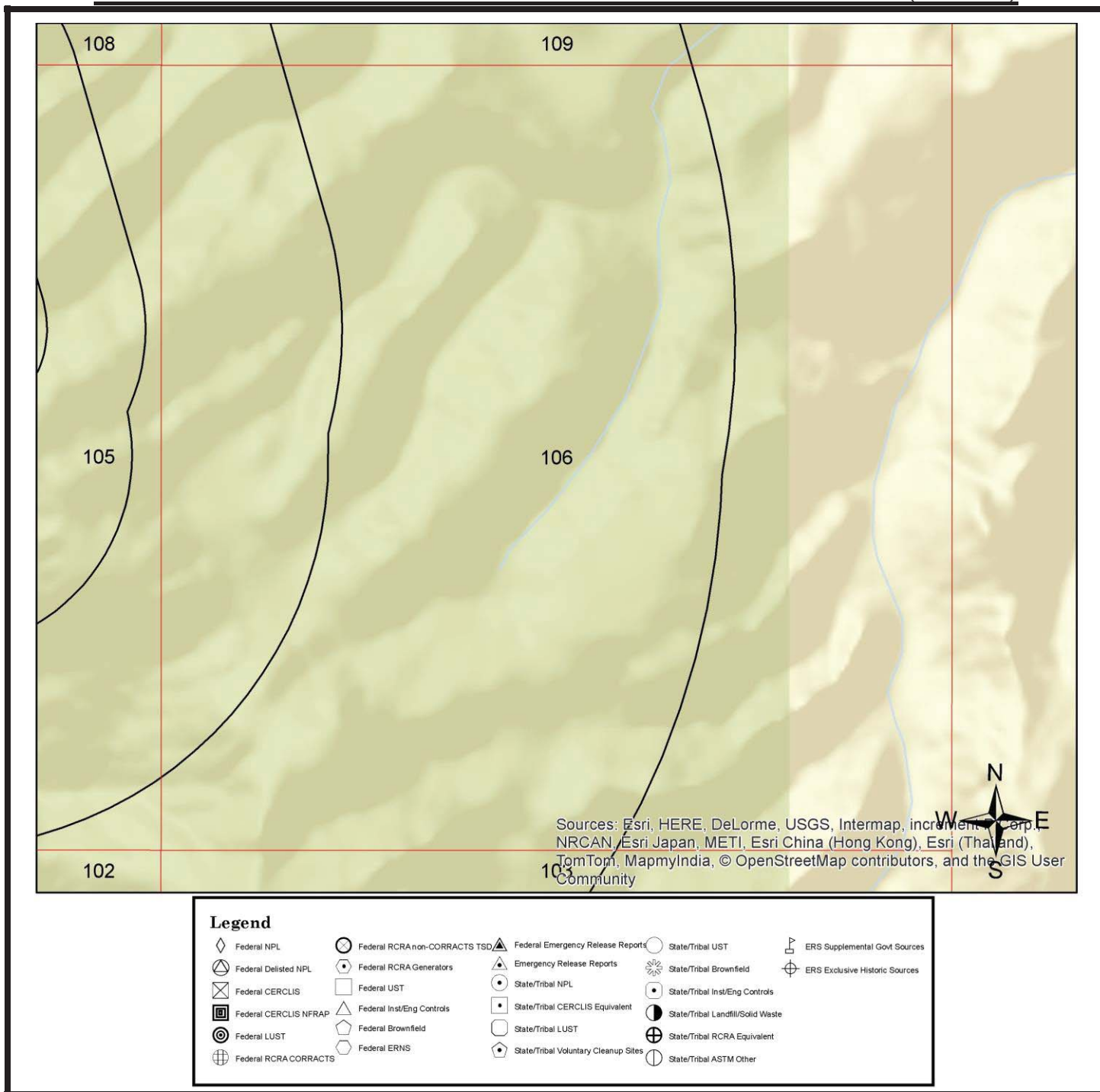
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0.25-MILE RADIUS STREET MAP W/OCCURRENCES (MAP2)



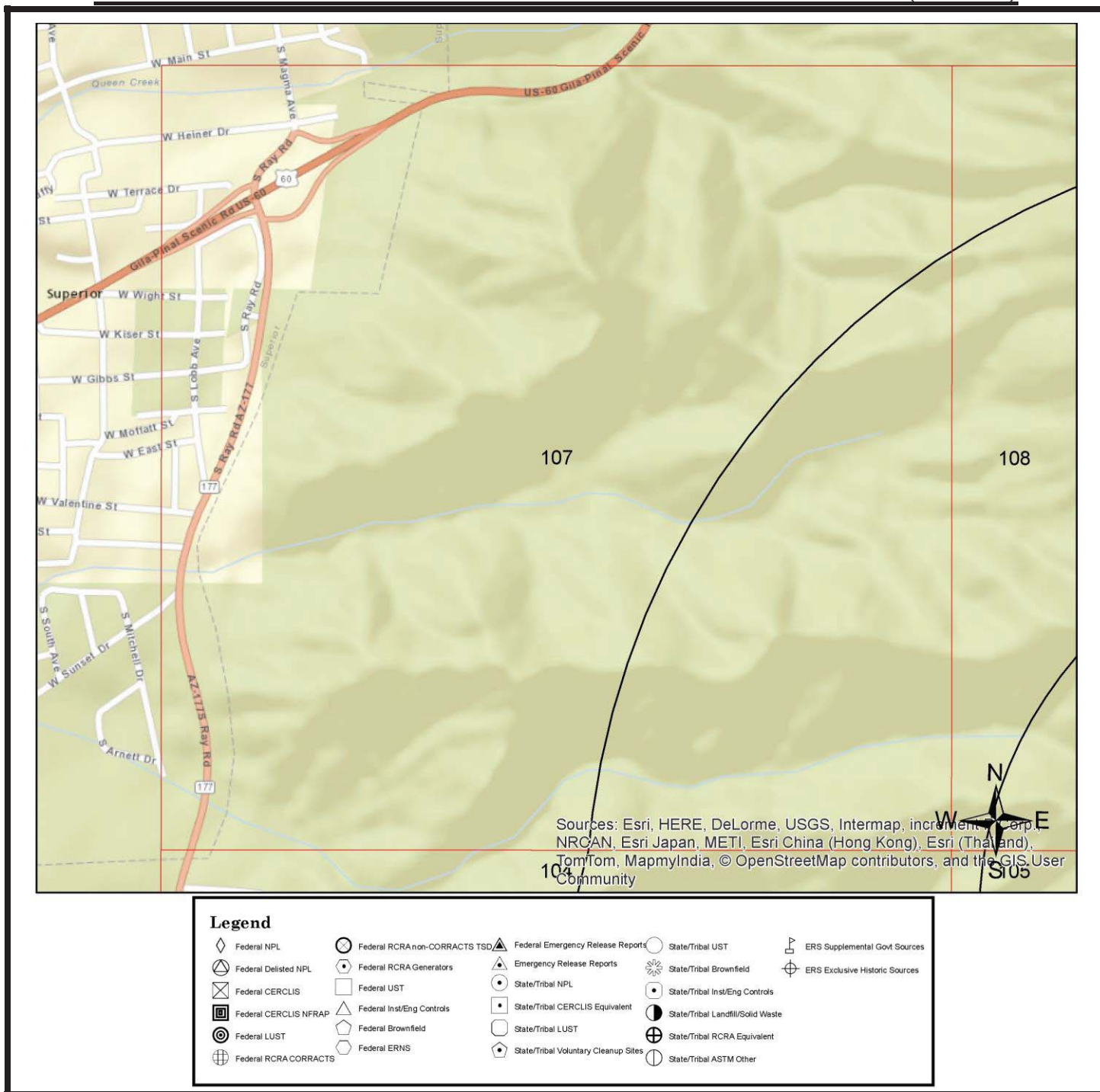
All plotted occurrences represent approximate locations based on geographic information provided by the respective agency. Actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. **Occurrences are shown in three colors** to give a visual indication of the potential risk of the listed occurrence based on the type of list and the current status of the occurrence. Occurrences shown in **RED** are locations with known contamination that have not received a "case closed" or "no further action" status. Occurrences shown in **YELLOW** have been listed by the respective agency, but do not always represent an environmental risk. The detailed status information and description of the listing should be reviewed for further information. Occurrences shown in **GREEN** are occurrences that have active permits or have had contamination in the past but have received a "case closed" or "no further action" status and therefore, do not likely present an environmental risk.

0.25-MILE RADIUS STREET MAP W/OCCURRENCES (MAP2)



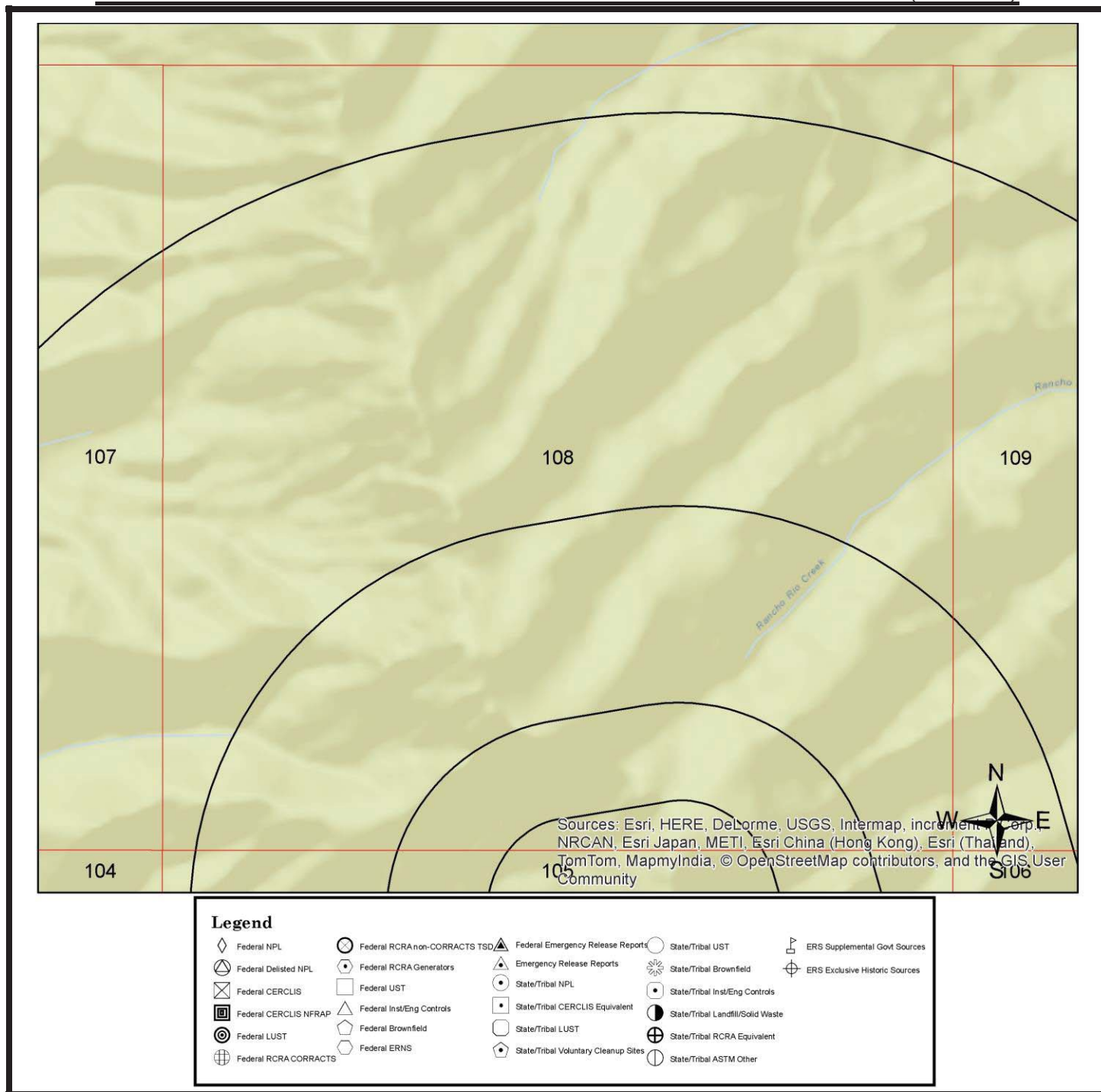
All plotted occurrences represent approximate locations based on geographic information provided by the respective agency. Actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. **Occurrences are shown in three colors** to give a visual indication of the potential risk of the listed occurrence based on the type of list and the current status of the occurrence. Occurrences shown in **RED** are locations with known contamination that have not received a "case closed" or "no further action" status. Occurrences shown in **YELLOW** have been listed by the respective agency, but do not always represent an environmental risk. The detailed status information and description of the listing should be reviewed for further information. Occurrences shown in **GREEN** are occurrences that have active permits or have had contamination in the past but have received a "case closed" or "no further action" status and therefore, do not likely present an environmental risk.

0.25-MILE RADIUS STREET MAP W/OCCURRENCES (MAP2)



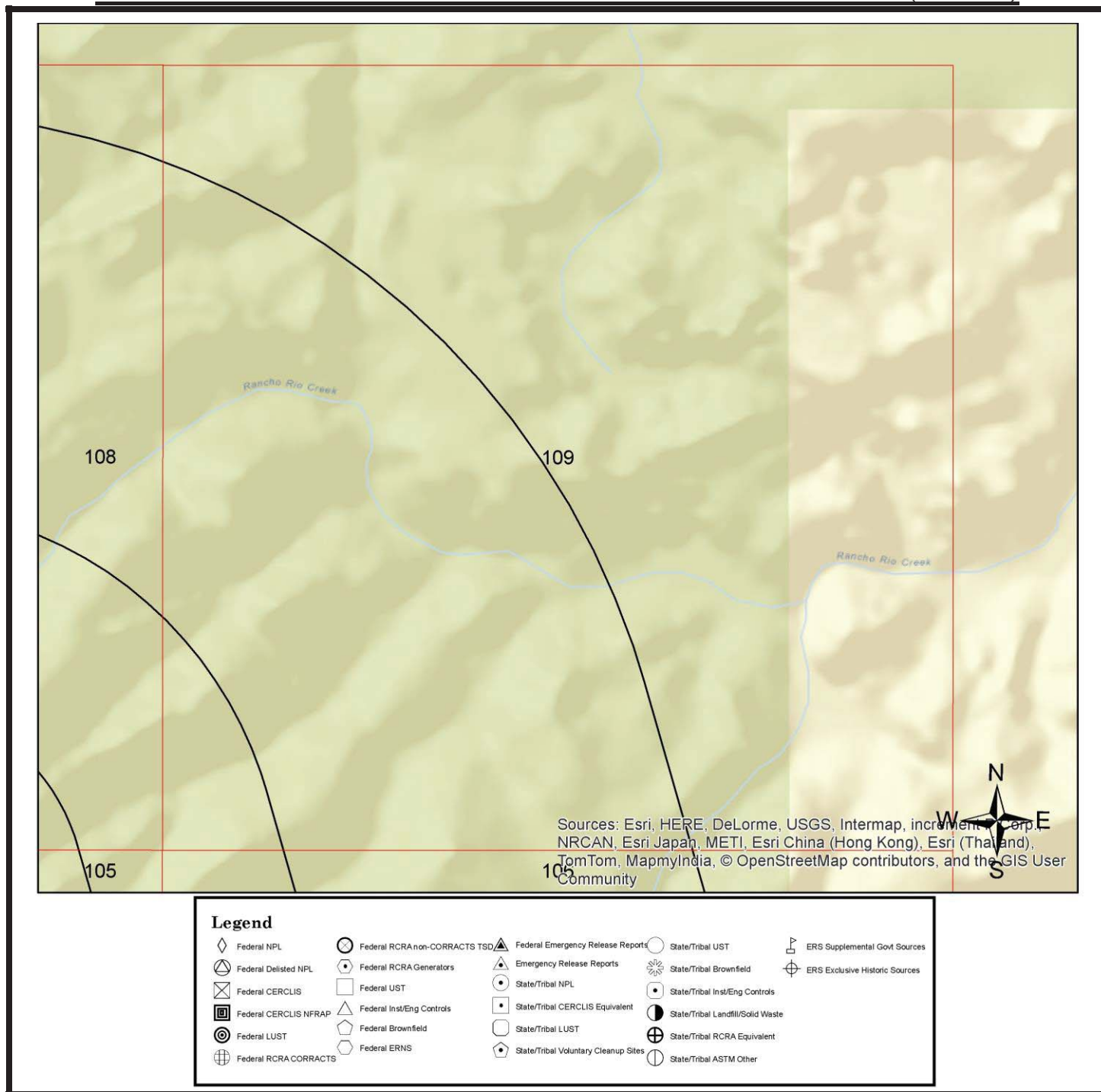
All plotted occurrences represent approximate locations based on geographic information provided by the respective agency. Actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. **Occurrences are shown in three colors** to give a visual indication of the potential risk of the listed occurrence based on the type of list and the current status of the occurrence. Occurrences shown in **RED** are locations with known contamination that have not received a "case closed" or "no further action" status. Occurrences shown in **YELLOW** have been listed by the respective agency, but do not always represent an environmental risk. The detailed status information and description of the listing should be reviewed for further information. Occurrences shown in **GREEN** are occurrences that have active permits or have had contamination in the past but have received a "case closed" or "no further action" status and therefore, do not likely present an environmental risk.

0.25-MILE RADIUS STREET MAP W/OCCURRENCES (MAP2)



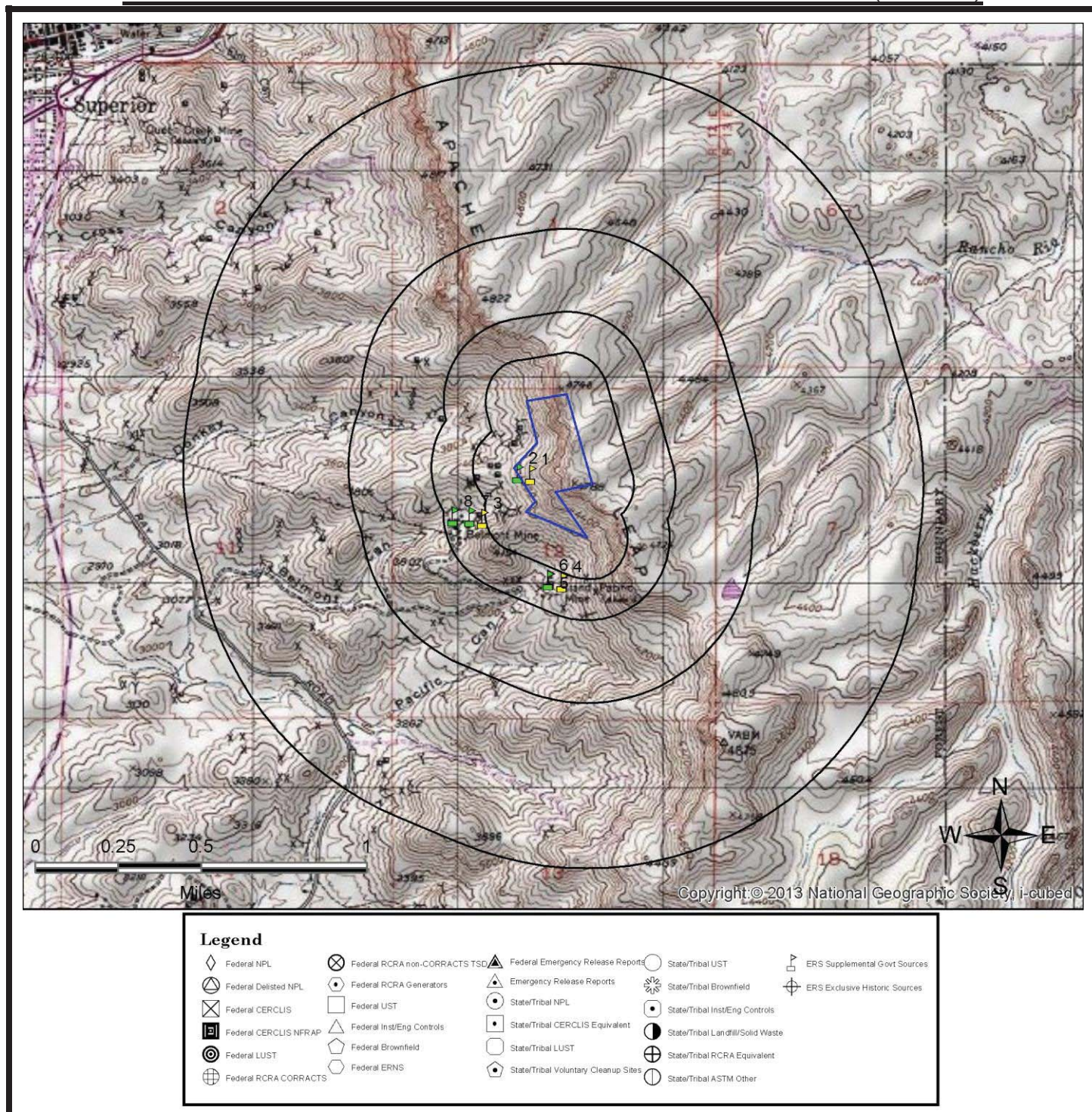
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0.25-MILE RADIUS STREET MAP W/OCCURRENCES (MAP2)



All plotted occurrences represent approximate locations based on geographic information provided by the respective agency. Actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. **Occurrences are shown in three colors** to give a visual indication of the potential risk of the listed occurrence based on the type of list and the current status of the occurrence. Occurrences shown in **RED** are locations with known contamination that have not received a "case closed" or "no further action" status. Occurrences shown in **YELLOW** have been listed by the respective agency, but do not always represent an environmental risk. The detailed status information and description of the listing should be reviewed for further information. Occurrences shown in **GREEN** are occurrences that have active permits or have had contamination in the past but have received a "case closed" or "no further action" status and therefore, do not likely present an environmental risk.

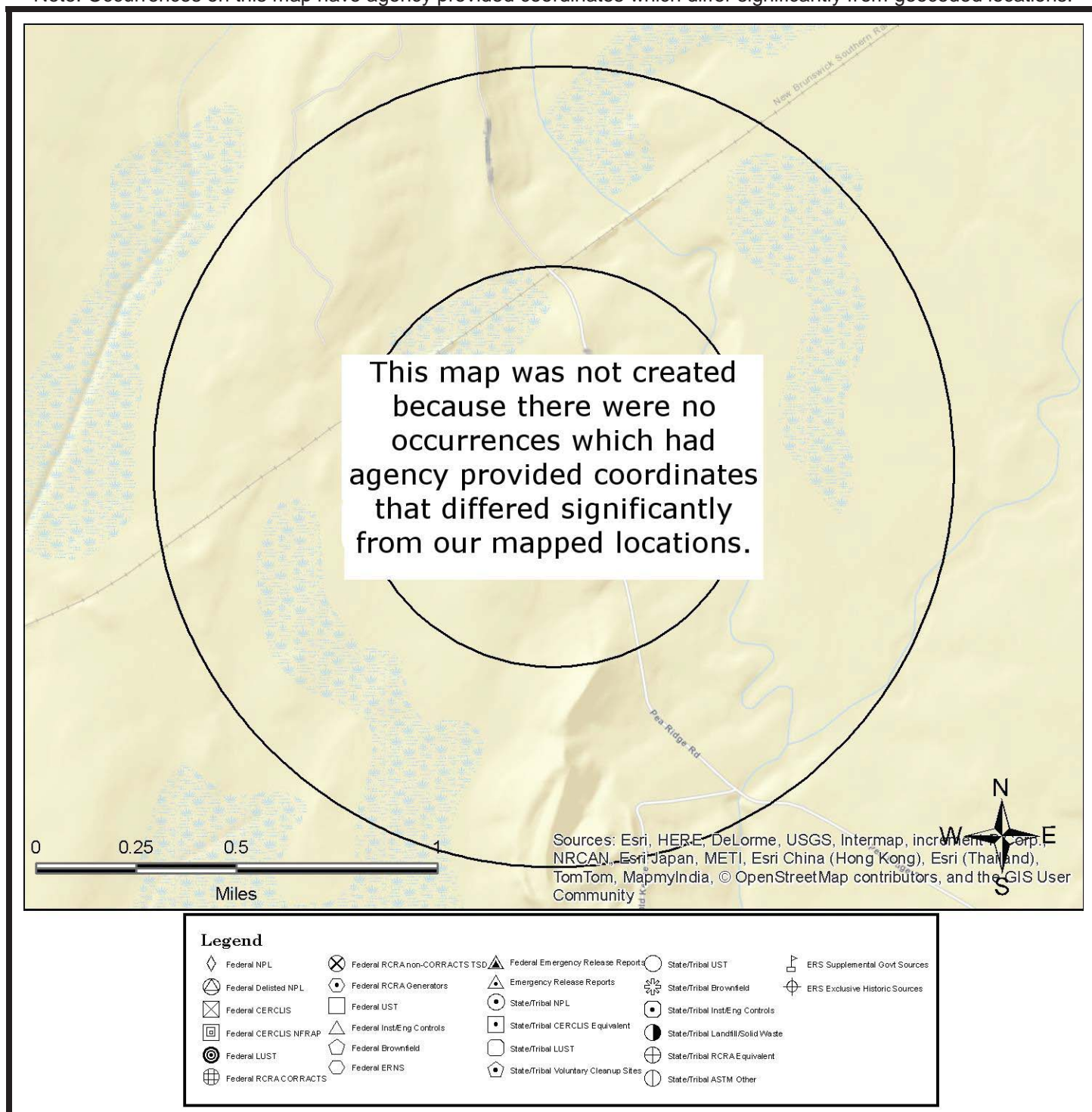
1-MILE TOPOGRAPHIC MAP W/OCCURRENCES (MAP3)



All plotted occurrences represent approximate locations based on geographic information provided by the respective agency. Actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. **Occurrences are shown in three colors** to give a visual indication of the potential risk of the listed occurrence based on the type of list and the current status of the occurrence. Occurrences shown in **RED** are locations with known contamination that have not received a "case closed" or "no further action" status. Occurrences shown in **YELLOW** have been listed by the respective agency, but do not always represent an environmental risk. The detailed status information and description of the listing should be reviewed for further information. Occurrences shown in **GREEN** are occurrences that have active permits or have had contamination in the past but have received a "case closed" or "no further action" status and therefore, do not likely present an environmental risk.

AGENCY DIFFERENCES IN MAPPED LOCATIONS (MAP4)

Note: Occurrences on this map have agency provided coordinates which differ significantly from geocoded locations.



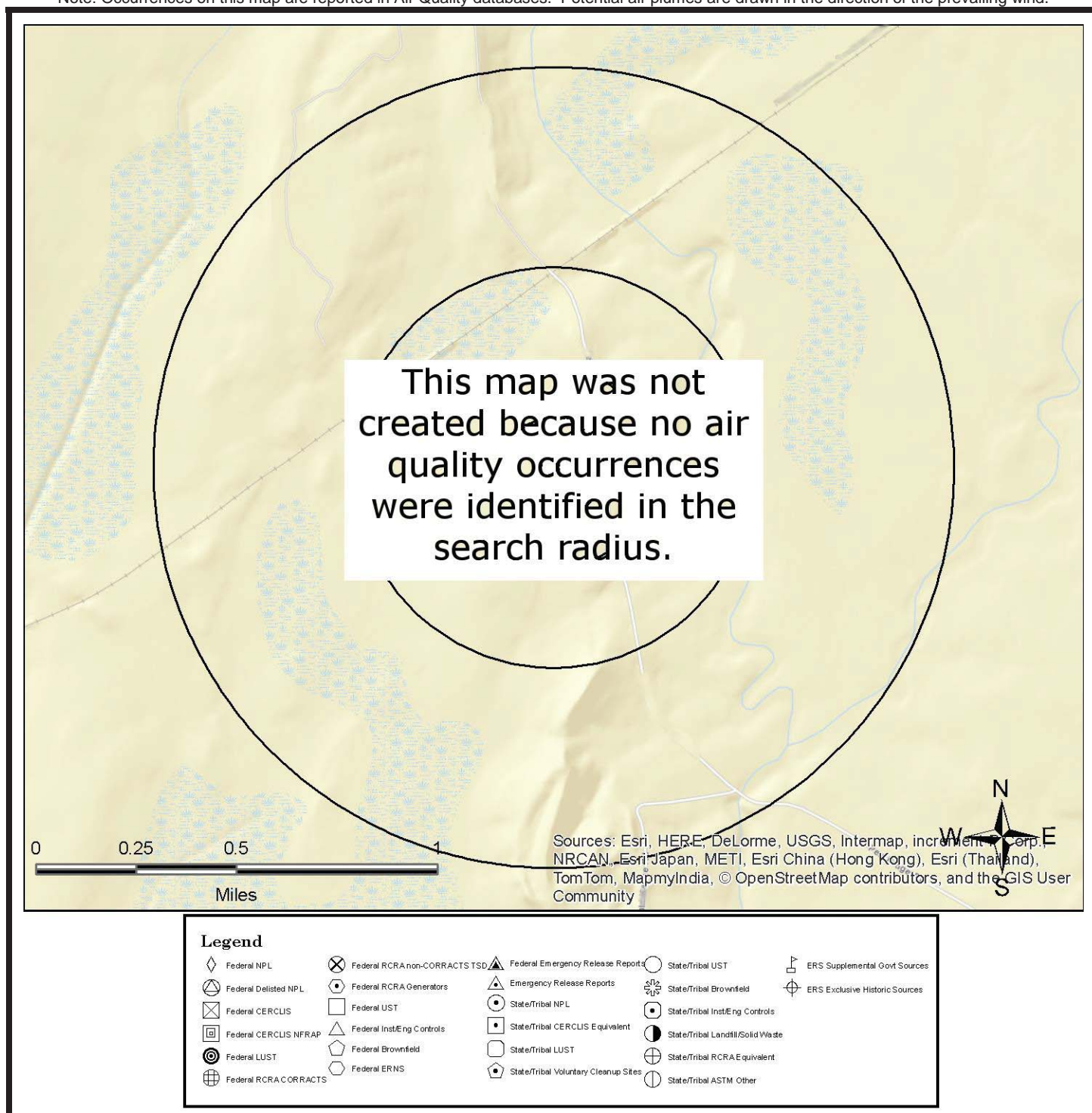
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SUMMARY OF AGENCY DIFFERENCES

MAP ID	ID/SITE NAME	DATABASE	AGENCY COORDINATES	DISTANCE (MILES)	DIRECTION
N/A	No occurrences were identified where the agency provided coordinates that differed significantly from our mapped locations.				

MAPPED AIR PERMITS WITH POTENTIAL DISPERSION (MAP5)

Note: Occurrences on this map are reported in Air Quality databases. Potential air plumes are drawn in the direction of the prevailing wind.



All plotted occurrences represent approximate locations based on geographic information provided by the respective agency/source. Actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. Potential air dispersion plumes are depicted to graphically show the direction contaminants may travel based on prevailing wind data and provide a visual screening tool only. Actual direction will vary especially by season. Depending on the actual contaminate, amount released, and other variables, the distance from the source the contaminate may travel can and will vary. Interpretation and review of all the actual relevant data by an environmental professional is recommended before making any decisions, conclusions or otherwise based on the map depictions, air data, and potential air dispersion plumes.

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LISTED OCCURRENCE DETAILS

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Mines-AZ	Listed	Subject Site	4316 ft	1
SITE NAME			MAPS	ID
DAGGS GROUP			1 , 3	6479
ADDRESS			CITY	ZIP
DETAILS				
MILSALB_: 6500 MILSALB_ID: 40210285 SEQ: 40210285 COMMODITY: LEAD, IRON, IRON, MOLYBDENUM, VANADIUM TYPE: UNDERGROUND STATUS: PAST PRODUCER POR: OREBODY POP: 100M ZONE: 12 NORTHING: 3681522 EASTING: 493299 QUADRANGLE: MESA MAP: SUPERIOR MERIDIAN: GILA & SALT R TOWNSHIP: 002 S RANGE: 012 E SEC: 12 SUBDIVISIO: Not Reported YOD: 0 DISTRICT: Not Reported CTY_ALB_: 12 CTY_ALB_ID: 3054 STATE_FIPS: 4 CNTY_FIPS: 21 FIPS: 4021 STATE_NAME: Arizona CNTY_NAME: Pinal SUB_REGION: Mtn STAT_FLAG: 1 Mines.ID: 40210285				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
MRDS-US	Listed	Subject Site	4180 ft	2
SITE NAME			MAPS	ID
Daggs Group			1 , 3	10113245
ADDRESS			CITY	ZIP

DETAILS

DEP ID: 10113245
 MRDS ID: Not Reported
 MAS ID: 0040210285
 Site Name: Daggs Group
 Region: NA
 Country: United States
 County: Pinal
 Commodity Type: M
 Commodity 1: Iron, Lead
 Commodity 2: Molybdenum, Vanadium
 Commodity 3: Not Reported
 Operation Type: Underground
 Deposit/Resource Type: Not Reported
 Production Size: Not Reported
 Development Status: Past Producer
 Gangue: Not Reported
 Ore: Not Reported
 Other Materials: Not Reported
 Form/Shape of the Ore Body: Not Reported
 Work Type: Not Reported
 Model: Not Reported
 Alteration: Not Reported
 Concentration Process: Not Reported
 Previous Name: Unpatented Claims M S 2836; Patented & Unpat.Claims M S 2837; Unpatented Claims M S 3093; Unpatented Claims M S 3094; Unpatented Claim M S 3095; Patented Claim M S 3096; Unpatented Claim M S 3097; Patented & Unpat. Claims M S 3581; Patented & Unpat Claim
 Ore Control: Not Reported
 Reporter: ADMR
 Host Rock Unit: Not Reported
 Host Rock Type: Not Reported
 Associated Rock Unit: Not Reported
 Associated Rock Type: Not Reported
 Structure: Not Reported
 Tectonic Setting Description: Not Reported
 Bibliographic Reference: {Deposit:: CLAIMS EXTEND INTO SEC.1,11,13,14,AND INTO SEC.7,18 25 13E}{Deposit:: JONES E.L.JR.AND F.L.RANSOME,USGS BULL 710-D,P164-65}{Deposit:: SHORT,M.N.ET AL,ABM BULL 151,P159}{Deposit:: WILSON E.D AND G M BUTLER,ABM BULL.127,PP85-86}{Deposit:: BLM MI
 Year First Produced (YFP): 0
 Production Before or After YFP: Not Reported
 Year Last Produced (YLP): 0
 Production Before or After YLP: Not Reported
 Discovered Before or After DY: Not Reported
 Discovery Year: 0
 Production Years: Not Reported
 Name and Address of Discoveries Responsible Party: Not Reported

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Mines-AZ	Listed	0.13 miles W	3865 ft	3
SITE NAME			MAPS	ID
BELMONT COPPER PROPERTY			1 , 3	6483
ADDRESS			CITY	ZIP
DETAILS				
MILSALB_: 6376 MILSALB_ID: 40210158 SEQ: 40210158 COMMODITY: SILVER, GOLD, COPPER, LEAD, MANGANESE, MOLYBDENUM, LEAD, VANADIUM TYPE: UNDERGROUND STATUS: PAST PRODUCER POR: OREBODY POP: 100M ZONE: 12 NORTHING: 3681307 EASTING: 493067 QUADRANGLE: MESA MAP: SUPERIOR MERIDIAN: GILA & SALT R TOWNSHIP: 002 S RANGE: 012 E SEC: 12 SUBDIVISIO: NW YOD: 0 DISTRICT: Not Reported CTY_ALB_: 12 CTY_ALB_ID: 3054 STATE_FIPS: 4 CNTY_FIPS: 21 FIPS: 4021 STATE_NAME: Arizona CNTY_NAME: Pinal SUB_REGION: Mtn STAT_FLAG: 1 Mines.ID: 40210158				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Mines-AZ	Listed	0.15 miles S	3940 ft	4
SITE NAME			MAPS	ID
GRAND PACIFIC			1 , 3	6495
ADDRESS			CITY	ZIP
DETAILS				
MILSALB_: 6696 MILSALB_ID: 40210485 SEQ: 40210485 COMMODITY: COPPER, MANGANESE, IRON TYPE: UNDERGROUND STATUS: PAST PRODUCER POR: MAINENT POP: 100M ZONE: 12 NORTHING: 3680999 EASTING: 493454 QUADRANGLE: MESA MAP: SUPERIOR MERIDIAN: GILA & SALT R TOWNSHIP: 002 S RANGE: 012 E SEC: 12 SUBDIVISIO: C S2 YOD: 0 DISTRICT: Not Reported CTY_ALB_: 12 CTY_ALB_ID: 3054 STATE_FIPS: 4 CNTY_FIPS: 21 FIPS: 4021 STATE_NAME: Arizona CNTY_NAME: Pinal SUB_REGION: Mtn STAT_FLAG: 1 Mines.ID: 40210485				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
MRDS-US	Listed	0.16 miles S	3848 ft	5
SITE NAME			MAPS	ID
Grand Pacific Mine			1 , 3	10048317
ADDRESS			CITY	ZIP

DETAILS

DEP ID: 10048317
 MRDS ID: M899887
 MAS ID: Not Reported
 Site Name: Grand Pacific Mine
 Region: NA
 Country: United States
 County: Pinal
 Commodity Type: M
 Commodity 1: Copper
 Commodity 2: Silver, Gold, Manganese
 Commodity 3: Not Reported
 Operation Type: Unknown
 Deposit/Resource Type: Not Reported
 Production Size: S
 Development Status: Producer
 Gangue: Calcite, Pyrite, Quartz
 Ore: Cuprite
 Other Materials: Not Reported
 Form/Shape of the Ore Body: LENTICULAR
 Work Type: Underground
 Model: Not Reported
 Alteration: Near Surface Oxidation
 Concentration Process: Not Reported
 Previous Name: Pacific Group; Pacific Mine
 Ore Control: Ne Trending Faults Crossing Escabosa Limestone, Fault Intersections
 Reporter: Roth, Frances A. (Gest, Don E.)
 Host Rock Unit: Escabosa Limestone; Martin Limestone
 Host Rock Type: Limestone
 Associated Rock Unit: Not Reported
 Associated Rock Type: Diabase
 Structure: "Nw Trending Fault Systems, Ne Trending Fault Systems", "Nw Trending Iron Cap Fault, Ne Trending Sandal Fault"
 Tectonic Setting Description: Not Reported
 Bibliographic Reference: {Deposit:: ABGMT CLIPPINGS FILES}{Deposit:: ABGMT-USBM FILE DATA}{Deposit:: USBM FILES}{Deposit:: SHORT, M.N., GEOLOGY AND ORE DEPOSITS OF THE SUPERIOR MINING AREA, ARIZONA, 1943, ABM BULLETIN 151, P. 158}{Deposit:: FARNHAM, L.L., MANGANESE DEPOSITS OF E
 Year First Produced (YFP): 1916
 Production Before or After YFP: Not Reported
 Year Last Produced (YLP): 1955
 Production Before or After YLP: Not Reported
 Discovered Before or After DY: Not Reported
 Discovery Year: 1900
 Production Years: Not Reported
 Name and Address of Discoveries Responsible Party: John Sandal

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
MRDS-US	Listed	0.16 miles S	3848 ft	6
SITE NAME			MAPS	ID
Grand Pacific			1 , 3	10283301
ADDRESS			CITY	ZIP

DETAILS

DEP ID: 10283301
 MRDS ID: M899887
 MAS ID: 0040210485
 Site Name: Grand Pacific
 Region: NA
 Country: United States
 County: Pinal
 Commodity Type: M
 Commodity 1: Copper, Iron, Manganese
 Commodity 2: Not Reported
 Commodity 3: Not Reported
 Operation Type: Underground
 Deposit/Resource Type: Not Reported
 Production Size: Not Reported
 Development Status: Past Producer
 Gangue: Not Reported
 Ore: Not Reported
 Other Materials: Not Reported
 Form/Shape of the Ore Body: Not Reported
 Work Type: Not Reported
 Model: Not Reported
 Alteration: Not Reported
 Concentration Process: Not Reported
 Previous Name: Pacific Group; Climax; Grand Pacific Copper Co of Az Prop; Sandal Group
 Ore Control: Not Reported
 Reporter: Admr
 Host Rock Unit: Not Reported
 Host Rock Type: Not Reported
 Associated Rock Unit: Not Reported
 Associated Rock Type: Not Reported
 Structure: Not Reported
 Tectonic Setting Description: Not Reported
 Bibliographic Reference: {Deposit:: CLAIMS EXTEND INTO SEC.SEC.24}{Deposit:: JONES,E L JR.AND F L RANSOME,USGS 710-D,P165}{Deposit:: SHORT,M.N.ET AL,ABM BULL.151,P.158}{Deposit:: ADMR MAGMATIC COPPER MINES FILE,MAP}{Deposit:: ADMR MAGMA COPPER CO.MISCELLANEOUS #1 FILE}{Deposit::
 Year First Produced (YFP): 0
 Production Before or After YFP: Not Reported
 Year Last Produced (YLP): 0
 Production Before or After YLP: Not Reported
 Discovered Before or After DY: Not Reported
 Discovery Year: 0
 Production Years: Not Reported
 Name and Address of Discoveries Responsible Party: Not Reported

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
MRDS-US	Listed	0.17 miles W	3796 ft	7
SITE NAME			MAPS	ID
Belmont Copper Property			1 , 3	10210657
ADDRESS			CITY	ZIP

DETAILS

DEP ID: 10210657
 MRDS ID: M899889
 MAS ID: 0040210158
 Site Name: Belmont Copper Property
 Region: NA
 Country: United States
 County: Pinal
 Commodity Type: M
 Commodity 1: Silver, Copper, Gold
 Commodity 2: Molybdenum, Vanadium, Lead, Manganese
 Commodity 3: Not Reported
 Operation Type: Underground
 Deposit/Resource Type: Not Reported
 Production Size: Not Reported
 Development Status: Past Producer
 Gangue: Not Reported
 Ore: Not Reported
 Other Materials: Not Reported
 Form/Shape of the Ore Body: Not Reported
 Work Type: Not Reported
 Model: Not Reported
 Alteration: Not Reported
 Concentration Process: Not Reported
 Previous Name: Unpatented Claims M S 3093; Lone Star M S 3096, Patented; Patented & Unpat. Claims M S 2838; Unpatented Claim M S 3094; Unpatented Claim M S 3095; Lonestar; Consolidated Holding and Trust Co
 Ore Control: Not Reported
 Reporter: ADMR
 Host Rock Unit: Not Reported
 Host Rock Type: Not Reported
 Associated Rock Unit: Not Reported
 Associated Rock Type: Not Reported
 Structure: Not Reported
 Tectonic Setting Description: Not Reported
 Bibliographic Reference: {Deposit:: CLAIMS EXTEND INTO SEC.11}{Deposit:: USGS SUPERIOR QUAD}{Deposit:: SHORT, M.N. ET AL, ABM BULL 151, PP154-158}{Deposit:: ADMR BELMONT MINE FILE}{Deposit:: WILSON, E D, ET AL, ABM BULL 137, P170}{Deposit:: BLM MINING DIST SHEET 609}{Deposit:: ADMR MAG
 Year First Produced (YFP): 0
 Production Before or After YFP: Not Reported
 Year Last Produced (YLP): 0
 Production Before or After YLP: Not Reported
 Discovered Before or After DY: Not Reported
 Discovery Year: 0
 Production Years: Not Reported
 Name and Address of Discoveries Responsible Party: Not Reported

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
MRDS-US	Listed	0.22 miles W	3785 ft	8
SITE NAME			MAPS	ID
Belmont Mine			1 , 3	10088908
ADDRESS			CITY	ZIP

DETAILS

DEP ID: 10088908
 MRDS ID: M899889
 MAS ID: Not Reported
 Site Name: Belmont Mine
 Region: NA
 Country: United States
 County: Pinal
 Commodity Type: M
 Commodity 1: Copper
 Commodity 2: Silver, Lead, Zinc, Gold
 Commodity 3: Manganese, Vanadium
 Operation Type: Unknown
 Deposit/Resource Type: Not Reported
 Production Size: S
 Development Status: Producer
 Gangue: Calcite, Pyrite, Quartz
 Ore: Argentite, Cerargyrite, Chalcopyrite, Galena, Gold, Silver, Sphalerite, Vanadinite, Wulfenite
 Other Materials: Not Reported
 Form/Shape of the Ore Body: Not Reported
 Work Type: Underground
 Model: Not Reported
 Alteration: Near Surface Oxidation
 Concentration Process: Not Reported
 Previous Name: Doggs; Goodwin; Smith Lease; Monte Carlo Claim
 Ore Control: Ne Trending Faults Crossing Escabrosa Limestone, Intersection With Nw Trending Faults
 Reporter: Roth, Frances A. (Gest, Don E.)
 Host Rock Unit: Escabrosa Limestone; Martin Limestone
 Host Rock Type: Diabase
 Associated Rock Unit: Not Reported
 Associated Rock Type: Diabase
 Structure: "Nw Trending Fault Systems, Ne Trending Fault Systems, Overlain By Pennsylvanian Naco Limestone, Escabrosa Limestone, And Martin Limestone ; Reg.Trends: Lenticular", "Nw Trending Iron Cap Fault, Ne Trending Eureka And Sandal Faults"
 Tectonic Setting Description: Not Reported
 Bibliographic Reference: {Deposit:: ABGMT CLIPPINGS FILES.}{Deposit:: ABGMT-USBM FILE DATA.}{Deposit:: AZ DEPT MIN RESOURCES FILE DATA.}{Deposit:: USBM FILES.}{Deposit:: SHORT, M.N., 1943, GEOLOGY AND ORE DEPOSITS OF THE SUPERIOR MINING AREA, ARIZONA: ABM BULLETIN 151, P. 154-1
 Year First Produced (YFP): 1926
 Production Before or After YFP: Not Reported
 Year Last Produced (YLP): 1945
 Production Before or After YLP: Not Reported
 Discovered Before or After DY: Not Reported
 Discovery Year: 1899
 Production Years: Not Reported
 Name and Address of Discoveries Responsible Party: A.J. Daggs

RECORDS SOURCES SEARCHED

Air-AZ

Arizona Air Permits

Category: State/Tribal ASTM Other

Description: This database contains permitted facilities in Arizona. These sites are active and have received ADEQ air permits.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027712331

Date last updated: 7/29/2014

Date last checked: 10/27/2014

Distance searched: 0.5 miles

Sites:

None Found

ALF-AZ

Active Landfills

Category: State/Tribal Landfill/Solid Waste

Description: This database contains a listing of Active Solid Waste Landfills.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027712221

Date last updated: 2/4/2015

Date last checked: 2/4/2015

Distance searched: 0.5 miles

Sites:

None Found

ASPL-AZ

Arizona Superfund Program List

Category: State/Tribal CERCLIS Equivalent

Description: This database contains WQARF Registry Sites, National Priorities List (NPL) sites and Department of Defense (DOD) sites requiring SPS oversight as reported by the Arizona Department of Environmental Quality.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027714340

Date last updated: 3/20/2014

Date last checked: 4/9/2014

Distance searched: 0.5 miles

Sites:

None Found

AST2-AZ

Aboveground Storage Tanks

Category: State/Tribal UST

Description: This database contains aboveground storage tanks as reported by the Department of Fire, Building and Line Safety.

Agency: Department of Fire, Building and Line Safety

Phone Number: 6023641003

Date last updated: 2/4/2015

Date last checked: 2/4/2015

Distance searched: 0.25 miles

Sites:

None Found

AST-AZ**Aboveground Storage Tanks**

Category: State/Tribal UST

Description: This database contains a listing of Aboveground Storage Tanks reported by Arizona Department of Environmental Quality.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027712300

Date last updated: 2/2/2015

Date last checked: 2/2/2015

Distance searched: 0.25 miles

Sites:

None Found

BF-Closed-AZ**Brownfield Sites, Closed Cases**

Category: State/Tribal Brownfield

Description: This database contains a listing of Brownfield Closed Sites where the contamination on the property has been cleaned up.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027714153

Date last updated: 8/19/2014

Date last checked: 10/27/2014

Distance searched: 0.5 miles

Sites:

None Found

BF-Open-AZ**Brownfield Sites, Open Cases**

Category: State/Tribal Brownfield

Description: Brownfield Open Sites where the contamination on the property has not been cleaned up.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027714153

Date last updated: 8/19/2014
Date last checked: 10/27/2014
Distance searched: 0.5 miles
Sites:
None Found

BF-US
A Listing of Brownfields Sites
Category: Federal Brownfield
Description: This database contains a listing of Brownfields sites listed under the "Cleanups in My Community" program maintained by EPA.
Agency: U.S. Environmental Protective Agency
Phone Number: 2025662777
Date last updated: 11/20/2014
Date last checked: 3/27/2015
Distance searched: 0.5 miles
Sites:
None Found

BioFuel-US
Bio Diesel Fuel
Category: ERS Supplemental Govt Sources
Description: This database contains a listing of EPA Fuels Programs facilities.
Agency: U.S Environmental Protection Agency
Phone Number: 2023439303
Date last updated: 11/20/2014
Date last checked: 11/18/2014
Distance searched: 0.25 miles
Sites:
None Found

CDL-AZ
Clandestine Drug Labs
Category: ERS Supplemental Govt Sources
Description: This database contains a listing of seized illegal drug laboratory sites where drug manufacturing chemicals were seized. These sites are reported to meet the S.R.S. 12-990(1) definition of a "clandestine drug laboratory."
Agency: Arizona State Board of Technical Registration
Phone Number: 6023644948
Date last updated: 2/2/2015
Date last checked: 2/2/2015
Distance searched: 0.25 miles
Sites:
None Found

CDL-US**National Clandestine Drug Lab Register****Category:** ERS Supplemental Govt Sources**Description:** National Clandestine Drug Lab Register. This database contains a listing of 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.**Agency:** Unites States Drug Enforcement Administration**Phone Number:** 2023071000**Date last updated:** 11/20/2014**Date last checked:** 11/19/2014**Distance searched:** 0.25 miles**Sites:**

None Found

CERCLIS-Archived-US**CERCLIS sites that have been archived****Category:** Federal CERCLIS NFRAP**Description:** This database contains a listing of Archived CERCLIS sites. The Archive designation means that assessment at a site has been completed and EPA has determined no steps will be taken to designate the site as a priority by listing it on the National Priorities List (NPL). No further remedial action is planned for these sites under the Superfund Program.**Agency:** United States Environmental Protection Agency**Phone Number:** 8004249346**Date last updated:** 11/19/2014**Date last checked:** 2/27/2015**Distance searched:** 0.5 miles**Sites:**

None Found

CERCLIS-US**Comprehensive Environmental Response, Compensation, and Liability Information System****Category:** Federal CERCLIS**Description:** CERCLIS is the Comprehensive Environmental Response, Compensation, and Liability Information System. CERCLIS contains information on hazardous waste sites, potential hazardous waste sites, and remedial activities across the nation, including sites that are on the National Priorities List (NPL) or being considered for the NPL. This database contains a listing of NPL Sites.**Agency:** United States Environmental Protection Agency**Phone Number:** 8004249346**Date last updated:** 11/19/2014**Date last checked:** 2/27/2015**Distance searched:** 0.5 miles**Sites:**

None Found

CLF-AZ

Closed Landfills

Category: State/Tribal Landfill/Solid Waste

Description: This database contains a listing of Closed Solid Waste Landfills.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027712221

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.5 miles

Sites:

None Found

Controls-AZ

Environmental Use Restriction Sites

Category: State/Tribal Inst/Eng Controls

Description: Arizona DEQ maintains a DEUR Tracking Database that lists all sites with Environmental Use Restrictions and Voluntary Environmental Mitigation Use Restrictions. This database contains listings of both types.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027714397

Date last updated: 2/4/2015

Date last checked: 2/4/2015

Distance searched: 0.5 miles

Sites:

None Found

Controls-RCRA-US

Federal RCRA with Controls

Category: Federal Inst/Eng Controls

Description: This database contains RCRA facilities that have Inst/Eng Controls placed on them as identified by the EPA.

Agency: Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 3/10/2015

Date last checked: 3/30/2015

Distance searched: 0.5 miles

Sites:

None Found

Controls-US

Controls List

Category: Federal Inst/Eng Controls

Description: This database contains a listing of Voluntary Action Program Sites with Engineering Controls and/or Institutional Controls placed on them and were identified by the Environmental Protection Agency.

Agency: Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 3/12/2015

Date last checked: 3/2/2015

Distance searched: 0.5 miles

Sites:

None Found

Dams-AZ

Arizona Dams

Category: ERS Supplemental Govt Sources

Description: This database contains dam locations in Arizona. The data is provided by the University of Arizona Institutional Repository and has not been updated since 1996.

Agency: United States Environmental Protection Agency

Phone Number: 2022607301

Date last updated: 2/4/2015

Date last checked: 2/4/2015

Distance searched: 0.25 miles

Sites:

None Found

Debris-US

Debris Sites

Category: Federal Solid Waste

Description: This database contains the Torres Martinez Reservation Illegal dump sites reported by the United States Environmental Protection Agency.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.5 miles

Sites:

None Found

Delisted-NPL-US

Delisted NPL Sites

Category: Federal Delisted NPL

Description: This database contains a listing of Delisted NPL sites. These are facilities that have been removed from the NPL list. The EPA may delete a final NPL site if it determines that no further response is required to protect human health or the environment.

Agency: Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 11/19/2014

Date last checked: 2/27/2015

Distance searched: 0.5 miles

Sites:

None Found

DryCleaners-AZ

Dry Cleaner Facilities

Category: ERS Supplemental Govt Sources

Description: This database contains a listing of drycleaners reported by the Arizona Department of Environmental Quality.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027712221

Date last updated: 4/29/2014

Date last checked: 4/28/2014

Distance searched: 0.25 miles

Sites:

None Found

DryWell-AZ

DryWells

Category: ERS Supplemental Govt Sources

Description: This database contains drywell locations reported by the Arizona Department of Environmental Quality.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027714686

Date last updated: 2/4/2015

Date last checked: 2/4/2015

Distance searched: 0.25 miles

Sites:

None Found

EGRID-US

Emissions & Generation Resource Facilities

Category: ERS Supplemental Govt Sources

Description: Emissions & Generation Resource Integrated Database (eGRID) is a comprehensive source of data on the environmental characteristics of almost all electric power generated in the United States.

Agency: Environmental Protection Agency

Phone Number: 2023439340

Date last updated: 3/2/2015

Date last checked: 3/2/2015

Distance searched: 0.5 miles

Sites:

None Found

ERNS-US**Emergency Response Notification System****Category:** Federal ERNS**Description:** The primary function of the National Response Center is to serve as the sole national point of contact for reporting all oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories. This database contains a listing of discharge locations.**Agency:** National Response Center**Phone Number:** 8004248802**Date last updated:** 3/2/2015**Date last checked:** 3/2/2015**Distance searched:** 0.25 miles**Sites:**

None Found

FA-HW-US**Financial Assurance, Hazardous Waste****Category:** ERS Supplemental Govt Sources**Description:** This database contains Financial Assurance facilities listed under the Hazardous Waste program as reported by the United States Environmental Protection Agency.**Agency:** United States Environmental Protection Agency**Phone Number:** 8004249346**Date last updated:** 12/15/2014**Date last checked:** 10/7/2014**Distance searched:** 0.25 miles**Sites:**

None Found

FA-UST-AZ**Financial Assurance for Underground Storage Tanks****Category:** ERS Supplemental Govt Sources**Description:** This database identifies facilities with Underground Storage Tanks that have financial assurance as reported by the Arizona Department of Environmental Quality.**Agency:** Arizona Department of Environmental Quality**Phone Number:** 7852961684**Date last updated:** 2/2/2015**Date last checked:** 2/2/2015**Distance searched:** 0.25 miles**Sites:**

None Found

FRS-US

Facility Registry Index (FINDS)

Category: ERS Supplemental Govt Sources

Description: The Facility Registry System (FRS) is a centrally managed database that identifies facilities, sites or places subject to environmental regulations or of environmental interest.

Agency: Environmental Protection Agency

Phone Number: 2022720167

Date last updated: 11/20/2014

Date last checked: 11/8/2014

Distance searched: 0.25 miles

Sites:

None Found

FTTS-ENF-US**FIFRA/TSCA Tracking System (FTTS) Enforcement Actions**

Category: Federal ASTM Other

Description: The FIFRA/TSCA Tracking System (FTTS) is a regional system used to track compliance activities such as inspections, case review, enforcement actions taken, samples collected, and pesticide grants and cooperative agreement information. The compliance monitoring and enforcement activities are tracked from the time an inspector conducts (or schedules) an inspection until the time the case is closed or the enforcement action is settled. Specific legal citations include, but are not limited to: Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), Toxic Substances Control Act (TSCA), and Emergency Planning and Community Right-to-Know Act (EPCRA).

Agency: United States Environmental Protection Agency

Phone Number: 2025642501

Date last updated: 7/10/2014

Date last checked: 7/2/2014

Distance searched: 1 mile

Sites:

None Found

FTTS-INSP-US**FIFRA/TSCA Tracking System (FTTS) Inspections**

Category: ERS Supplemental Govt Sources

Description: The FIFRA/TSCA Tracking System (FTTS) is a regional system used to track compliance activities such as inspections, case review, enforcement actions taken, samples collected, and pesticide grants and cooperative agreement information. The compliance monitoring and enforcement activities are tracked from the time an inspector conducts (or schedules) an inspection until the time the case is closed or the enforcement action is settled. Specific legal citations include, but are not limited to: Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), Toxic Substances Control Act (TSCA), and Emergency Planning and Community Right-to-Know Act (EPCRA).

Agency: United States Environmental Protection Agency

Phone Number: 2025642501

Date last updated: 7/10/2014

Date last checked: 7/2/2014

Distance searched: 0.25 miles

Sites:

None Found

FUDS-US**Formerly Used Defense Sites**

Category: ERS Supplemental Govt Sources

Description: The Department of Defense (DoD) is responsible for environmental restoration of properties that were formerly owned by, leased to or otherwise possessed by the United States and under the jurisdiction of the Secretary of Defense. Such properties are known as Formerly Used Defense Sites (FUDS). The Army is the executive agent for the program and the U.S. Army Corps of Engineers manages and directs the program's administration. The scope and magnitude of the FUDS program are significant, with more than 9,900 properties identified for potential inclusion in the program. Information about the origin and extent of contamination, land transfer issues, past and present property ownership, and program policies must be evaluated before DoD considers a property eligible for Defense Environment Restoration Account (DERA) funding under the FUDS program. Environmental cleanup procedures at FUDS are similar to those at active DoD installations.

Agency: Department of Defense

Phone Number: 2025284285

Date last updated: 3/13/2015

Date last checked: 3/2/2015

Distance searched: 1 mile

Sites:

None Found

Hist-AFS2-US**Air Facility System for Clean Air Act stationary sources**

Category: Federal ASTM Other

Description: AFS contains emissions, compliance, and enforcement data on stationary sources of air pollution. Regulated sources cover a wide spectrum; from large industrial facilities to relatively small operations such as dry cleaners (automobiles and other mobile air pollution sources are tracked by a different AIRS subsystem (AMS).

Agency: Environmental Protection Agency

Phone Number: 2025645962

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.5 miles

Sites:

None Found

Hist-AFS-US**Air Facility System for Clean Air Act stationary sources**

Category: Federal ASTM Other

Description: AFS contains emissions, compliance, and enforcement data on stationary sources of air pollution. Regulated sources cover a wide spectrum; from large industrial facilities to relatively small operations such as dry cleaners (automobiles and other mobile air pollution sources are tracked by a different AIRS subsystem (AMS).

Agency: Environmental Protection Agency

Phone Number: 2025645962

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.5 miles

Sites:

None Found

Hist-Agriculture

Ranches/Farms, Livestock/Agriculture

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Ranches, Farms, Livestock, and/or Agriculture. This classification covers establishments primarily engaged in the production or feeding of beef cattle, except feedlots. Establishments also included are engaged in the production of cows' milk and other dairy products and in raising dairy heifer replacements. Such farms may process and bottle milk on the farm and sell at wholesale or retail. This category also includes establishments primarily engaged in the production of animal specialties, not elsewhere classified, such as pets, bees, worms, and laboratory animals. Furthermore, this industry includes establishments primarily engaged in the production of cash grains, not elsewhere classified. Primary cash grains in this classification include dry field and seed peas and beans, safflowers, sunflowers, and popcorn.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Auto Dealers

Auto and Truck Dealers

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Auto Dealers. This classification is comprised of establishments involved in the retail sale of new automobiles and light trucks. This category also covers establishments primarily engaged in the retail sale of used cars only, with no sales of new automobiles, new automobile tires, batteries, and other automobile parts and accessories.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Auto Repair

Automotive and Truck Tire Dealers

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Auto Repair and Tire Dealers. This classification is primarily selling, tires, replacement parts, batteries, and other automotive accessories. In addition, many operate service departments.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-AZ

Previously Listed Arizona Sites

Category: ERS Supplemental Govt Sources

Description: ERS has compiled records that have been previously listed in other agency databases. When ERS updates an agency database, if there is a record that was in the older version but the record is not found in the newer version, it is put into this database. The site may have been completely removed, or there was a significant change in the record such as Name, ID, or Address. The information from the old listing is preserved in this database along with which database it was originally in. It is also possible that it was moved from one database to another such as a LUST Open site receiving closure and now being listed in the LUST Closed database.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Chemical Manufacturing

Manufacturing and Distribution of Chemicals, Gases, and/or Solids

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Manufacturing and Distribution of Chemicals, Gases, and/or Solids. This industry classification includes establishments engaged in manufacturing alkalies and chlorine. Examples of products include compressed or liquefied chlorine, sodium or potassium hydroxide, sodium bicarbonate, and soda ash (not produced at mines). Manufacturing of industrial gases (organic as well as inorganic) that may be sold in compressed, liquid, or solid form. Industrial gases include acetylene, argon, carbon dioxide, helium, hydrogen, neon, nitrogen, nitrous oxide, and oxygen. Also, manufacturing industrial inorganic chemicals not elsewhere classified. A few examples are alum, ammonium compounds (except for fertilizer), industrial bleaches (sodium or calcium hypochlorite), chemical catalysts, hydrazine, hydrochloric acid, hydrogen peroxide, inorganic sodium compounds, and sulfuric acid. Other chemicals, not elsewhere classified, such as, fatty acids, essential oils, gelatin (except vegetable), sizes, bluing, laundry soaps, writing and stamp pad ink, industrial compounds, such as boiler and heat insulating compounds, metal, oil, and water treating compounds, waterproofing compounds, and chemical supplies for foundries. This category also includes manufacturing various resins and plastics for sale to other industries that create plastic sheets, rods, films, and other products. The category also includes synthetic rubber, soap and detergents, rayon and acetate fibers. Furthermore, this category includes industrial and household adhesives, glues, caulking compounds, sealants, and linoleum, tile, rubber cements from vegetable, hardwood and softwood distillation products, natural dyes, tanning materials, and related products

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Cleaners

Laundry, Cleaners, and Dry Cleaning Services

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites, such as: Laundry, Cleaners, and Dry Cleaning Services. This category includes firms that primarily operate mechanical laundries powered with steam or other means, offer services, such as, dry cleaning or dyeing apparel, household fabrics, cleaning carpets and upholstered furniture, repair, alteration, and storage of clothes for individuals. Also, these establishments may provide laundered or dry-cleaned services to industrial, commercial, and government users. This category also includes establishments that primarily serve as agents for launderers and drycleaners. Furthermore, this category also includes businesses that primarily supply or rent to commercial establishments or household users the following laundered items: uniforms, gowns, and coats used by doctors, nurses, barbers, beauticians, and waitresses; table linens, bed linens, towels and toweling; and similar various items.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Dumps-US

Dumps Inventory of 1985

Category: Federal Solid Waste

Description: This database contains Dumps as reported on the Inventory of Open Dumps from 1985. This report was published by the Office of Solid Waste, EPA.

Agency: Environmental Protection Agency

Phone Number: 2025660200

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.5 miles

Sites:

None Found

Hist-FIFRA-US

Case Administration Data from National Compliance Database (Federal Insecticide, Fungicide, and Rodenticide Act)

Category: ERS Supplemental Govt Sources

Description: This database is no longer maintained by EPA since 2006. The system tracked compliance monitoring and enforcement activities from the time an inspector conducts an inspection until the inspector closes the case or settles any resulting enforcement action(s). EPA now has the ICS database to track this information.

Agency: U.S. Environmental Protection Agency

Phone Number: 2025642501

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Machine Shop

Machine Shops, Welding, Machine Repair

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites, such as: Machine shops, welding shops and machine repair.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Manufacturing

Historic Sources US: Manufacturing

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes manufacturing sites.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Metal Plating

Metal Plating

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes metal plating sites.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

HIST-MLTS-US

Material Licensing Tracking System

Category: ERS Supplemental Govt Sources

Description: This database contains facilities listed on the Material Licensing Tracking system that possess or use radioactive materials as reported by the U.S. Nuclear Regulatory Commission. In late 2012, the agency changed from MLTS to WBL system and no longer keep track of certain information that was available in the old MLTS system.

Agency: U.S. Nuclear Regulatory Commission

Phone Number: 3014157169

Date last updated: 12/18/2014

Date last checked: 12/18/2014

Distance searched: 0.25 miles

Sites:

None Found

Hist-Mortuaries

Crematories/Mortuaries

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Mortuaries and Crematories. This classification includes establishments primarily engaged in preparing the dead for burial, conducting funerals, and cremating the dead.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Paint-Stores

Paint Stores

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes paint stores.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Petroleum

Petroleum Refining/ Manufacturing/ Chemicals

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Petroleum Refining, Manufacturing, and/or processing Chemicals. This category covers establishments engaged primarily in producing gasoline, kerosene, distillate fuel oils, residual fuel oils, and lubricants through fractionation or straight distillation of crude oil, re-distillation of unfinished petroleum derivatives, cracking, or other processes. This category also includes establishments primarily engaged in manufacturing packaged fuel, powdered fuel, and other products of petroleum and coal not elsewhere classified, asphalt and tar paving mixtures and paving blocks made of asphalt mixed. Furthermore, this category includes establishments primarily engaged in blending, compounding, and re-refining lubricating oils and greases from purchased mineral, animal, and vegetable materials.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Printers

Printers and Publishers

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Printers and Publishers. This category is primarily engaged in publishing newspapers or in publishing and printing newspapers, publishing and printing periodicals, publishing and printing books and pamphlets. Other forms of publishing not elsewhere classified, such as, atlases, business service newsletters, calendars, catalogs, directories, guides, maps and map globe covers, paper patterns, race track programs, racing forms, sheet music, shopping news, technical manuals and papers, telephone directories, and yearbooks, as well as the activity of micropublishing. This category also includes, commercial printing of magazines, postage stamps, dollar bills, calendars, fine art prints, wallpaper, catalogs, coupons, directories, newspaper advertising inserts, playing cards, postcards, gift wrap, and product packaging and wrappers, greeting cards, blank books, including checkbooks and books with ruling paper, and loose-leaf binders. Furthermore, these industries are also engaged in typesetting for the trade, including advertising typesetting, hand or machine composition, photocomposition, phototypesetting, computer-controlled typesetting, and typographic composition.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-RV-Dealers

Trailer and Recreational Vehicle Dealers

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Trailer and Recreational Vehicle Dealers. This classification is comprised of establishments involved in the retail sale of new and used motor homes, recreational trailers, and campers (pickup coaches), motorcycles, motorboats and other watercraft, marine supplies, and outboard motors.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Salvage

Vehicle Salvage Yards or Wreckers

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Vehicle Salvage Yards or Wreckers.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Service Stations

Service Stations/Vehicle Fueling

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Service Stations/Vehicle Fueling Stations. This category includes gasoline service stations primarily engaged in selling gasoline and lubricating oils. These establishments frequently sell other merchandise, such as tires, batteries, and other automobile parts, or perform minor repair work.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-SPILLS-AZ**Arizona Spills Reported**

Category: Emergency Release Reports

Description: This database includes the incidents identified in the Hazardous Material Logbook reported by the Arizona Department of Environmental Quality. The data only reports incidents prior to November 22, 2001.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027714380

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Transportation**Transportation Facilities**

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Airports and other facilities that may handle hazardous materials and petroleum products.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Trucking**Trucking, Shipping, Delivery, and/or Storage**

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Trucking, Shipping, and/or Delivery Storage. This category covers establishments primarily engaged in furnishing trucking or transfer services without storage for freight generally weighing more than 100 pounds, in a single municipality, contiguous municipalities, or a municipality and its suburban areas. This category also includes establishments primarily engaged in the delivery of individually addressed letters, parcels, and packages (generally under 100 pounds), except by means of air transportation or by the United States Postal Service. This category covers establishments primarily engaged in furnishing "over-the-road" trucking services or storage services, including household goods either as common carriers or under special or individual contracts or agreements, for freight generally weighing more than 100 pounds. This category also includes establishments primarily engaged in the warehousing and storage of special products, not elsewhere classified, such as household goods, automobiles (dead storage only), furs (for the trade), textiles, oil, chemicals, lumber, whiskey, and goods at foreign trade zones, farm products, perishable goods under refrigeration.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-US

Previously Listed Federal Sites

Category: ERS Supplemental Govt Sources

Description: ERS has compiled records that have been previously listed in other agency databases. When ERS updates an agency database, if there is a record that was in the older version but the record is not found in the newer version, it is put into this database. The site may have been completely removed, or there was a significant change in the record such as Name, ID, or Address. The information from the old listing is preserved in this database along with which database it was originally in. It is also possible that it was moved from one database to another such as a LUST Open site receiving closure and now being listed in the LUST Closed database.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-US-EC

Engineering Controls Sites List

Category: Federal Inst/Eng Controls

Description: This database contains a listing of Voluntary Action Program Sites with Engineering Controls placed on them and were identified by the Environmental Protection Agency.

Agency: Environmental Protection Agency

Phone Number: 8004249346

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.5 miles

Sites:

None Found

Hist-US-IC

Sites with Institutional Controls

Category: Federal Inst/Eng Controls

Description: This database contains a listing of Voluntary Action Program Sites with Institutional Controls placed on them and were identified by the Environmental Protection Agency.

Agency: Environmental Protection Agency

Phone Number: 8004249346

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.5 miles

Sites:

None Found

Hist-Vehicle-Parts

Vehicle Parts

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Vehicle Parts Dealers. This category includes establishments primarily engaged in the retail sale of new automobile tires, batteries, and other automobile parts and accessories.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

HMIS-US

Hazardous Materials Information System

Category: Federal Emergency Release Reports

Description: Data includes spills, releases, or other incidents involving hazardous materials in commerce during the course of transportation. All modes of transportation are included except pipeline and bulk marine transportation. Data represent a census of all incidents reportable to the U.S. Department of Transportation This database contains a listing of spills. (DOT). U.S. federal regulations require all spills meeting the following criteria to be reported, in writing, to DOT's Office of Hazardous Materials Safety.

Agency: US Department of Transportation Pipeline and Hazardous Materials Safety Administration

Phone Number: 2023664433

Date last updated: 3/8/2015

Date last checked: 3/2/2015

Distance searched: 0.25 miles

Sites:

None Found

ICIS-FEC-US

Integrated Compliance Information System for Federal Enforcement Data

Category: ERS Supplemental Govt Sources

Description: The Integrated Compliance Information System (ICIS) tracks all formal administrative and judicial enforcement actions taken by the U.S. EPA and is used as the system of record to provide official enforcement data.

Agency: Environmental Protection Agency

Phone Number: 2025646962

Date last updated: 11/24/2014

Date last checked: 11/24/2014

Distance searched: 0.5 miles

Sites:

None Found

ICIS-NPDES-US

National Pollutant Discharge Elimination System (NPDES)

Category: ERS Supplemental Govt Sources

Description: The National Pollutant Discharge Elimination System (NPDES) permit program controls water pollution by regulating point sources that discharge pollutants into waters of the United States. This database contains a listing of permit holders.

Agency: United States Environmental Protection Agency

Phone Number: 2022720167

Date last updated: 2/17/2015

Date last checked: 2/27/2015

Distance searched: 0.25 miles

Sites:

None Found

Lead-US

Lead Smelter Sites

Category: ERS Supplemental Govt Sources

Description: This database contains lead smelter sites reported by the Environmental Protection Agency.

Agency: Environmental Protection Agency

Phone Number: 2025645962

Date last updated: 11/21/2014

Date last checked: 11/21/2014

Distance searched: 0.25 miles

Sites:

None Found

LIENS-US

Federal LIEN Sites

Category: Federal Inst/Eng Controls

Description: This database contains sites that have had Federal Liens filed on them as reported by the EPA.

Agency: U.S. Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 3/2/2015

Date last checked: 3/2/2015

Distance searched: 0.5 miles

Sites:

None Found

LUST-Closed-AZ

Leaking Underground Storage Tanks, Closed Cases

Category: State/Tribal LUST

Description: This database contains a listing of LUST Closed cases where remediation cleanup is complete.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027712300

Date last updated: 2/4/2015

Date last checked: 2/4/2015

Distance searched: 0.5 miles

Sites:

None Found

LUST-Open-AZ

Leaking Underground Storage Tanks, Open Cases

Category: State/Tribal LUST

Description: This database contains a listing of Open LUST cases where remediation cleanup is not complete.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027712300

Date last updated: 2/4/2015

Date last checked: 2/4/2015

Distance searched: 0.5 miles

Sites:

None Found

Manifest2-NY

Hazardous Waste Manifest

Category: State/Tribal RCRA Equivalent

Description: The New York Department of Environmental Conservation, Hazardous Waste Manifest System lists sites from all over the country, not just New York. To be thorough, ERS has searched the data subset that includes Arizona sites for listings on or near the subject site that are listed in the New York Department of Environmental Conservation, Hazardous Waste Manifest System.

Agency: New York State Department of Environmental Conservation

Phone Number: 5184028730

Date last updated: 12/9/2014

Date last checked: 12/5/2014

Distance searched: 0.25 miles

Sites:

None Found

Manifest2-RI

Hazardous Waste Manifest

Category: State/Tribal RCRA Equivalent

Description: The Rhode Island Department of Environmental Management, Hazardous Waste Manifest System lists sites from all over the country, not just Rhode Island. To be thorough, ERS has searched the data subset that includes Arizona sites for listings on or near the subject site that are listed in the Rhode Island Department of Environmental Management, Hazardous Waste Manifest System.

Agency: Rhode Island Department of Environmental Management

Phone Number: 4012222797

Date last updated: 12/16/2014

Date last checked: 12/16/2014

Distance searched: 0.25 miles

Sites:

None Found

Mines-AZ

Arizona Mines

Category: ERS Supplemental Govt Sources

Description: This database contains arizona mine sites reported by the Arizona State Land Department.

Agency: Arizona State Land Department.

Phone Number: 6025424631

Date last updated: 9/10/2014

Date last checked: 10/27/2014

Distance searched: 0.25 miles

Sites:

DAGGS GROUP
BELMONT COPPER PROPERTY
GRAND PACIFIC

MapID: [1](#) Listed
MapID: [3](#) Listed
MapID: [4](#) Listed

MINES-US

Mines Master Index File

Category: ERS Supplemental Govt Sources

Description: The Master Index file contains mine identification numbers issued for mines active or opened since 1971.

Agency: United States Department of Labor

Phone Number: 8777786055

Date last updated: 11/24/2014

Date last checked: 11/21/2014

Distance searched: 0.25 miles

Sites:

None Found

MLTS-US

Material Licensing Tracking System

Category: ERS Supplemental Govt Sources

Description: This database contains facilities listed on the Material Licensing Tracking system that possess or use radioactive materials as reported by the U.S. Nuclear Regulatory Commission.

Agency: U.S. Nuclear Regulatory Commission

Phone Number: 3014157169

Date last updated: 12/18/2014

Date last checked: 12/18/2014

Distance searched: 0.25 miles

Sites:

None Found

MRDS-US

Mineral Resources Data System (MRDS)

Category: ERS Supplemental Govt Sources

Description: MRDS is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references.

Agency: U.S. Geologic Survey

Phone Number: 8882758747

Date last updated: 10/14/2014

Date last checked: 10/10/2014

Distance searched: 0.25 miles

Sites:

Daggs Group

MapID: [2](#) Listed

Grand Pacific Mine	MapID: 5	Listed
Grand Pacific	MapID: 6	Listed
Belmont Copper Property	MapID: 7	Listed
Belmont Mine	MapID: 8	Listed

NPDES-AZ

National Pollutant Discharge Elimination System (NPDES)

Category: ERS Supplemental Govt Sources

Description: This database contains a listing of National Pollutant Discharge Elimination System (NPDES) permit program facilities.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027714334

Date last updated: 10/27/2014

Date last checked: 10/27/2014

Distance searched: 0.25 miles

Sites:

None Found

NPL-US

National Priorities List

Category: Federal NPL

Description: The National Priorities List is the list of national priorities among the known releases or threatened releases of hazardous substances, pollutants, or contaminants throughout the United States and its territories. The NPL is intended primarily to guide the EPA in determining which sites warrant further investigation. This database contains a listing of NPL sites.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 11/21/2014

Date last checked: 2/27/2015

Distance searched: 1 mile

Sites:

None Found

OGW-AZ

Arizona Oil and Gas Wells

Category: ERS Supplemental Govt Sources

Description: This database contains a listing of Oil and Gas Wells identified by the Arizona Geological Survey.

Agency: Arizona Geological Survey

Phone Number: 5207703500

Date last updated: 10/27/2014

Date last checked: 10/27/2014

Distance searched: 0.25 miles

Sites:

None Found

Oil-Centers-AZ**Used Oil Collection Centers**

Category: State/Tribal ASTM Other

Description: This database contains a listing of registered Used Oil Collection Centers in Arizona.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027714140

Date last updated: 2/4/2015

Date last checked: 2/4/2015

Distance searched: 0.5 miles

Sites:

None Found

PADS-US**PCB Registration Database System**

Category: Federal ASTM Other

Description: This database contains a listing of generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Agency: Environmental Protection Agency

Phone Number: 2025660500

Date last updated: 3/2/2015

Date last checked: 3/2/2015

Distance searched: 0.5 miles

Sites:

None Found

PCB-US**PCB Transformers**

Category: Federal ASTM Other

Description: PCB Transformer Registration Database. This database indicates the best known current status of registered PCB transformers

Agency: U.S Environmental Protection Agency

Phone Number: 7033088404

Date last updated: 3/2/2015

Date last checked: 3/2/2015

Distance searched: 0.25 miles

Sites:

None Found

PCS-US**Permit Compliance System for Clean Water Act**

Category: ERS Supplemental Govt Sources

Description: PCS is an information management system maintained by the Office of Compliance to track permit compliance and enforcement status of facilities regulated by the National Pollutant Discharge Elimination System (NPDES) under the Clean Water Act. PCS is designed to support the NPDES program at the state, regional, and national levels.

Agency: Environmental Protection Agency

Phone Number: 2025640221

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

RADINFO-US

Radiation Information Database

Category: ERS Supplemental Govt Sources

Description: This database contains a listing of facilities that are regulated by the US EPA regulations for radiation and radioactivity.

Agency: Environmental Protection Agency

Phone Number: 2023439775

Date last updated: 12/23/2014

Date last checked: 12/23/2014

Distance searched: 0.5 miles

Sites:

None Found

RCRA-CESQG-US

Resource Conservation and Recovery Act, Conditionally Exempt Small Quantity Generators

Category: Federal RCRA Generators

Description: The primary goals of RCRA are to: Protect human health and the environment from the potential hazards of waste disposal. Conserve energy and natural resources. Reduce the amount of waste generated. Ensure that wastes are managed in an environmentally sound manner. This database contains a listing of Conditionally Exempt Small Quantity Generators.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 11/17/2014

Date last checked: 9/17/2014

Distance searched: 0.25 miles

Sites:

None Found

RCRA-COR-US

Resource Conservation and Recovery Act - Corrective Actions

Category: Federal RCRA CORRACTS

Description: The primary goals of RCRA are to: Protect human health and the environment from the potential hazards of waste disposal. Conserve energy and natural resources. Reduce the amount of waste generated. Ensure that wastes are managed in an environmentally sound manner.

EPA estimates that between 50 and 70 percent of all TSDFs have some degree of environmental contamination requiring detailed investigation and perhaps cleanup. Under a program entitled Corrective Action, EPA has the statutory authority to require permitted and interim status TSDFs to clean up hazardous waste contamination. This database contains a listing of sites that have had corrective action.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 11/17/2014

Date last checked: 9/17/2014

Distance searched: 1 mile

Sites:

None Found

RCRA-LQG-US

Resource Conservation and Recovery Act, Large Quantity Generators

Category: Federal RCRA Generators

Description: The primary goals of RCRA are to: Protect human health and the environment from the potential hazards of waste disposal. Conserve energy and natural resources. Reduce the amount of waste generated. Ensure that wastes are managed in an environmentally sound manner. This database contains a listing of Large Quantity Generators.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 11/17/2014

Date last checked: 9/17/2014

Distance searched: 0.25 miles

Sites:

None Found

RCRA-NON-US

Resource Conservation and Recovery Act

Category: Federal RCRA Generators

Description: The primary goals of RCRA are to: Protect human health and the environment from the potential hazards of waste disposal. Conserve energy and natural resources. Reduce the amount of waste generated. Ensure that wastes are managed in an environmentally sound manner. This database contains a listing of RCRA Non-Hazardous generators.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 11/17/2014

Date last checked: 9/17/2014

Distance searched: 0.25 miles

Sites:

None Found

RCRA-SQG-US

Resource Conservation and Recovery Act, Small Quantity Generators

Category: Federal RCRA Generators

Description: The primary goals of RCRA are to: Protect human health and the environment from the potential hazards of waste disposal. Conserve energy and natural resources. Reduce the amount of waste generated. Ensure that wastes are managed in an environmentally sound manner. This database contains a listing of Small Quantity Generators.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 11/17/2014

Date last checked: 9/17/2014

Distance searched: 0.25 miles

Sites:

None Found

RCRA-TSD-US

Resource Conservation and Recovery Act - Treatment, Storage, and Disposal sites

Category: Federal RCRA non-CORRACTS TSD

Description: The primary goals of RCRA are to: Protect human health and the environment from the potential hazards of waste disposal. Conserve energy and natural resources. Reduce the amount of waste generated. Ensure that wastes are managed in an environmentally sound manner.

This database contains a listing of Treatment, Storage and Disposal Facilities - Facilities that receive hazardous waste from generators or other facilities for treatment, storage or disposal of waste are known as TSDFs.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 11/17/2014

Date last checked: 9/17/2014

Distance searched: 0.5 miles

Sites:

None Found

RemOther-Closed-AZ

Remediation Other Sites

Category: State/Tribal ASTM Other

Description: Sites reported by the Arizona Department of Environmental Quality where the owner has elected to remediate the property without the use of an institutional or engineering control.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027714397

Date last updated: 2/4/2015

Date last checked: 2/4/2015

Distance searched: 0.5 miles

Sites:

None Found

RemOther-Open-AZ**Remediation Other Sites****Category:** State/Tribal ASTM Other**Description:** Sites reported by the Arizona Department of Environmental Quality where the owner has elected to remediate the property without the use of an institutional or engineering control.**Agency:** Arizona Department of Environmental Quality**Phone Number:** 6027714397**Date last updated:** 2/4/2015**Date last checked:** 2/4/2015**Distance searched:** 0.5 miles**Sites:**

None Found

RFG-Lab-US**Reformulated Gasoline (RFG)****Category:** ERS Supplemental Govt Sources**Description:** This database includes the list of registered Reformulated Gasoline Laboratories.**Agency:** Environmental Protection Agency, United States**Phone Number:** 2023439303**Date last updated:** 3/2/2015**Date last checked:** 3/2/2015**Distance searched:** 0.25 miles**Sites:**

None Found

RMP-US**Risk Management Plans****Category:** ERS Supplemental Govt Sources**Description:** This database contains facilities that have developed risk management plans as reported by the Environmental Protection Agency. The System for Risk Management Plans (SRMP) is a suite of electronic systems containing information relating to risk management plans submitted by facilities in accordance with the Clean Air Act, Section 112(r). Affected facilities are to develop risk management programs which will prevent and minimize consequences of accidental releases of certain hazardous chemicals that could harm public health and the environment.**Agency:** Environmental Protection Agency**Phone Number:** 2025642491**Date last updated:** 3/12/2015**Date last checked:** 3/2/2015**Distance searched:** 0.25 miles**Sites:**

None Found

ROD-US**Records of Decision****Category:** ERS Supplemental Govt Sources**Description:** The Record of Decision (ROD) is a public document that explains which cleanup alternatives will be used to clean up a Superfund site. The ROD for sites listed on the NPL (NPL Site Listing Process) is created from information generated during the Remedial Investigation/Feasibility Study (RI/FS). A ROD contains site history, site description, site characteristics, community participation, enforcement activities, past and present activities, contaminated media, the contaminants present, scope and role of response action and the remedy selected for cleanup. This database contains a listing of sites with RODs.**Agency:** Environmental Protection Agency**Phone Number:** 8004249346**Date last updated:** 3/2/2015**Date last checked:** 3/2/2015**Distance searched:** 0.5 miles**Sites:**

None Found

SAA-Agreements-US**Sites with Superfund Alternative Approach Agreements****Category:** Federal ASTM Other**Description:** This database contains sites that have a Superfund Alternative agreement. The Superfund alternative (SA) approach uses the same investigation and cleanup process and standards that are used for sites listed on the NPL. The SA approach is an alternative to listing a site on the NPL; it is not an alternative to Superfund or the Superfund process.**Agency:** Environmental Protection Agency**Phone Number:** 2025645110**Date last updated:** 3/2/2015**Date last checked:** 3/2/2015**Distance searched:** 1 mile**Sites:**

None Found

SDWIS-US**Safe Drinking Water Information System****Category:** ERS Supplemental Govt Sources**Description:** This database contains the Safe Drinking Water Information including Public Water, Source and Treatment, Enforcements and Violations reported by the United States Environmental Protection Agency.**Agency:** United States Environmental Protection Agency**Phone Number:** 8004249346**Date last updated:** 3/11/2015**Date last checked:** 3/10/2015**Distance searched:** 0.25 miles**Sites:**

None Found

SS-AZ**Superfund Sites**

Category: State/Tribal CERCLIS Equivalent

Description: This database contains superfund sites in Arizona. The data is provided by the University of Arizona Institutional Repository and last updated in 1997.

Agency: United States Environmental Protection Agency

Phone Number: 2022607301

Date last updated: 2/4/2015

Date last checked: 2/4/2015

Distance searched: 0.5 miles

Sites:

None Found

SSTS-US**Section 7 Tracking System**

Category: ERS Supplemental Govt Sources

Description: This database contains a listing of EPA-registered domestic pesticide-producing and device producing establishments and the pesticides produced based on data in the Section Seven Tracking System.

Agency: Environmental Protection Agency

Phone Number: 2025644203

Date last updated: 12/24/2014

Date last checked: 1/1/2015

Distance searched: 0.25 miles

Sites:

None Found

SWT-AZ**Special Waste Transporter List**

Category: ERS Supplemental Govt Sources

Description: This database contains special waste transporter sites as reported by the Arizona Department of Environmental Quality. Special waste is classified as waste that contains petroleum contaminated soils and waste from shredding motor vehicles.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027712221

Date last updated: 2/4/2015

Date last checked: 2/4/2015

Distance searched: 0.25 miles

Sites:

None Found

Transfer-AZ

Transfer Stations

Category: State/Tribal Landfill/Solid Waste

Description: This database contains active transfer stations as reported by the Arizona Department of Environmental Quality.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027712221

Date last updated: 2/4/2015

Date last checked: 2/4/2015

Distance searched: 0.5 miles

Sites:

None Found

Tribal-Air-US**Tribal Air Permitted Facilities**

Category: Federal ASTM Other

Description: This database contains tribal locations that have been issued air permits as reported by the US Environmental Protection Agency. At this time the database includes region 2, 5, 7, 8, 9, 10.

Agency: United States Environmental Protection Agency

Phone Number: 3123532000

Date last updated: 1/21/2015

Date last checked: 1/21/2015

Distance searched: 0.5 miles

Sites:

None Found

Tribal-BF-US**Tribal Brownfields**

Category: Federal Brownfield

Description: This database contains a listing of Brownfields on Native American Land identified by the United States Environmental Protection Agency.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 5/16/2014

Date last checked: 5/16/2014

Distance searched: 0.5 miles

Sites:

None Found

Tribal-LUST-Closed-Reg9**Tribal Leaking Underground Storage Tanks**

Category: Federal LUST

Description: This database contains a listing of Leaking Underground Storage Tanks on Native American Land identified by the United States Environmental Protection Agency in Region 9.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346
Date last updated: 3/27/2015
Date last checked: 3/27/2015
Distance searched: 0.5 miles
Sites:
None Found

Tribal-LUST-Open-Reg9

Tribal Leaking Underground Storage Tanks

Category: Federal LUST

Description: This database contains a listing of Leaking Underground Storage Tanks on Native American Land identified by the United States Environmental Protection Agency in Region 9.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 3/27/2015

Date last checked: 3/27/2015

Distance searched: 0.5 miles

Sites:

None Found

Tribal-ODI-US

Tribal Open Dump Sites

Category: Federal Solid Waste

Description: This database contains a listing of Open Dump Sites on Native American Land identified by the Indian Health Service

Agency: Indian Health Service

Phone Number: 3014431046

Date last updated: 5/19/2014

Date last checked: 5/16/2014

Distance searched: 0.5 miles

Sites:

None Found

Tribal-UST-Reg9

Tribal Underground Storage Tanks

Category: Federal UST

Description: This database contains a listing of Underground Storage Tanks on Native American Land identified by the United States Environmental Protection Agency in Region 9.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 3/27/2015

Date last checked: 3/27/2015

Distance searched: 0.25 miles

Sites:

None Found

Tribal-VCP-US

Tribal VCP

Category: Federal Tribal VCP

Description: This database contains voluntary cleanup sites located in tribal land as reported by the United States Environmental Protection Agency.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 6/27/2014

Date last checked: 6/24/2014

Distance searched: 0.5 miles

Sites:

None Found

TRIS2000-US

Toxics Release Inventory System

Category: ERS Supplemental Govt Sources

Description: TRIS is a EPA database reported annually by certain covered industry groups, as well as federal facilities. It contains information about more than 650 toxic chemicals that are being used, manufactured, treated, transported, or released into the environment, and includes information about waste management and pollution prevention activities. This database contains a listing of facilities that reported in the years between 2000-2009.

Agency: Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 10/13/2014

Date last checked: 10/9/2014

Distance searched: 0.25 miles

Sites:

None Found

TRIS2010-US

Toxics Release Inventory System

Category: ERS Supplemental Govt Sources

Description: TRIS is a EPA database reported annually by certain covered industry groups, as well as federal facilities. It contains information about more than 650 toxic chemicals that are being used, manufactured, treated, transported, or released into the environment, and includes information about waste management and pollution prevention activities. This database contains a listing of facilities that reported in the years between 2010-2012.

Agency: Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 10/13/2014

Date last checked: 10/9/2014

Distance searched: 0.25 miles

Sites:

None Found

TRIS80-US**Toxics Release Inventory System**

Category: ERS Supplemental Govt Sources

Description: TRIS is a EPA database reported annually by certain covered industry groups, as well as federal facilities. It contains information about more than 650 toxic chemicals that are being used, manufactured, treated, transported, or released into the environment, and includes information about waste management and pollution prevention activities. This database contains a listing of facilities that reported in the years between 1987-1989.

Agency: Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 10/13/2014

Date last checked: 10/9/2014

Distance searched: 0.25 miles

Sites:

None Found

TRIS90-US**Toxics Release Inventory System**

Category: ERS Supplemental Govt Sources

Description: TRIS is a EPA database reported annually by certain covered industry groups, as well as federal facilities. It contains information about more than 650 toxic chemicals that are being used, manufactured, treated, transported, or released into the environment, and includes information about waste management and pollution prevention activities. This database contains a listing of facilities that reported in the years between 1990-1999.

Agency: Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 10/13/2014

Date last checked: 10/9/2014

Distance searched: 0.25 miles

Sites:

None Found

TSCA-US**Toxics Substance Control Sites**

Category: ERS Supplemental Govt Sources

Description: TSCA addresses the production, importation, use, and disposal of specific chemicals including polychlorinated biphenyls (PCBs), asbestos, radon and lead-based paint. This database contains a listing of these facilities.

Agency: U.S. Environmental Protection Agency

Phone Number: 2025642501

Date last updated: 11/24/2014

Date last checked: 11/21/2014

Distance searched: 0.25 miles

Sites:

None Found

UIC-AZ

Underground Injection Control Wells

Category: ERS Supplemental Govt Sources

Description: This database contains Underground Injection Control Wells reported by the Arizona Geological Survey.

Agency: Arizona Geological Survey.

Phone Number: 5207703500

Date last updated: 2/3/2015

Date last checked: 3/21/2014

Distance searched: 0.25 miles

Sites:

None Found

USGS-Waterwells-US

Ground Water Site Inventory

Category: ERS Supplemental Govt Sources

Description: This database contains a listing of wells, springs, test holes, tunnels, drains, and excavations reported by the United States Geological Survey, Water Resources Program.

Agency: United States Geological Survey, Water Resources Program

Phone Number: 9162783000

Date last updated: 5/15/2014

Date last checked: 5/15/2014

Distance searched: 0.25 miles

Sites:

None Found

UST-AZ

Underground Storage Tanks

Category: State/Tribal UST

Description: This database contains a listing of Registered Underground Storage Tanks in Arizona.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027712300

Date last updated: 2/3/2015

Date last checked: 2/3/2015

Distance searched: 0.25 miles

Sites:

None Found

Vapor-Intrusions-US**Vapor Intrusion Database****Category:** ERS Supplemental Govt Sources**Description:** This database contains the vapor intrusion database as reported by the Environmental Protection Agency.**Agency:** Environmental Protection Agency**Phone Number:** 7033057411**Date last updated:** 10/3/2014**Date last checked:** 9/26/2014**Distance searched:** 0.5 miles**Sites:**

None Found

VCP-Closed-AZ**Voluntary Cleanup Program Sites, Closed Cases****Category:** State/Tribal Voluntary Cleanup Sites**Description:** This database contains a listing of Voluntary Cleanup Program Sites where the contamination on the property has been cleaned up.**Agency:** Arizona Department of Environmental Quality**Phone Number:** 6027714153**Date last updated:** 8/19/2014**Date last checked:** 10/27/2014**Distance searched:** 0.5 miles**Sites:**

None Found

VCP-Open-AZ**Voluntary Cleanup Program Sites, Open Cases****Category:** State/Tribal Voluntary Cleanup Sites**Description:** This database contains a listing of Voluntary Cleanup Program Sites where the contamination on the property has been cleaned up.**Agency:** Arizona Department of Environmental Quality**Phone Number:** 6027714153**Date last updated:** 8/19/2014**Date last checked:** 10/27/2014**Distance searched:** 0.5 miles**Sites:**

None Found

Waste-tire-AZ**Waste Tire Sites****Category:** ERS Supplemental Govt Sources**Description:** This database contains a listing of Waste Tire Sites registered through the Arizona Department of Environmental Quality.

Agency: Arizona Department of Environmental Quality

Phone Number: 602-771-41

Date last updated: 10/30/2014

Date last checked: 10/30/2014

Distance searched: 0.5 miles

Sites:

None Found

Wells-AZ

Arizona Wells

Category: ERS Supplemental Govt Sources

Description: This database contains a listing of Arizona wells.

Agency: Arizona Department of Water Resources

Phone Number: 6027718640

Date last updated: 10/30/2014

Date last checked: 10/30/2014

Distance searched: 0.25 miles

Sites:

None Found

WQARF-AZ

Water Quality Assurance Revolving Fund Sites

Category: State/Tribal NPL

Description: The program identifies sites that are most in need of cleanup and adds them to the WQARF Registry. Sites on the Registry receive first consideration for distribution of funds.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027714401

Date last updated: 2/4/2015

Date last checked: 2/4/2015

Distance searched: 1 mile

Sites:

None Found

UN-MAPPABLE OCCURRENCES

The following occurrences were not mapped primarily due to incomplete or inaccurate address information. All of the following occurrences were determined to share the same zip code as the area searched. General status information is given with each occurrence along with any address information entered by the agency responsible for the list.

ID	Facility Name	Address	Database	Status
No "un-mapped" sites requested.				

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RecCheck

Area

Report Results

The Standard for ASTM/AAI Radius Searches

(One Mile Environmental Records Search, Exceeds ASTM 1527/1528 and EPA AII Appropriate Inquiry)

REPORT RESULTS



Site Location:

105-15-003 And 105-15-004

Pinal County, AZ 85173

(N 33-16-48, W 111-4-41) NAD83

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EXECUTIVE SUMMARY

INFORMATION ON THE REQUESTED LOCATION

Site Address:	105-15-003 And 105-15-004 Pinal County, AZ 85173
Client Project Name/Number:	21046519
Coordinates:	N 33-16-48, W 111-4-41 (NAD 83) 33.2800994516243, -111.078193228666
Date of Report	April 10, 2015
ERS Project Number:	21046519
Subject Site Listed on the following lists:	Not Listed
Subject Site Listed as Map ID#:	N/A
USGS 7.5 Minute Quad Map:	Superior
Township, Section and Range:	Township: 02S Range: 12E Section: 001
Site Elevation: (feet above mean sea level)	Approximately 3906 ft near the center of the area.
Flood Zone: (FEMA Q3 Digital Data)	Panel: 04021C0290E, Effective Date: 12/4/2007 Zone X - Area of minimal flood hazard, usually depicted on FIRMs as above the 500-year flood level.
Fire Insurance Map Coverage:	No
Radon Information:	EPA Radon Zone: 2 (Predicted avg for county: 2 to 4 pCi/L)
Search Radius Expansion Size: (In Miles)	0
Soil Type: (USDA Soil Survey Geographic Database) (SSURGO)	Rock outcrop-Mabray-Pantak complex, 20 to 70 percent slopes Map Unit Type: Complex Hydric: No Drainage Class: Well drained General Information: Loamy-skeletal, mixed, superactive, thermic Lithic Ustic Haplargids
Zip Codes Searched for "Un-Mappable" Sites:	Not Researched
Occurrence Count:	0

SUMMARY OF OCCURRENCES

MAP ID	ID/SITE NAME	ADDRESS	DATABASE	STATUS	DISTANCE (MILES)	ELEV DIFF (FEET)
N/A						

DATABASE OCCURRENCE SUMMARY

HIGH RISK* OCCURRENCES IDENTIFIED IN REQUESTED SEARCH RADIUS		
DATABASE SEARCHED	DISTANCE SEARCHED (MILES)	HIGH RISK OCCURRENCES FOUND
ASPL-AZ	0.5	0
BF-Open-AZ	0.5	0
CERCLIS-US	0.5	0
LUST-Open-AZ	0.5	0
NPL-US	1	0
SAA-Agreements-US	1	0
Tribal-LUST-Open-Reg9	0.5	0
VCP-Open-AZ	0.5	0
WQARF-AZ	1	0

* For the purposes of this report, "high risk" occurrences are those that have known contamination and have not received a "case closed" or "no further action" status from the agency that maintains the records.

FEDERAL ASTM/AAI DATABASES							
DATABASE SEARCHED	DISTANCE SEARCHED	SUBJECT SITE	0.125 MILES	0.25 MILES	0.5 MILES	1.0 MILES	TOTAL
BF-US	0.5	0	0	0	0	-	0
CERCLIS-Archived-US	0.5	0	0	0	0	-	0
CERCLIS-US	0.5	0	0	0	0	-	0
Controls-RCRA-US	0.5	0	0	0	0	-	0
Controls-US	0.5	0	0	0	0	-	0
Debris-US	0.5	0	0	0	0	-	0
Delisted-NPL-US	0.5	0	0	0	0	-	0
ERNS-US	0.25	0	0	0	-	-	0
FTTS-ENF-US	1	0	0	0	0	0	0
Hist-AFS2-US	0.5	0	0	0	0	-	0
Hist-AFS-US	0.5	0	0	0	0	-	0
Hist-Dumps-US	0.5	0	0	0	0	-	0
Hist-US-EC	0.5	0	0	0	0	-	0
Hist-US-IC	0.5	0	0	0	0	-	0
HMIS-US	0.25	0	0	0	-	-	0
LIENS-US	0.5	0	0	0	0	-	0
NPL-US	1	0	0	0	0	0	0
PADS-US	0.5	0	0	0	0	-	0
PCB-US	0.25	0	0	0	-	-	0
RCRA-CESQG-US	0.25	0	0	0	-	-	0
RCRA-COR-US	1	0	0	0	0	0	0
RCRA-LQG-US	0.25	0	0	0	-	-	0
RCRA-NON-US	0.25	0	0	0	-	-	0
RCRA-SQG-US	0.25	0	0	0	-	-	0
RCRA-TSD-US	0.5	0	0	0	0	-	0
SAA-Agreements-US	1	0	0	0	0	0	0
Tribal-Air-US	0.5	0	0	0	0	-	0
Tribal-BF-US	0.5	0	0	0	0	-	0
Tribal-LUST-Closed-Reg9	0.5	0	0	0	0	-	0
Tribal-LUST-Open-Reg9	0.5	0	0	0	0	-	0
Tribal-ODI-US	0.5	0	0	0	0	-	0
Tribal-UST-Reg9	0.25	0	0	0	-	-	0
Tribal-VCP-US	0.5	0	0	0	0	-	0

STATE ASTM/AAI DATABASES

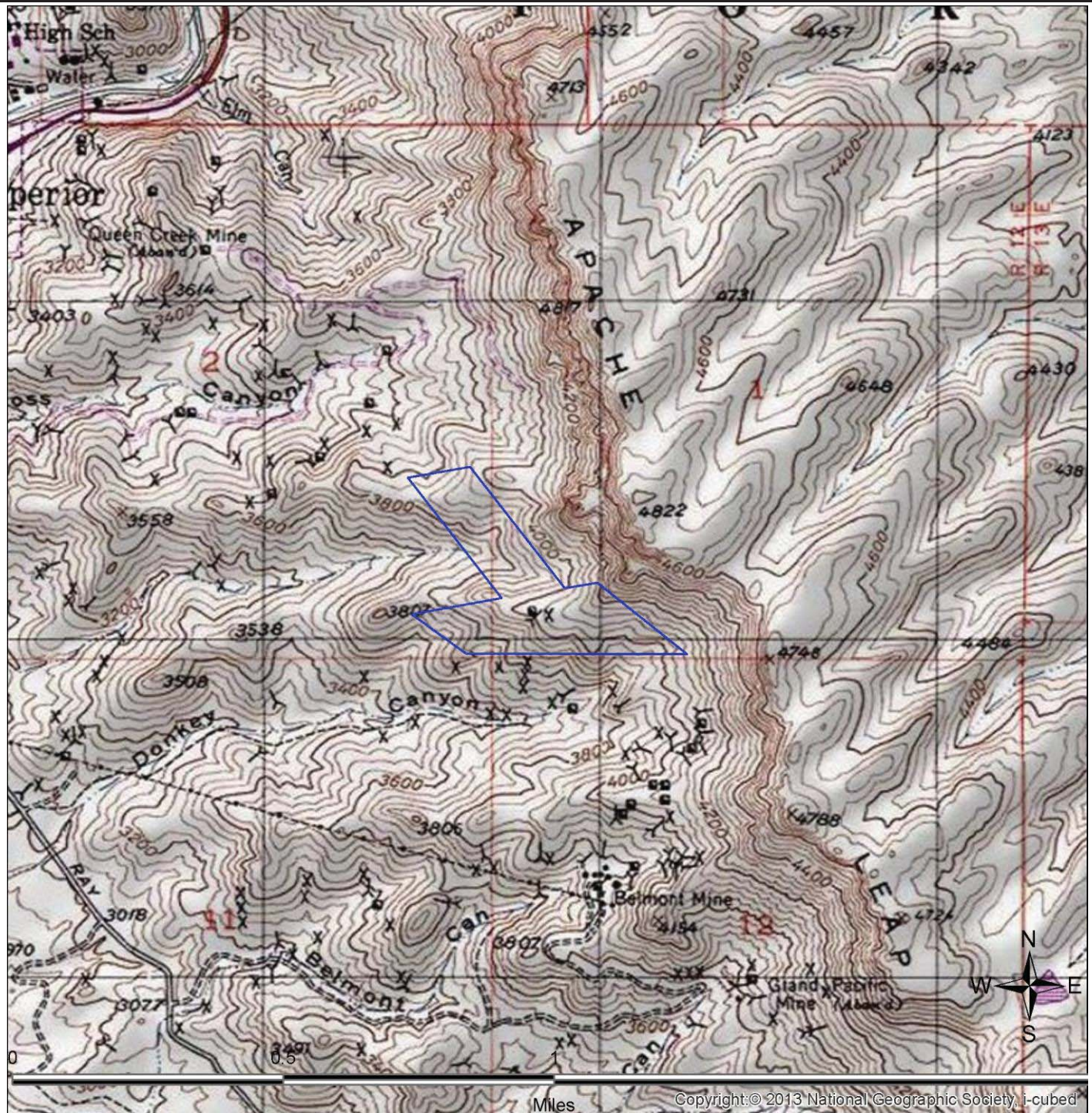
DATABASE SEARCHED	DISTANCE SEARCHED	SUBJECT SITE	0.125 MILES	0.25 MILES	0.5 MILES	1.0 MILES	TOTAL
Air-AZ	0.5	0	0	0	0	-	0
ALF-AZ	0.5	0	0	0	0	-	0
ASPL-AZ	0.5	0	0	0	0	-	0
AST2-AZ	0.25	0	0	0	-	-	0
AST-AZ	0.25	0	0	0	-	-	0
BF-Closed-AZ	0.5	0	0	0	0	-	0
BF-Open-AZ	0.5	0	0	0	0	-	0
CLF-AZ	0.5	0	0	0	0	-	0
Controls-AZ	0.5	0	0	0	0	-	0
Hist-SPILLS-AZ	0.25	0	0	0	-	-	0
LUST-Closed-AZ	0.5	0	0	0	0	-	0
LUST-Open-AZ	0.5	0	0	0	0	-	0
Manifest2-NY	0.25	0	0	0	-	-	0
Manifest2-RI	0.25	0	0	0	-	-	0
Oil-Centers-AZ	0.5	0	0	0	0	-	0
RemOther-Closed-AZ	0.5	0	0	0	0	-	0
RemOther-Open-AZ	0.5	0	0	0	0	-	0
SS-AZ	0.5	0	0	0	0	-	0
Transfer-AZ	0.5	0	0	0	0	-	0
UST-AZ	0.25	0	0	0	-	-	0
VCP-Closed-AZ	0.5	0	0	0	0	-	0
VCP-Open-AZ	0.5	0	0	0	0	-	0
WQARF-AZ	1	0	0	0	0	0	0

SUPPLEMENTAL DATABASES

DATABASE SEARCHED	DISTANCE SEARCHED	SUBJECT SITE	0.125 MILES	0.25 MILES	0.5 MILES	1.0 MILES	TOTAL
BioFuel-US	0.25	0	0	0	-	-	0
CDL-AZ	0.25	0	0	0	-	-	0
CDL-US	0.25	0	0	0	-	-	0
Dams-AZ	0.25	0	0	0	-	-	0
DryCleaners-AZ	0.25	0	0	0	-	-	0
DryWell-AZ	0.25	0	0	0	-	-	0
EGRID-US	0.5	0	0	0	0	-	0
FA-HW-US	0.25	0	0	0	-	-	0
FA-UST-AZ	0.25	0	0	0	-	-	0
FRS-US	0.25	0	0	0	-	-	0
FTTS-INSP-US	0.25	0	0	0	-	-	0
FUDS-US	1	0	0	0	0	0	0
Hist-AZ	0.25	0	0	0	-	-	0
Hist-FIFRA-US	0.25	0	0	0	-	-	0
HIST-MLTS-US	0.25	0	0	0	-	-	0
Hist-US	0.25	0	0	0	-	-	0
ICIS-FEC-US	0.5	0	0	0	0	-	0
ICIS-NPDES-US	0.25	0	0	0	-	-	0
Lead-US	0.25	0	0	0	-	-	0
Mines-AZ	0.25	0	0	0	-	-	0
MINES-US	0.25	0	0	0	-	-	0
MLTS-US	0.25	0	0	0	-	-	0
MRDS-US	0.25	0	0	0	-	-	0
NPDES-AZ	0.25	0	0	0	-	-	0
OGW-AZ	0.25	0	0	0	-	-	0
PCS-US	0.25	0	0	0	-	-	0

SUPPLEMENTAL DATABASES							
DATABASE SEARCHED	DISTANCE SEARCHED	SUBJECT SITE	0.125 MILES	0.25 MILES	0.5 MILES	1.0 MILES	TOTAL
RADINFO-US	0.5	0	0	0	0	-	0
RFG-Lab-US	0.25	0	0	0	-	-	0
RMP-US	0.25	0	0	0	-	-	0
ROD-US	0.5	0	0	0	0	-	0
SDWIS-US	0.25	0	0	0	-	-	0
SSTS-US	0.25	0	0	0	-	-	0
SWT-AZ	0.25	0	0	0	-	-	0
TRIS2000-US	0.25	0	0	0	-	-	0
TRIS2010-US	0.25	0	0	0	-	-	0
TRIS80-US	0.25	0	0	0	-	-	0
TRIS90-US	0.25	0	0	0	-	-	0
TSCA-US	0.25	0	0	0	-	-	0
UIC-AZ	0.25	0	0	0	-	-	0
USGS-Waterwells-US	0.25	0	0	0	-	-	0
Vapor-Intrusions-US	0.5	0	0	0	0	-	0
Waste-tire-AZ	0.5	0	0	0	0	-	0
Wells-AZ	0.25	0	0	0	-	-	0

PROPRIETARY HISTORIC DATABASES							
DATABASE SEARCHED	DISTANCE SEARCHED	SUBJECT SITE	0.125 MILES	0.25 MILES	0.5 MILES	1.0 MILES	TOTAL
Hist-Agriculture	0.25	0	0	0	-	-	0
Hist-Auto Dealers	0.25	0	0	0	-	-	0
Hist-Auto Repair	0.25	0	0	0	-	-	0
Hist-Chemical Manufacturing	0.25	0	0	0	-	-	0
Hist-Cleaners	0.25	0	0	0	-	-	0
Hist-Machine Shop	0.25	0	0	0	-	-	0
Hist-Manufacturing	0.25	0	0	0	-	-	0
Hist-Metal Plating	0.25	0	0	0	-	-	0
Hist-Mortuaries	0.25	0	0	0	-	-	0
Hist-Paint-Stores	0.25	0	0	0	-	-	0
Hist-Petroleum	0.25	0	0	0	-	-	0
Hist-Printers	0.25	0	0	0	-	-	0
Hist-RV-Dealers	0.25	0	0	0	-	-	0
Hist-Salvage	0.25	0	0	0	-	-	0
Hist-Service Stations	0.25	0	0	0	-	-	0
Hist-Transportation	0.25	0	0	0	-	-	0
Hist-Trucking	0.25	0	0	0	-	-	0
Hist-Vehicle-Parts	0.25	0	0	0	-	-	0



SITE LOCATION TOPOGRAPHIC MAP

U.S. Geological Survey. Superior Quadrangle, 7.5 Minute Series

Westland Resources

105-15-003 And 105-15-004
Pinal County, AZ 85173

FIGURE: 1
JOB: 21046519
DATE: 4/10/2015



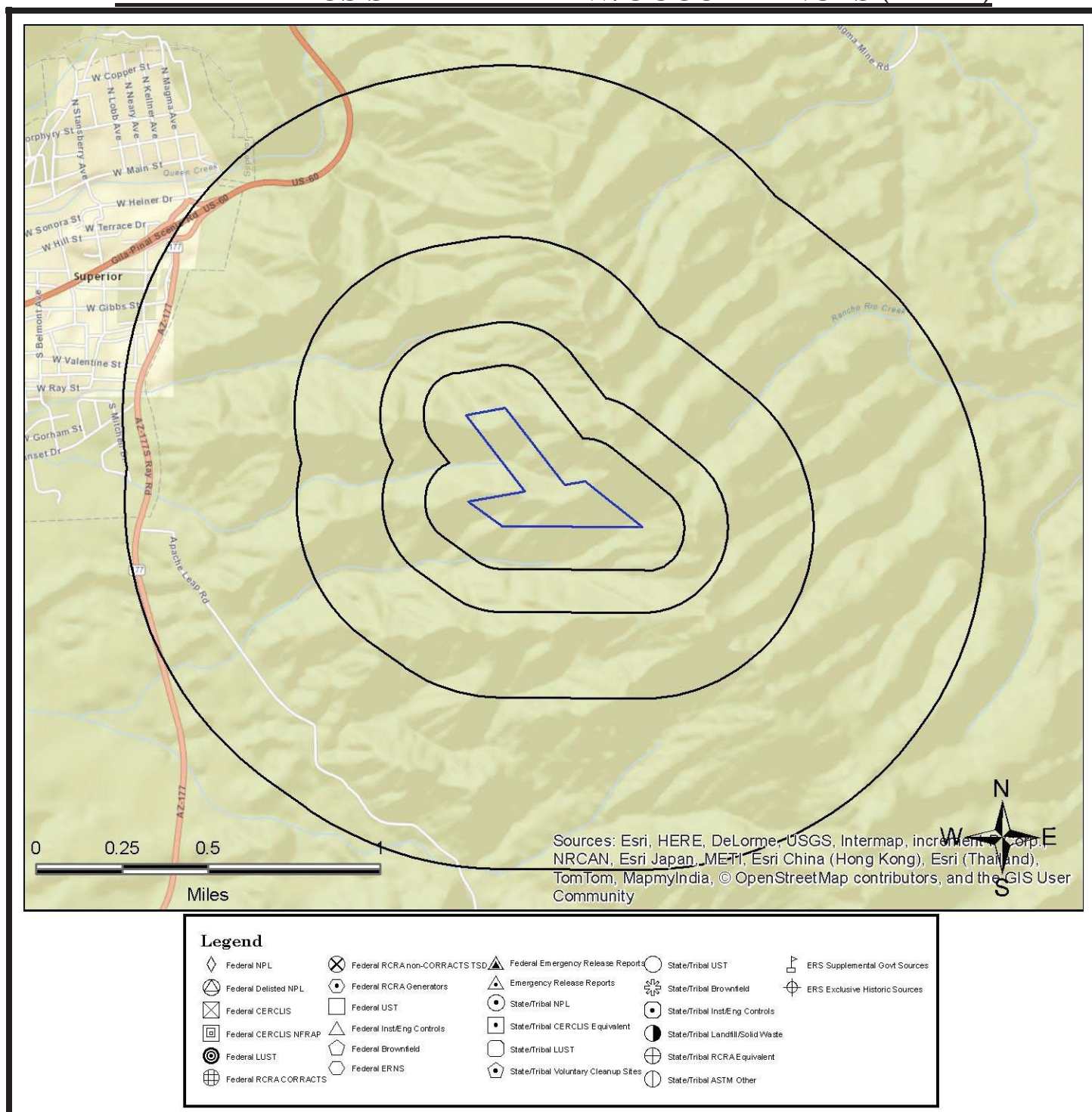
SITE LOCATION MAP

Westland Resources

105-15-003 And 105-15-004
Pinal County, AZ 85173

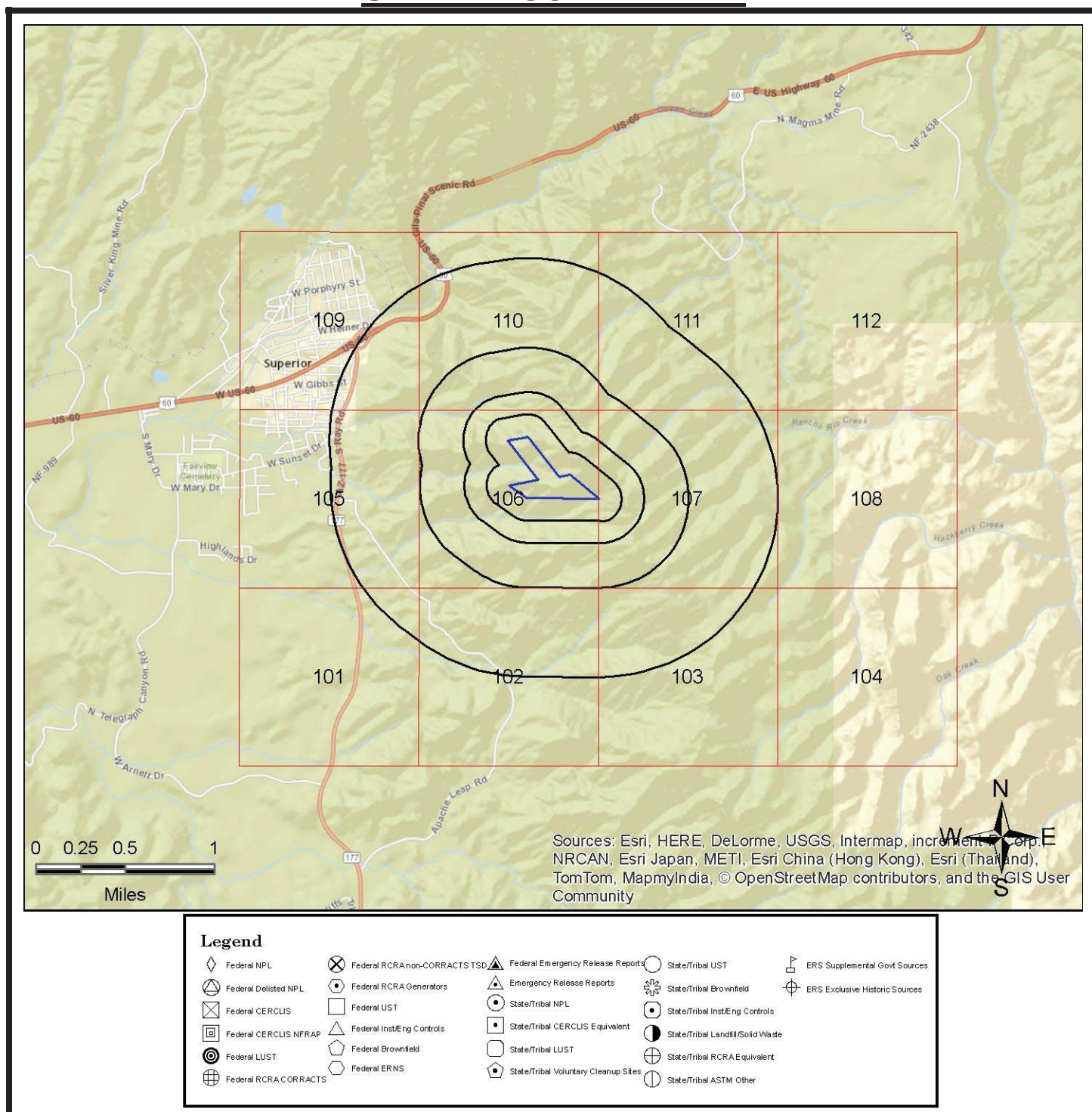
FIGURE: 2
JOB: 21046519
DATE: 4/10/2015

1-MILE RADIUS STREET MAP W/OCCURRENCES (MAP1)



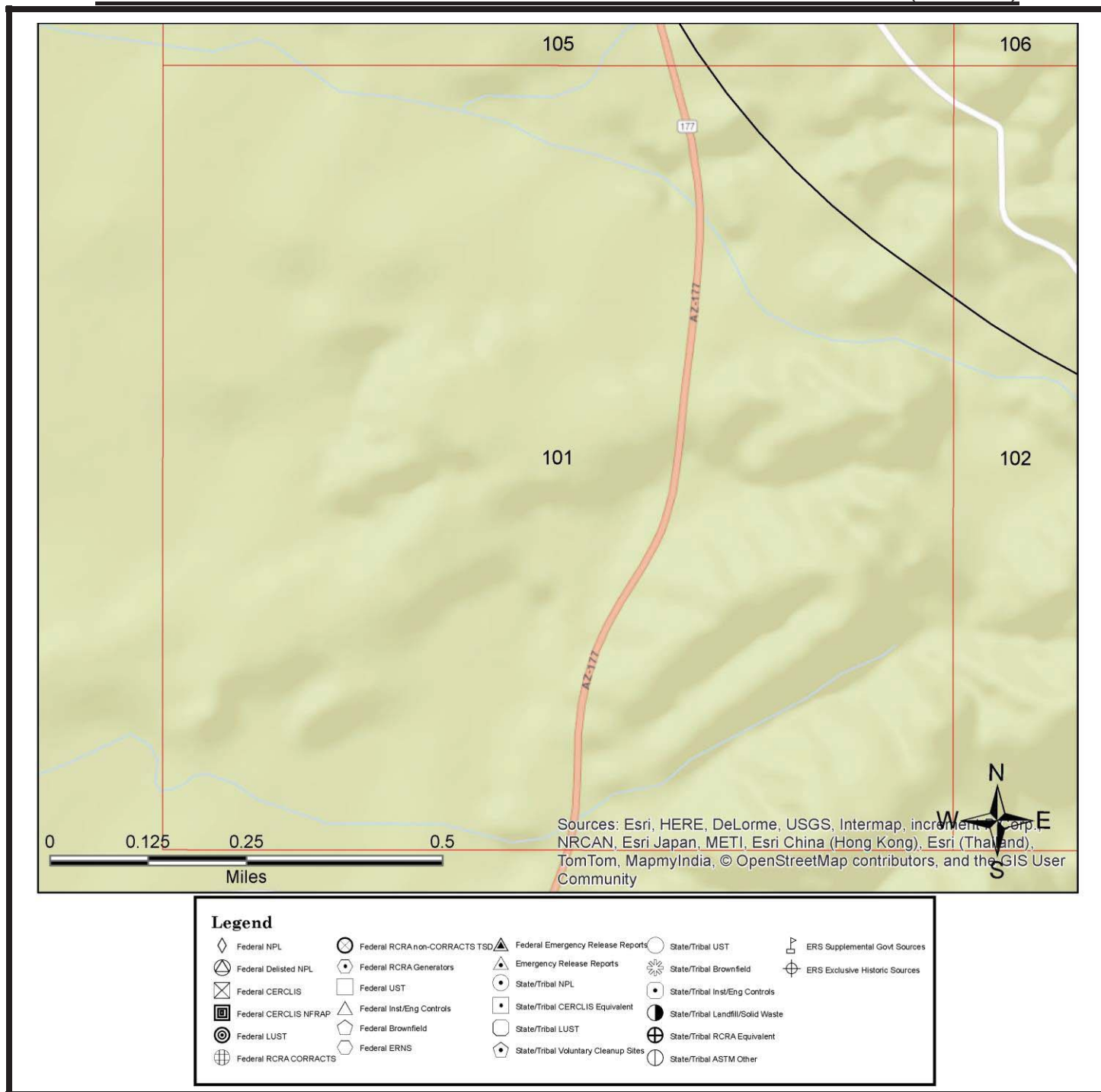
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GRID LAYOUT MAP KEY



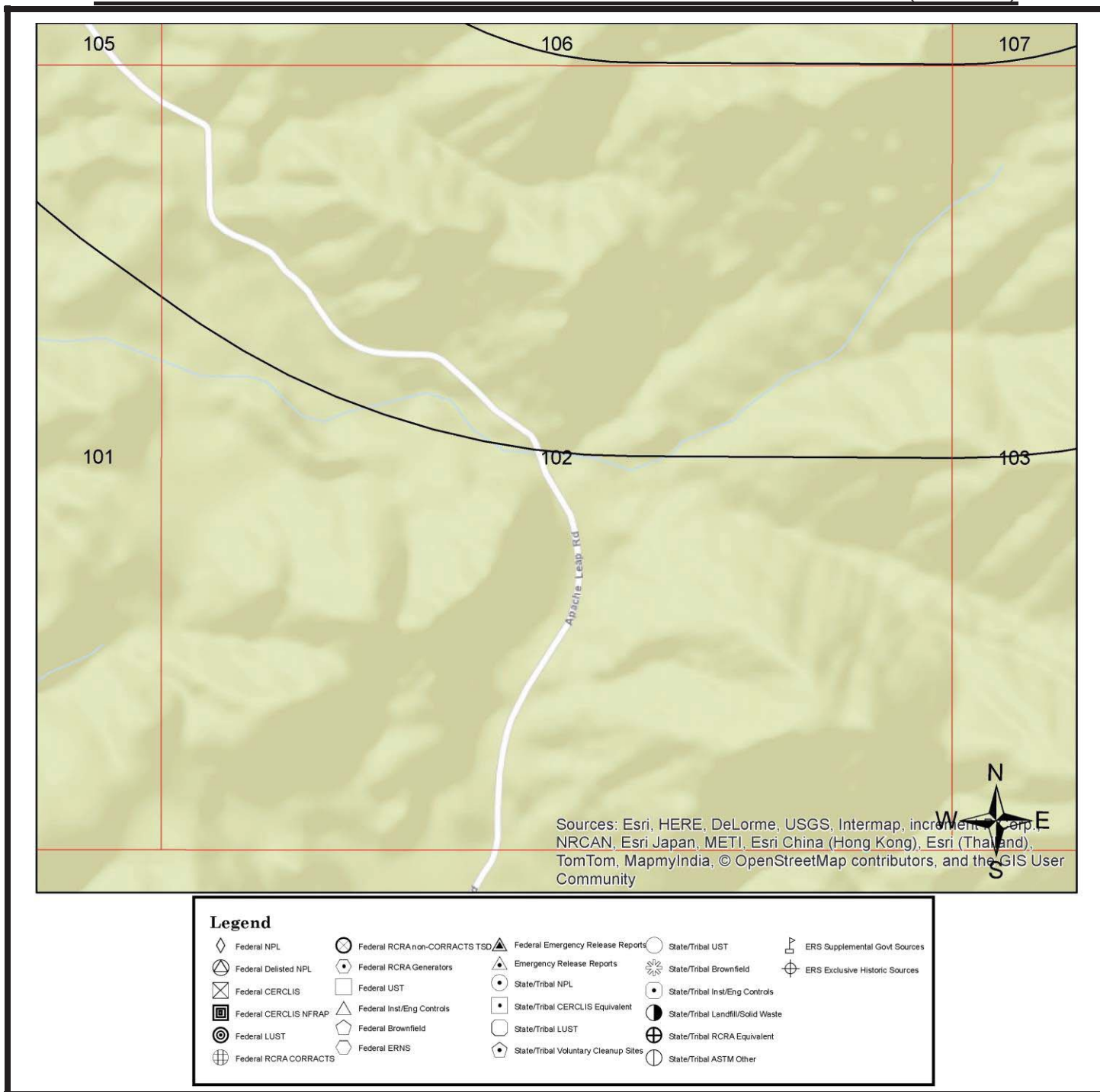
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0.25-MILE RADIUS STREET MAP W/OCCURRENCES (MAP2)



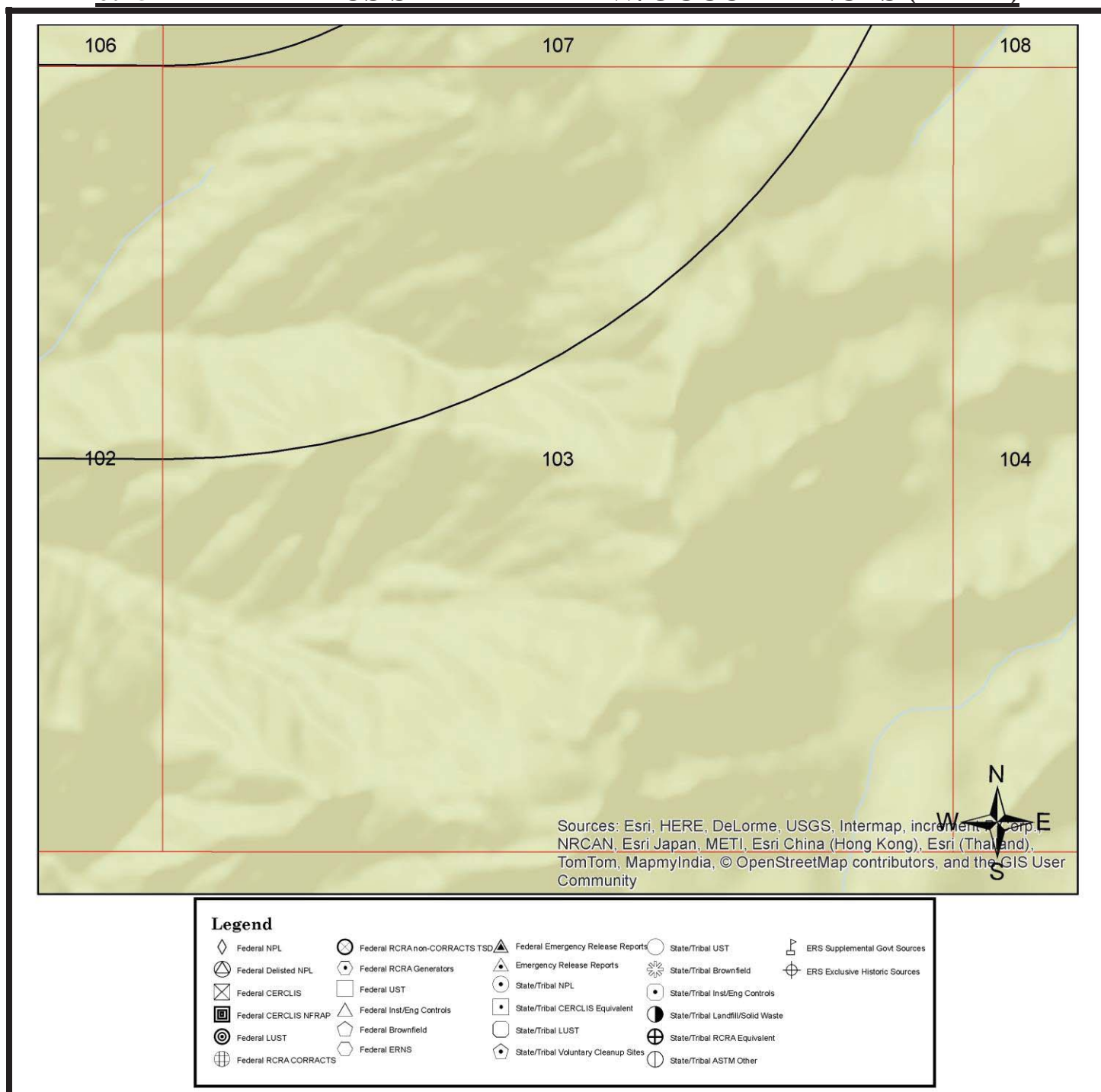
All plotted occurrences represent approximate locations based on geographic information provided by the respective agency. Actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. **Occurrences are shown in three colors** to give a visual indication of the potential risk of the listed occurrence based on the type of list and the current status of the occurrence. Occurrences shown in **RED** are locations with known contamination that have not received a "case closed" or "no further action" status. Occurrences shown in **YELLOW** have been listed by the respective agency, but do not always represent an environmental risk. The detailed status information and description of the listing should be reviewed for further information. Occurrences shown in **GREEN** are occurrences that have active permits or have had contamination in the past but have received a "case closed" or "no further action" status and therefore, do not likely present an environmental risk.

0.25-MILE RADIUS STREET MAP W/OCCURRENCES (MAP2)



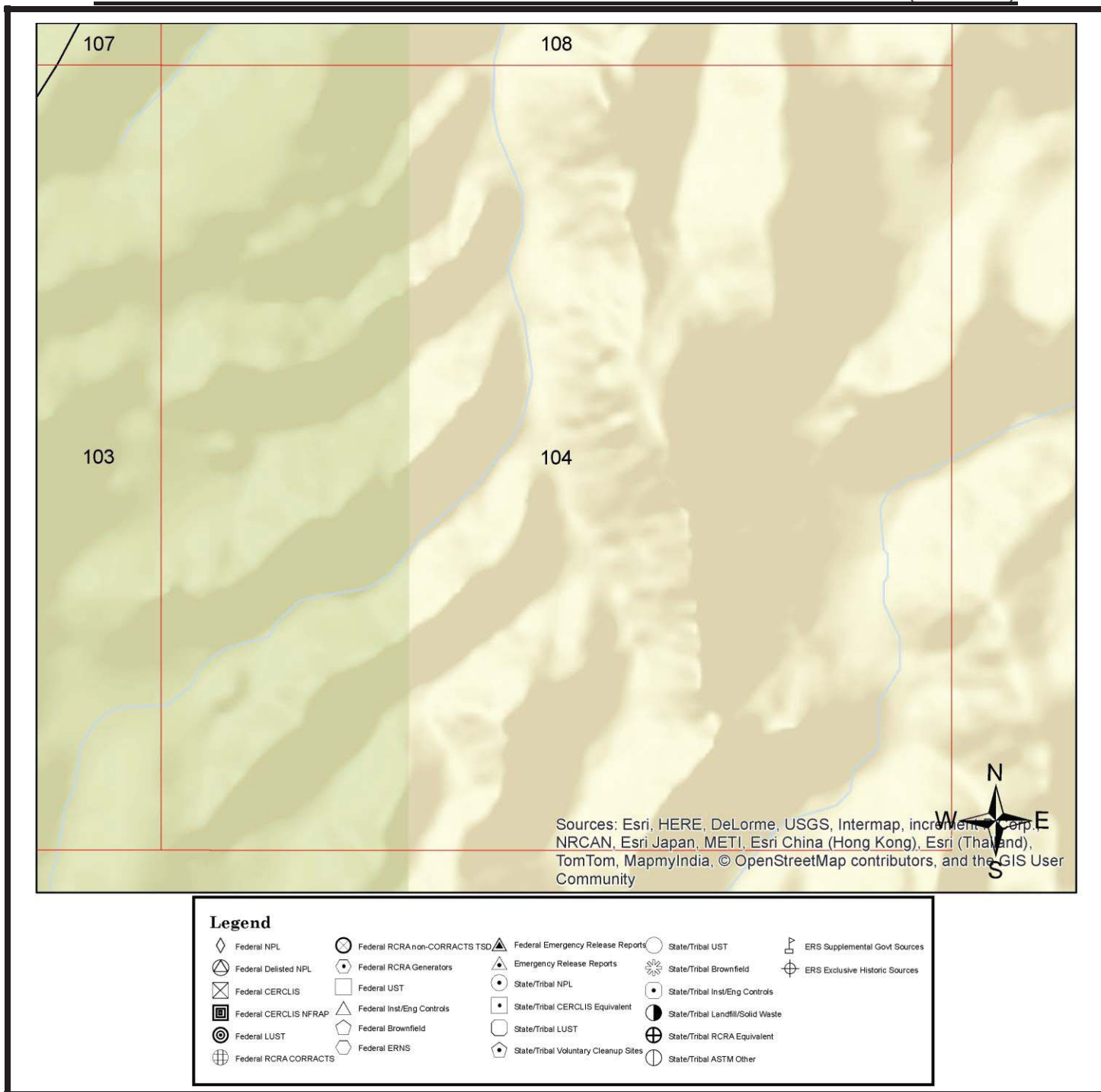
All plotted occurrences represent approximate locations based on geographic information provided by the respective agency. Actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. **Occurrences are shown in three colors** to give a visual indication of the potential risk of the listed occurrence based on the type of list and the current status of the occurrence. Occurrences shown in **RED** are locations with known contamination that have not received a "case closed" or "no further action" status. Occurrences shown in **YELLOW** have been listed by the respective agency, but do not always represent an environmental risk. The detailed status information and description of the listing should be reviewed for further information. Occurrences shown in **GREEN** are occurrences that have active permits or have had contamination in the past but have received a "case closed" or "no further action" status and therefore, do not likely present an environmental risk.

0.25-MILE RADIUS STREET MAP W/OCCURRENCES (MAP2)



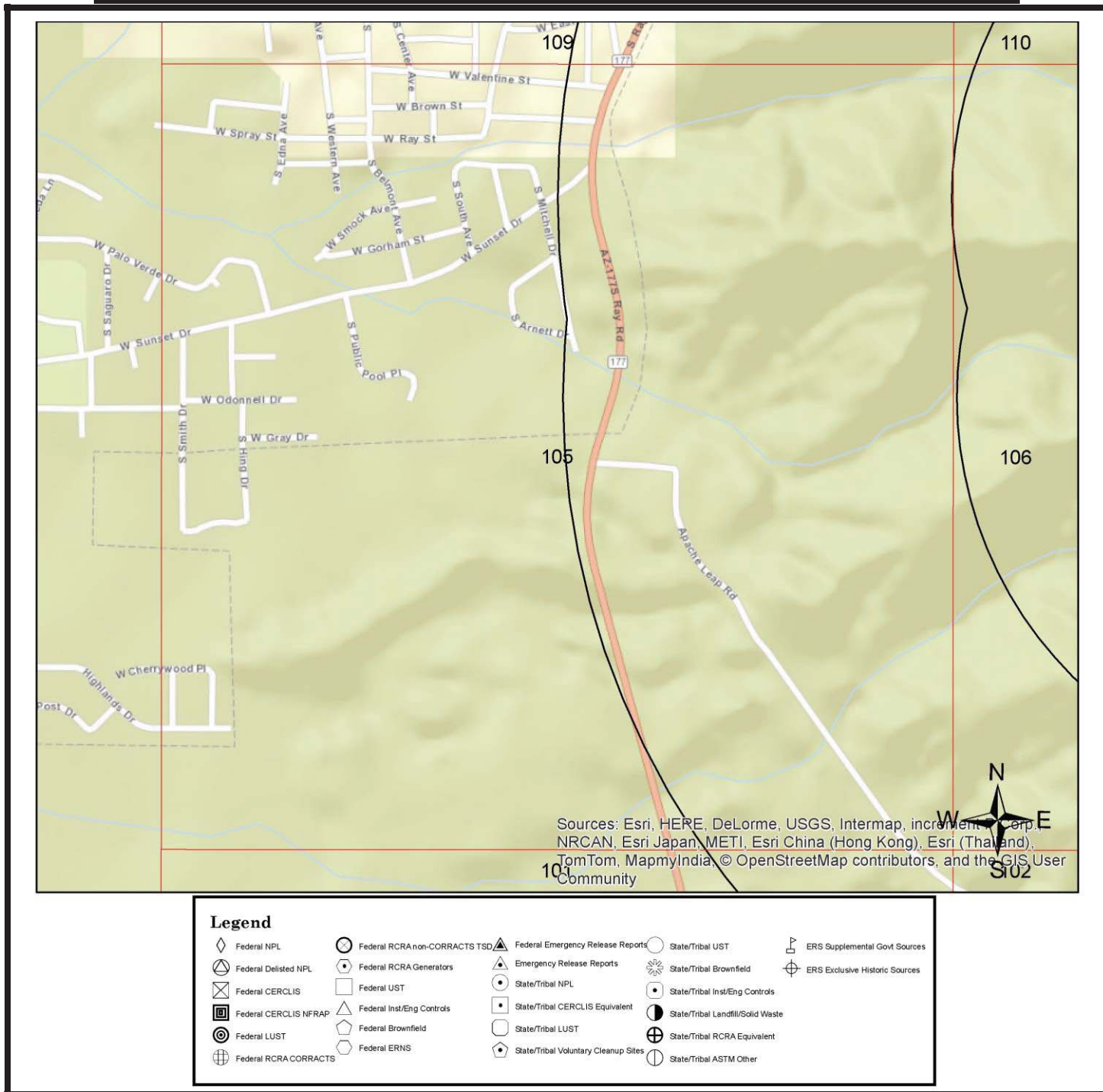
All plotted occurrences represent approximate locations based on geographic information provided by the respective agency. Actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. **Occurrences are shown in three colors** to give a visual indication of the potential risk of the listed occurrence based on the type of list and the current status of the occurrence. Occurrences shown in **RED** are locations with known contamination that have not received a "case closed" or "no further action" status. Occurrences shown in **YELLOW** have been listed by the respective agency, but do not always represent an environmental risk. The detailed status information and description of the listing should be reviewed for further information. Occurrences shown in **GREEN** are occurrences that have active permits or have had contamination in the past but have received a "case closed" or "no further action" status and therefore, do not likely present an environmental risk.

0.25-MILE RADIUS STREET MAP W/OCCURRENCES (MAP2)



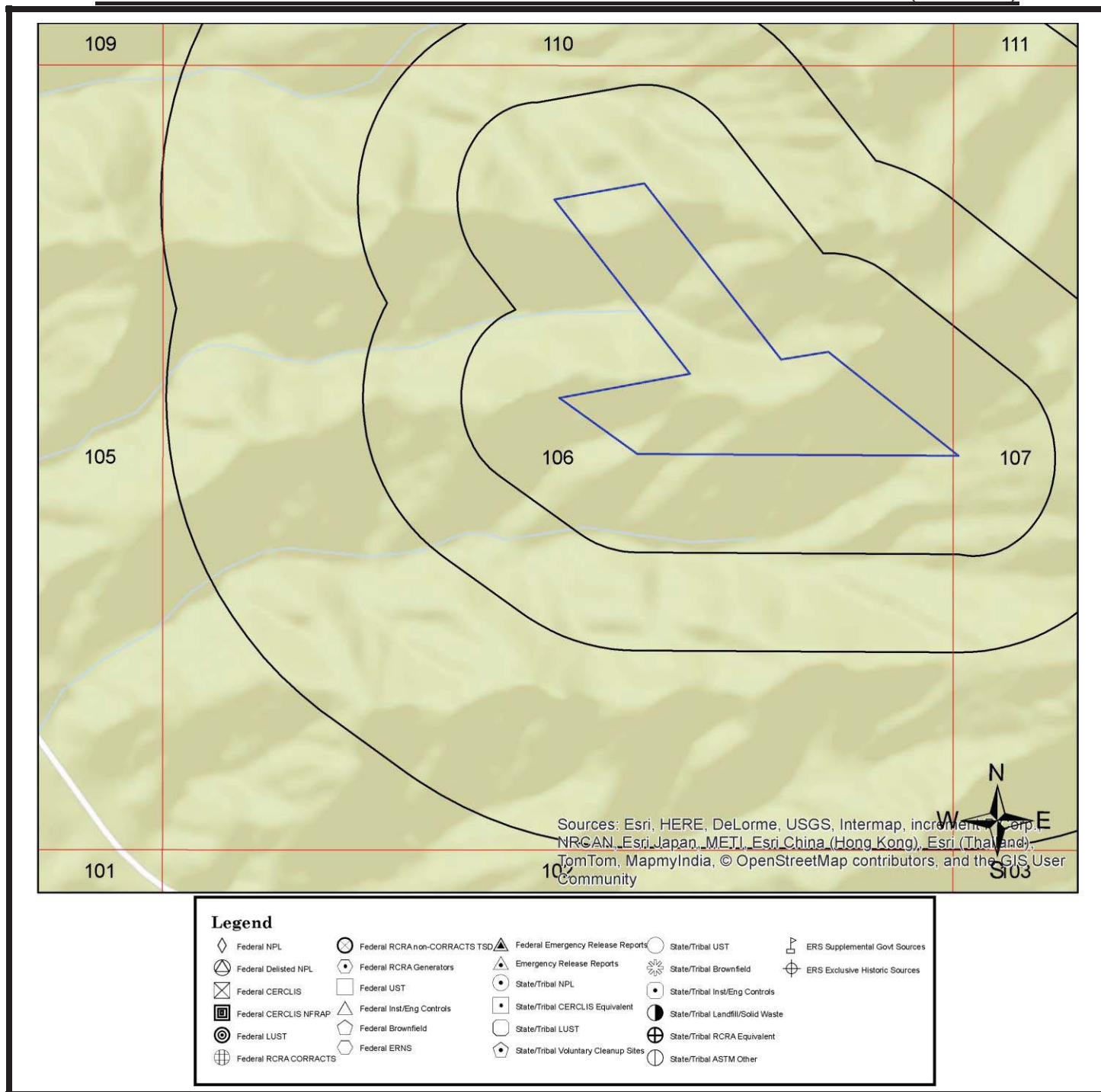
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0.25-MILE RADIUS STREET MAP W/OCCURRENCES (MAP2)



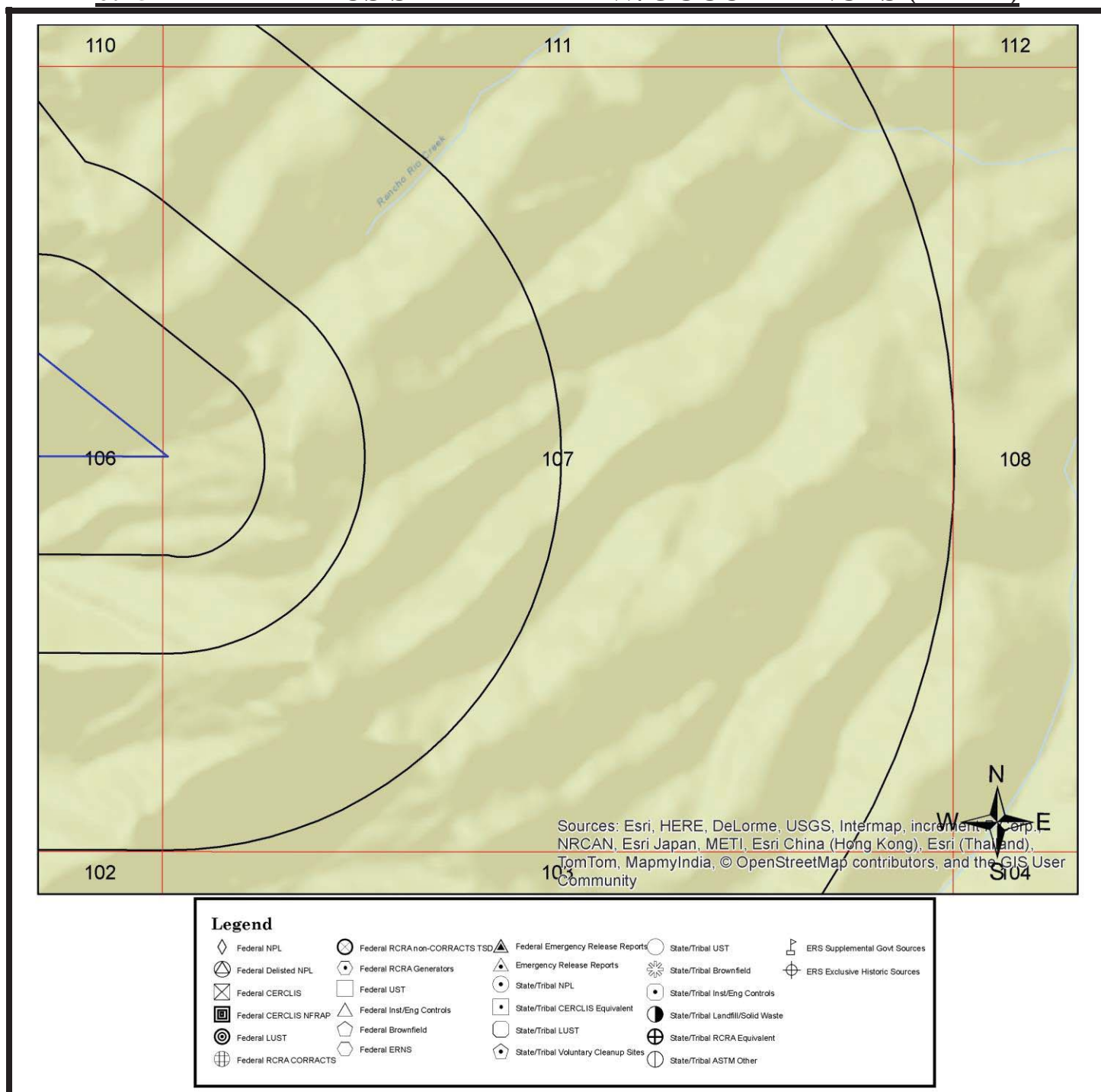
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0.25-MILE RADIUS STREET MAP W/OCCURRENCES (MAP2)



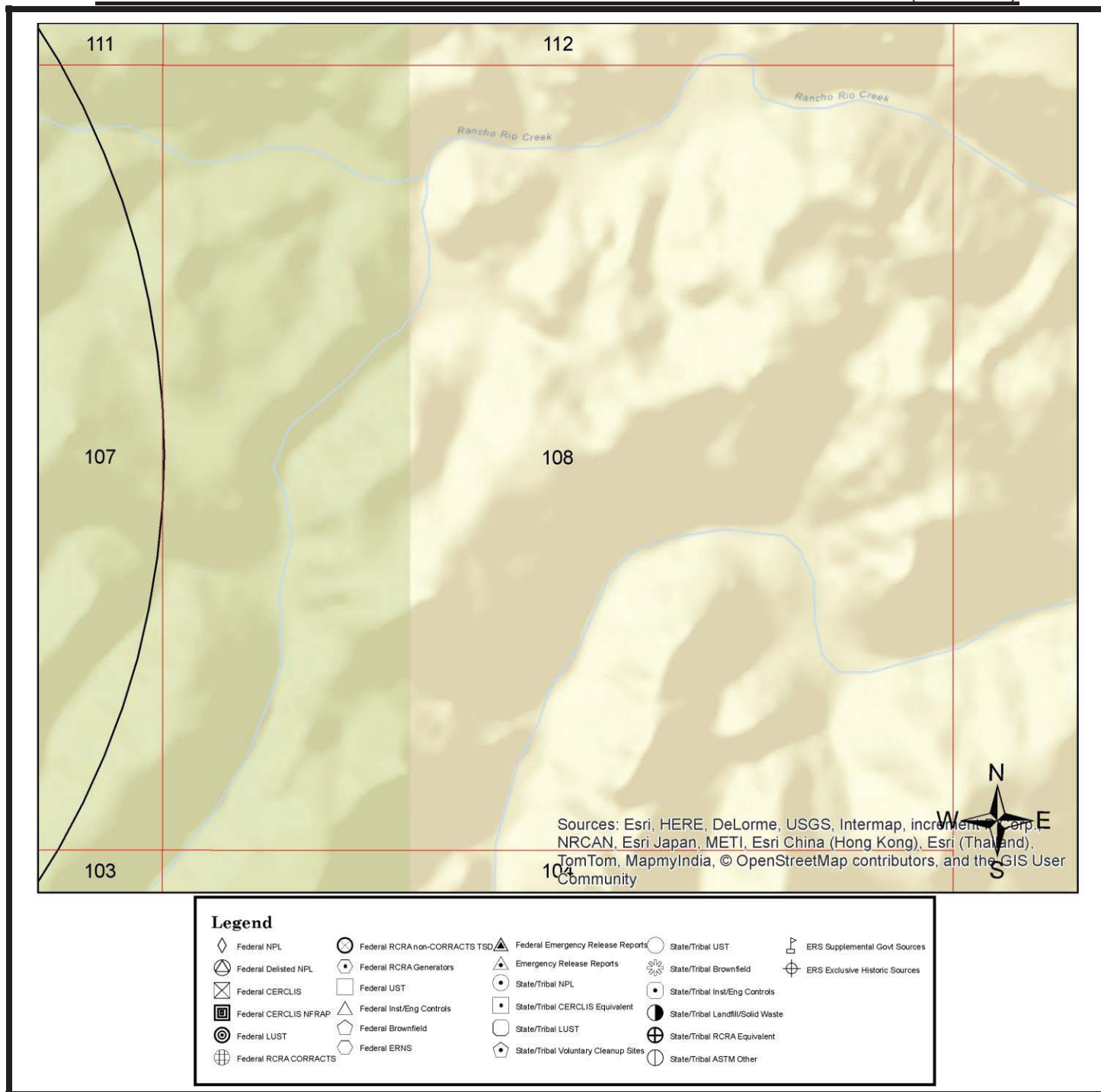
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0.25-MILE RADIUS STREET MAP W/OCCURRENCES (MAP2)



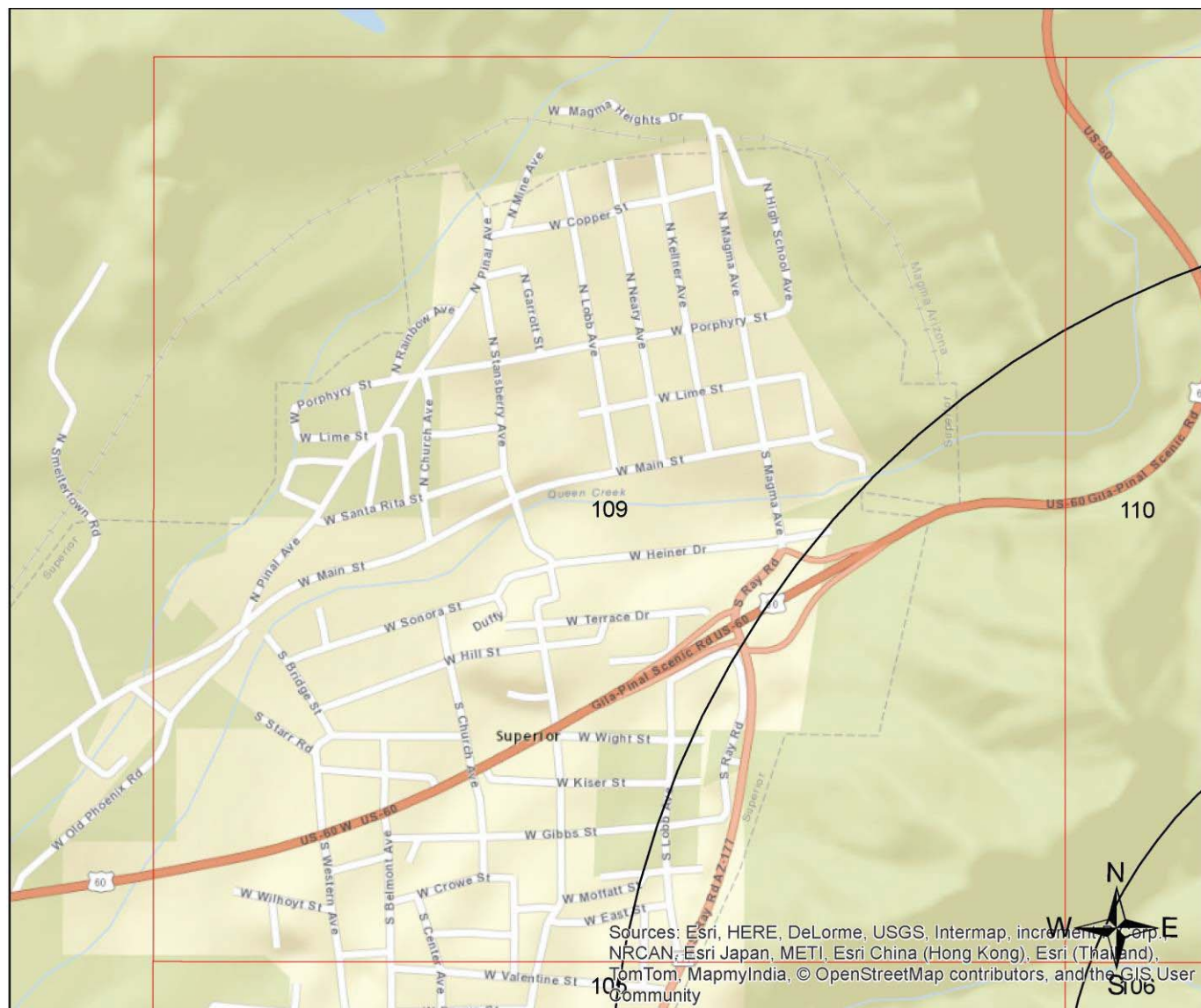
All plotted occurrences represent approximate locations based on geographic information provided by the respective agency. Actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. **Occurrences are shown in three colors** to give a visual indication of the potential risk of the listed occurrence based on the type of list and the current status of the occurrence. Occurrences shown in **RED** are locations with known contamination that have not received a "case closed" or "no further action" status. Occurrences shown in **YELLOW** have been listed by the respective agency, but do not always represent an environmental risk. The detailed status information and description of the listing should be reviewed for further information. Occurrences shown in **GREEN** are occurrences that have active permits or have had contamination in the past but have received a "case closed" or "no further action" status and therefore, do not likely present an environmental risk.

0.25-MILE RADIUS STREET MAP W/OCCURRENCES (MAP2)



All plotted occurrences represent approximate locations based on geographic information provided by the respective agency. Actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. **Occurrences are shown in three colors** to give a visual indication of the potential risk of the listed occurrence based on the type of list and the current status of the occurrence. Occurrences shown in **RED** are locations with known contamination that have not received a "case closed" or "no further action" status. Occurrences shown in **YELLOW** have been listed by the respective agency, but do not always represent an environmental risk. The detailed status information and description of the listing should be reviewed for further information. Occurrences shown in **GREEN** are occurrences that have active permits or have had contamination in the past but have received a "case closed" or "no further action" status and therefore, do not likely present an environmental risk.

0.25-MILE RADIUS STREET MAP W/OCCURRENCES (MAP2)



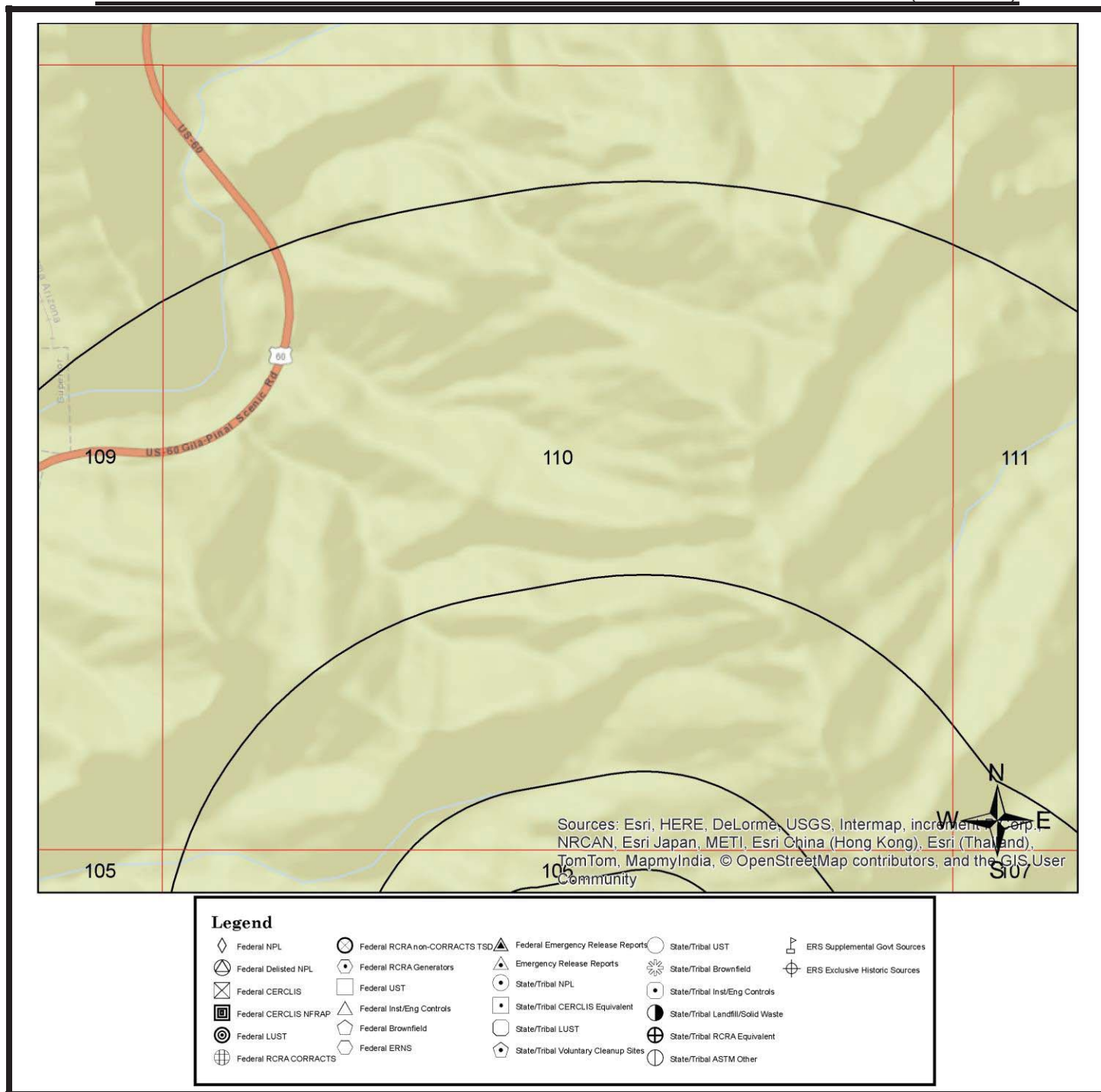
Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Legend

- | | | | | |
|-----------------------|-------------------------------|--------------------------------------|-----------------------------------|--------------------------------|
| Federal NPL | Federal RCRA non-CORRACTS TSD | Federal Emergency Release Reports | State/Tribal UST | ERS Supplemental Govt Sources |
| Federal Delisted NPL | Federal RCRA Generators | Emergency Release Reports | State/Tribal Brownfield | ERS Exclusive Historic Sources |
| Federal CERCLIS | Federal UST | State/Tribal NPL | State/Tribal Inst/Eng Controls | |
| Federal CERCLIS NFRAP | Federal Inst/Eng Controls | State/Tribal CERCLIS Equivalent | State/Tribal Landfill/Solid Waste | |
| Federal LUST | Federal Brownfield | State/Tribal LUST | State/Tribal RCRA Equivalent | |
| Federal RCRA CORRACTS | Federal ERNS | State/Tribal Voluntary Cleanup Sites | State/Tribal ASTM Other | |

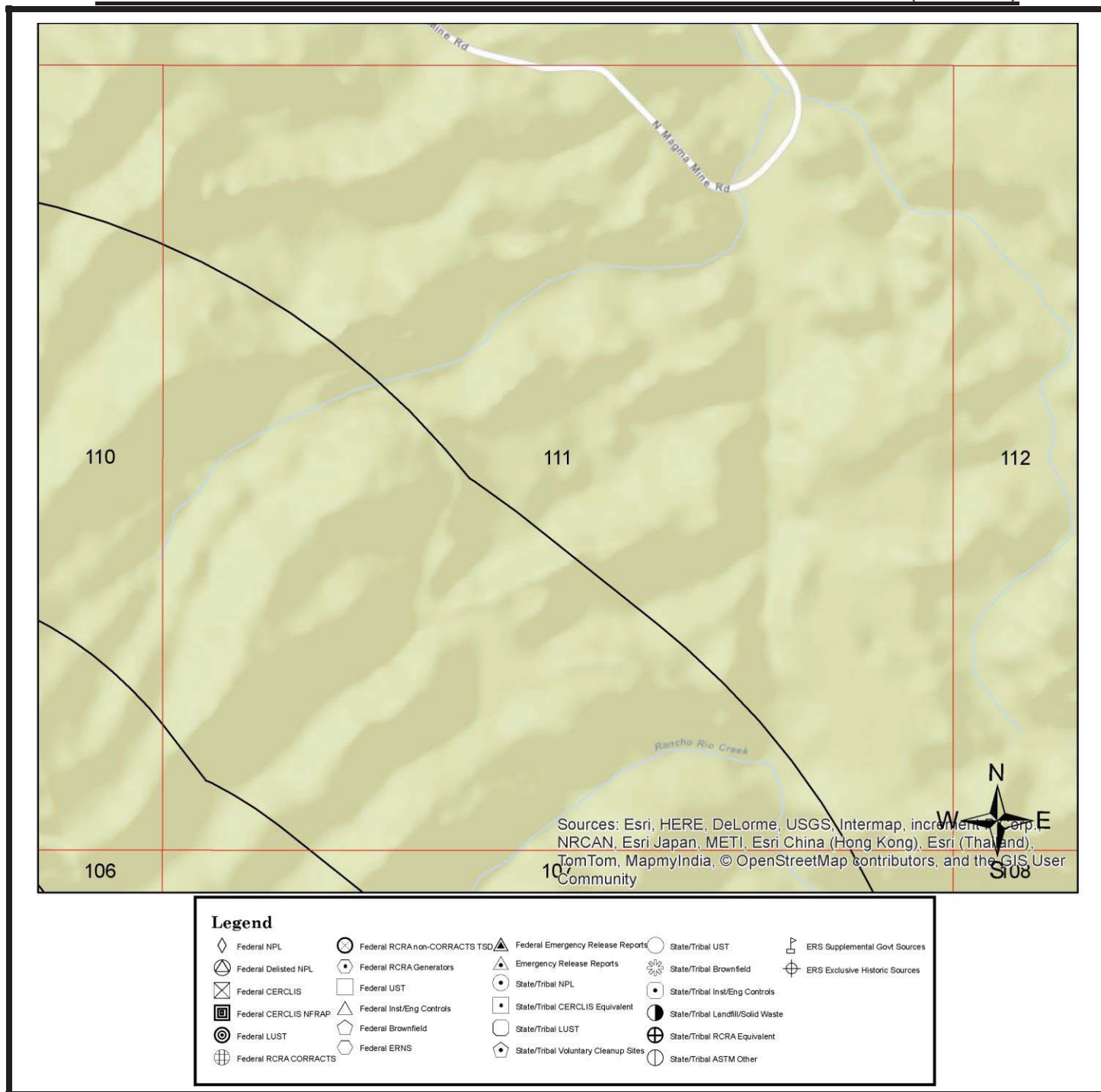
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0.25-MILE RADIUS STREET MAP W/OCCURRENCES (MAP2)



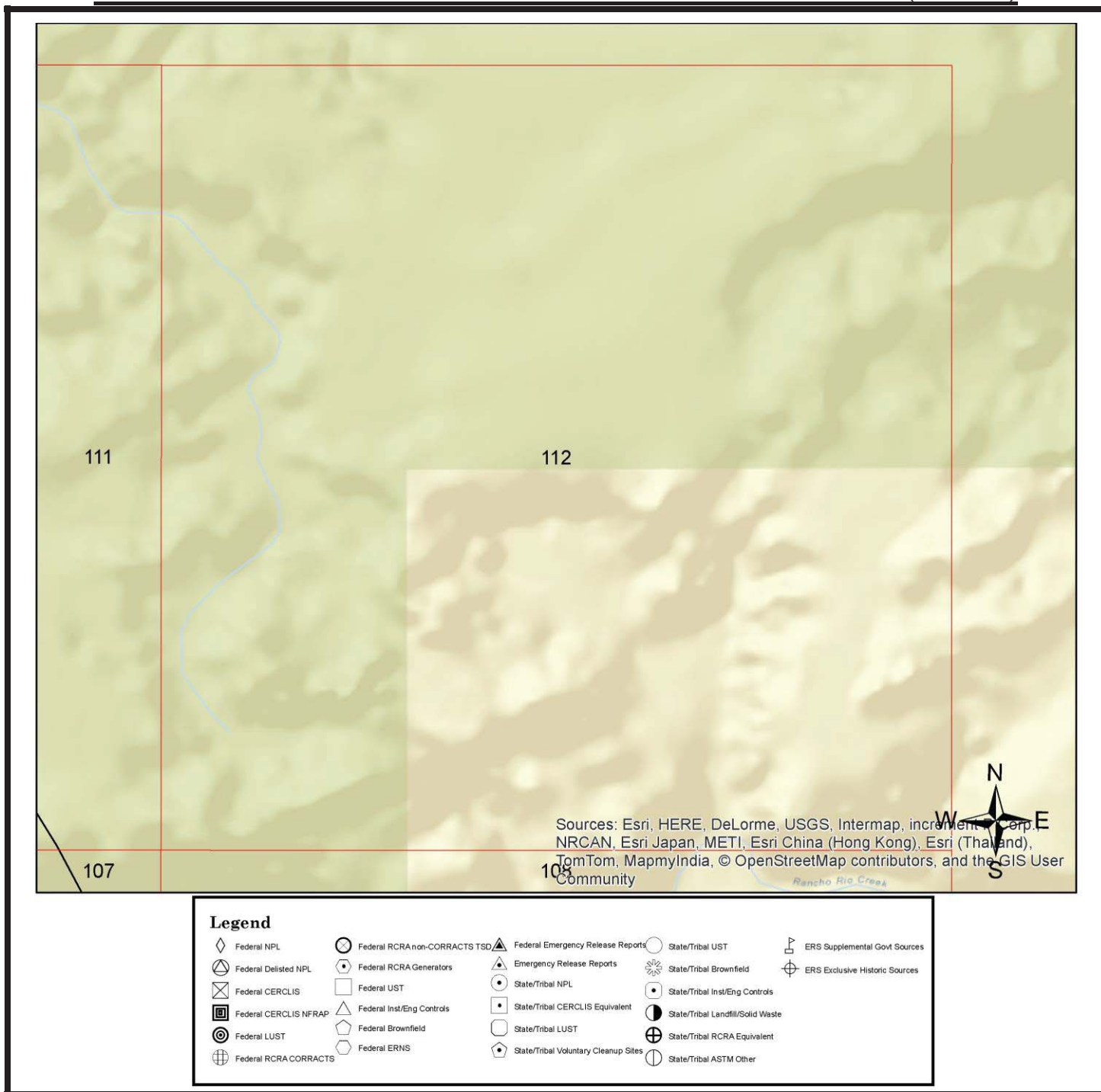
All plotted occurrences represent approximate locations based on geographic information provided by the respective agency. Actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. **Occurrences are shown in three colors** to give a visual indication of the potential risk of the listed occurrence based on the type of list and the current status of the occurrence. Occurrences shown in **RED** are locations with known contamination that have not received a "case closed" or "no further action" status. Occurrences shown in **YELLOW** have been listed by the respective agency, but do not always represent an environmental risk. The detailed status information and description of the listing should be reviewed for further information. Occurrences shown in **GREEN** are occurrences that have active permits or have had contamination in the past but have received a "case closed" or "no further action" status and therefore, do not likely present an environmental risk.

0.25-MILE RADIUS STREET MAP W/OCCURRENCES (MAP2)



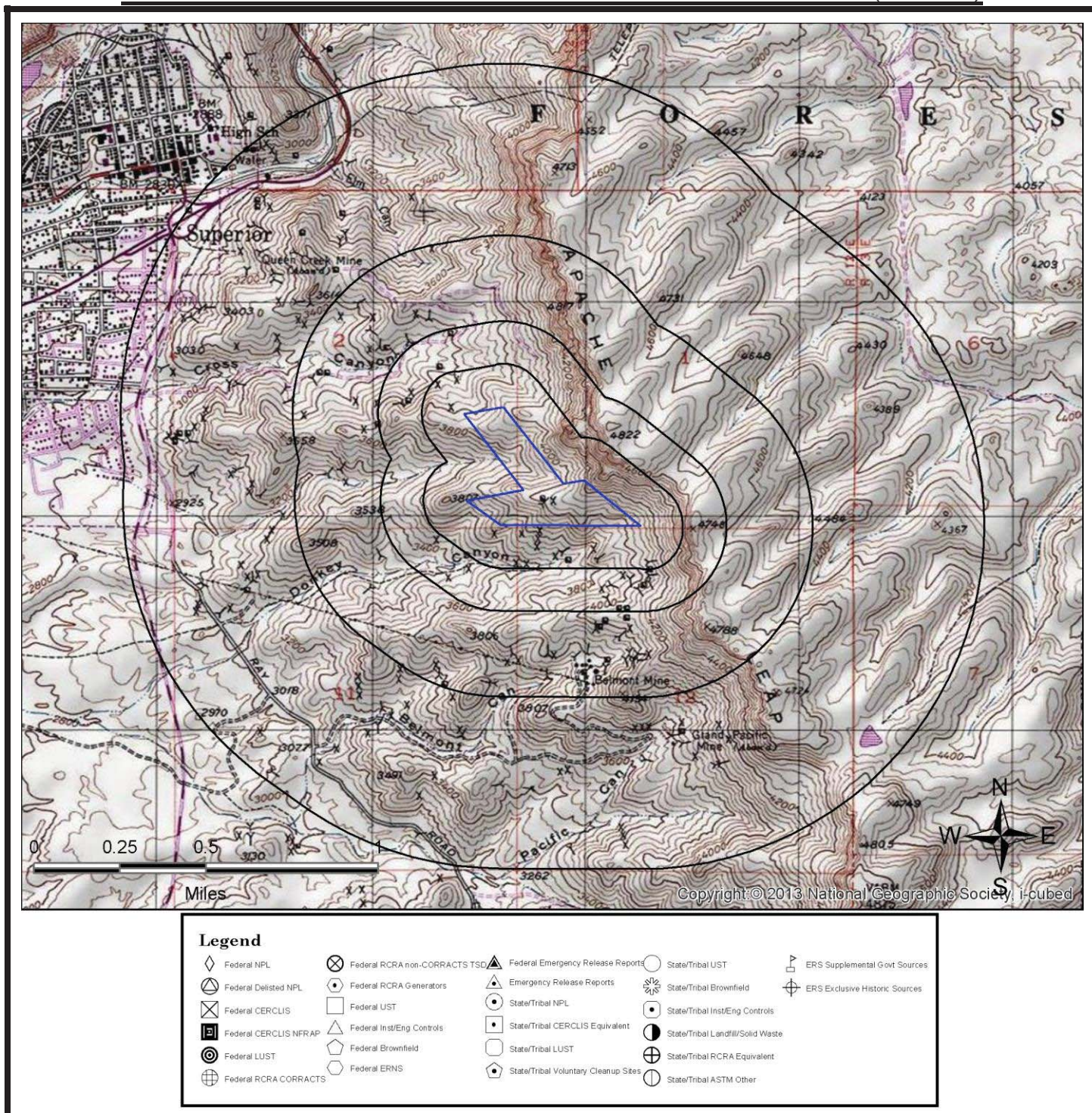
All plotted occurrences represent approximate locations based on geographic information provided by the respective agency. Actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. **Occurrences are shown in three colors** to give a visual indication of the potential risk of the listed occurrence based on the type of list and the current status of the occurrence. Occurrences shown in **RED** are locations with known contamination that have not received a "case closed" or "no further action" status. Occurrences shown in **YELLOW** have been listed by the respective agency, but do not always represent an environmental risk. The detailed status information and description of the listing should be reviewed for further information. Occurrences shown in **GREEN** are occurrences that have active permits or have had contamination in the past but have received a "case closed" or "no further action" status and therefore, do not likely present an environmental risk.

0.25-MILE RADIUS STREET MAP W/OCCURRENCES (MAP2)



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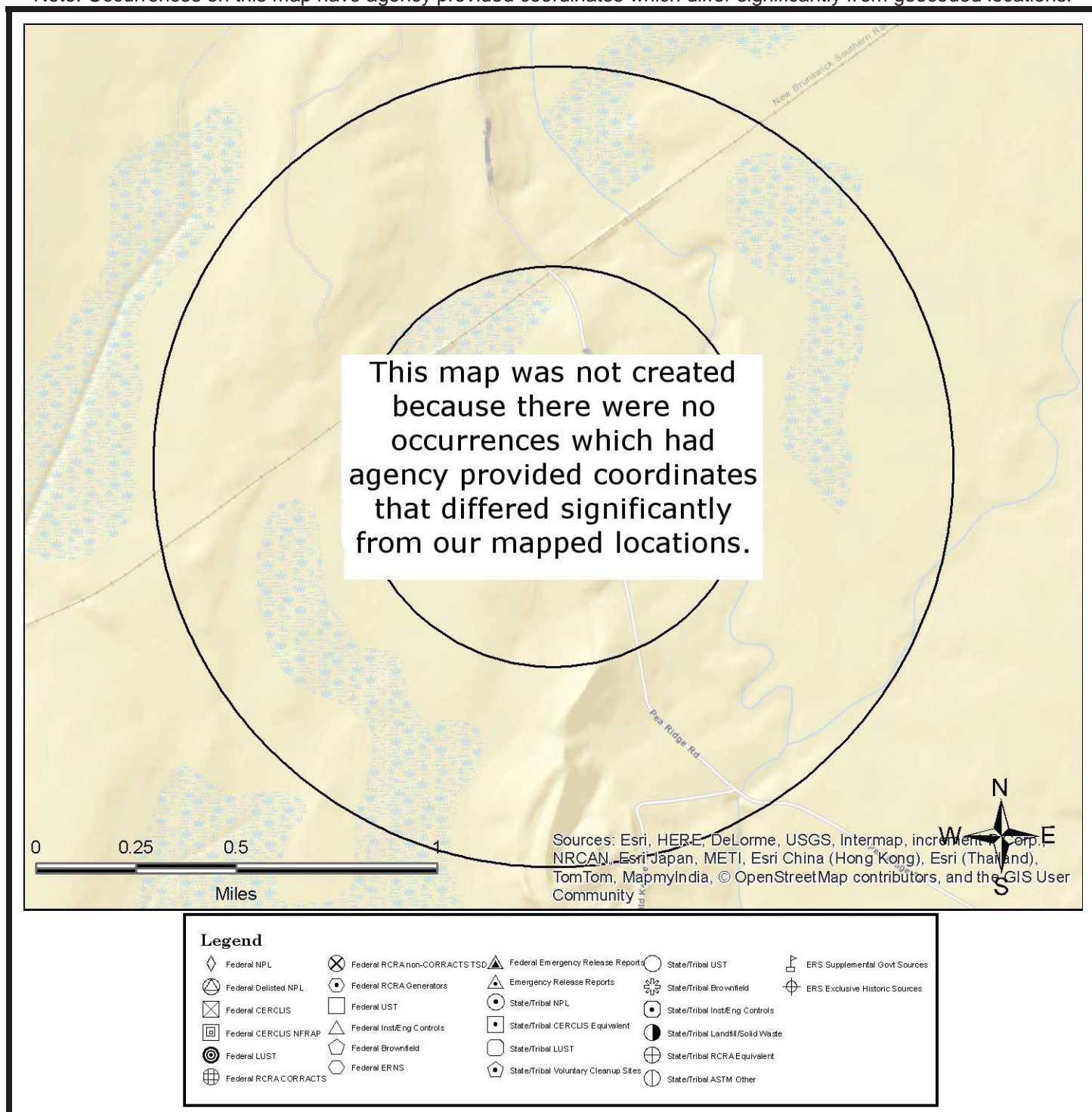
1-MILE TOPOGRAPHIC MAP W/OCCURRENCES (MAP3)



All plotted occurrences represent approximate locations based on geographic information provided by the respective agency. Actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. **Occurrences are shown in three colors** to give a visual indication of the potential risk of the listed occurrence based on the type of list and the current status of the occurrence. Occurrences shown in **RED** are locations with known contamination that have not received a "case closed" or "no further action" status. Occurrences shown in **YELLOW** have been listed by the respective agency, but do not always represent an environmental risk. The detailed status information and description of the listing should be reviewed for further information. Occurrences shown in **GREEN** are occurrences that have active permits or have had contamination in the past but have received a "case closed" or "no further action" status and therefore, do not likely present an environmental risk.

AGENCY DIFFERENCES IN MAPPED LOCATIONS (MAP4)

Note: Occurrences on this map have agency provided coordinates which differ significantly from geocoded locations.



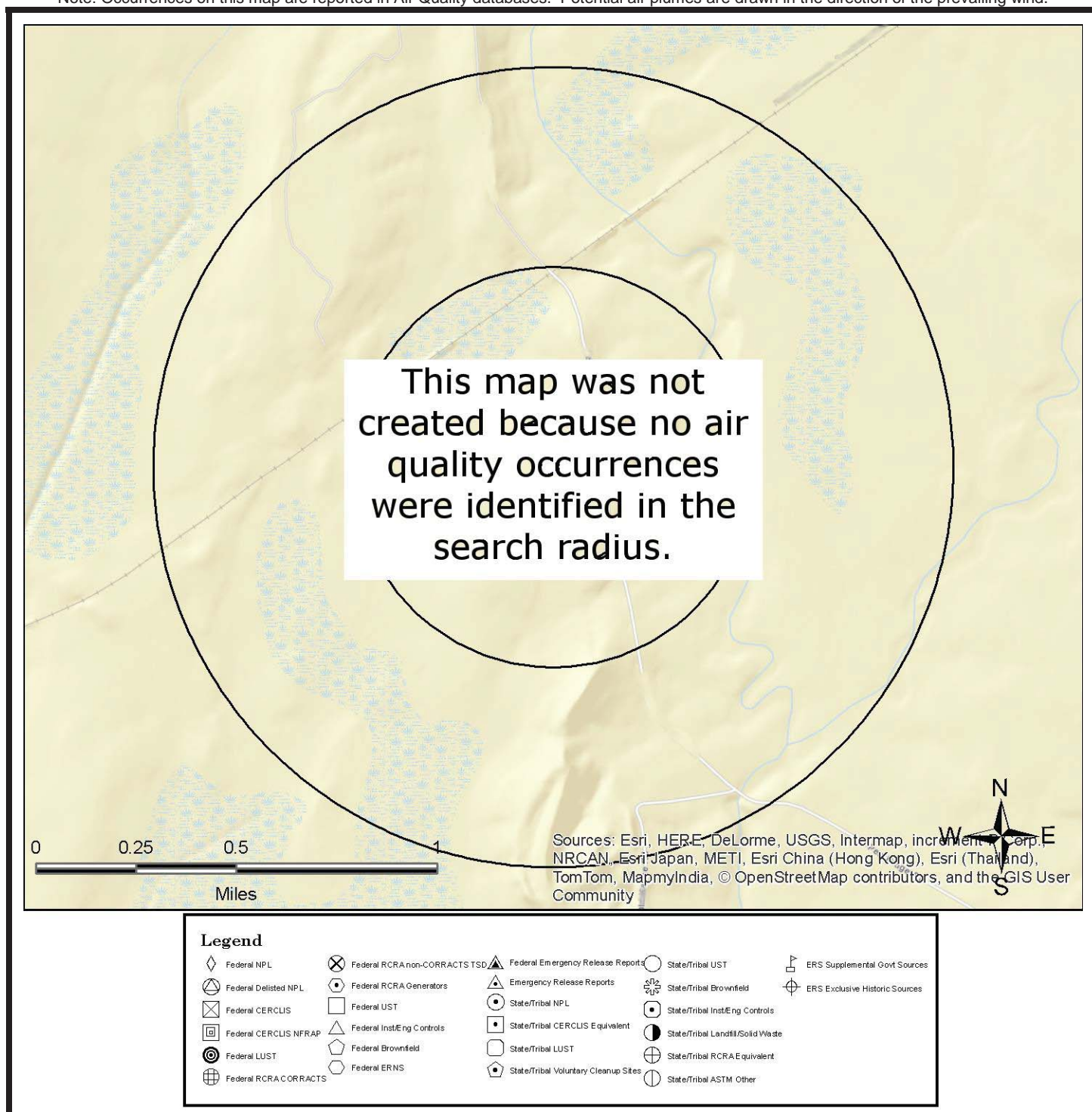
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SUMMARY OF AGENCY DIFFERENCES

MAP ID	ID/SITE NAME	DATABASE	AGENCY COORDINATES	DISTANCE (MILES)	DIRECTION
N/A	No occurrences were identified where the agency provided coordinates that differed significantly from our mapped locations.				

MAPPED AIR PERMITS WITH POTENTIAL DISPERSION (MAP5)

Note: Occurrences on this map are reported in Air Quality databases. Potential air plumes are drawn in the direction of the prevailing wind.



All plotted occurrences represent approximate locations based on geographic information provided by the respective agency/source. Actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. Potential air dispersion plumes are depicted to graphically show the direction contaminants may travel based on prevailing wind data and provide a visual screening tool only. Actual direction will vary especially by season. Depending on the actual contaminate, amount released, and other variables, the distance from the source the contaminate may travel can and will vary. Interpretation and review of all the actual relevant data by an environmental professional is recommended before making any decisions, conclusions or otherwise based on the map depictions, air data, and potential air dispersion plumes.

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LISTED OCCURRENCE DETAILS

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
N/A				
SITE NAME			MAPS	ID
ADDRESS			CITY	ZIP
DETAILS				
No listed sites were found.				

RECORDS SOURCES SEARCHED

Air-AZ

Arizona Air Permits

Category: State/Tribal ASTM Other

Description: This database contains permitted facilities in Arizona. These sites are active and have received ADEQ air permits.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027712331

Date last updated: 7/29/2014

Date last checked: 10/27/2014

Distance searched: 0.5 miles

Sites:

None Found

ALF-AZ

Active Landfills

Category: State/Tribal Landfill/Solid Waste

Description: This database contains a listing of Active Solid Waste Landfills.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027712221

Date last updated: 2/4/2015

Date last checked: 2/4/2015

Distance searched: 0.5 miles

Sites:

None Found

ASPL-AZ

Arizona Superfund Program List

Category: State/Tribal CERCLIS Equivalent

Description: This database contains WQARF Registry Sites, National Priorities List (NPL) sites and Department of Defense (DOD) sites requiring SPS oversight as reported by the Arizona Department of Environmental Quality.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027714340

Date last updated: 3/20/2014

Date last checked: 4/9/2014

Distance searched: 0.5 miles

Sites:

None Found

AST2-AZ

Aboveground Storage Tanks

Category: State/Tribal UST

Description: This database contains aboveground storage tanks as reported by the Department of Fire, Building and Line Safety.

Agency: Department of Fire, Building and Line Safety

Phone Number: 6023641003

Date last updated: 2/4/2015

Date last checked: 2/4/2015

Distance searched: 0.25 miles

Sites:

None Found

AST-AZ**Aboveground Storage Tanks**

Category: State/Tribal UST

Description: This database contains a listing of Aboveground Storage Tanks reported by Arizona Department of Environmental Quality.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027712300

Date last updated: 2/2/2015

Date last checked: 2/2/2015

Distance searched: 0.25 miles

Sites:

None Found

BF-Closed-AZ**Brownfield Sites, Closed Cases**

Category: State/Tribal Brownfield

Description: This database contains a listing of Brownfield Closed Sites where the contamination on the property has been cleaned up.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027714153

Date last updated: 8/19/2014

Date last checked: 10/27/2014

Distance searched: 0.5 miles

Sites:

None Found

BF-Open-AZ**Brownfield Sites, Open Cases**

Category: State/Tribal Brownfield

Description: Brownfield Open Sites where the contamination on the property has not been cleaned up.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027714153

Date last updated: 8/19/2014
Date last checked: 10/27/2014
Distance searched: 0.5 miles
Sites:
None Found

BF-US
A Listing of Brownfields Sites
Category: Federal Brownfield
Description: This database contains a listing of Brownfields sites listed under the "Cleanups in My Community" program maintained by EPA.
Agency: U.S. Environmental Protective Agency
Phone Number: 2025662777
Date last updated: 11/20/2014
Date last checked: 3/27/2015
Distance searched: 0.5 miles
Sites:
None Found

BioFuel-US
Bio Diesel Fuel
Category: ERS Supplemental Govt Sources
Description: This database contains a listing of EPA Fuels Programs facilities.
Agency: U.S Environmental Protection Agency
Phone Number: 2023439303
Date last updated: 11/20/2014
Date last checked: 11/18/2014
Distance searched: 0.25 miles
Sites:
None Found

CDL-AZ
Clandestine Drug Labs
Category: ERS Supplemental Govt Sources
Description: This database contains a listing of seized illegal drug laboratory sites where drug manufacturing chemicals were seized. These sites are reported to meet the S.R.S. 12-990(1) definition of a "clandestine drug laboratory."
Agency: Arizona State Board of Technical Registration
Phone Number: 6023644948
Date last updated: 2/2/2015
Date last checked: 2/2/2015
Distance searched: 0.25 miles
Sites:
None Found

CDL-US**National Clandestine Drug Lab Register****Category:** ERS Supplemental Govt Sources**Description:** National Clandestine Drug Lab Register. This database contains a listing of 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.**Agency:** Unites States Drug Enforcement Administration**Phone Number:** 2023071000**Date last updated:** 11/20/2014**Date last checked:** 11/19/2014**Distance searched:** 0.25 miles**Sites:**

None Found

CERCLIS-Archived-US**CERCLIS sites that have been archived****Category:** Federal CERCLIS NFRAP**Description:** This database contains a listing of Archived CERCLIS sites. The Archive designation means that assessment at a site has been completed and EPA has determined no steps will be taken to designate the site as a priority by listing it on the National Priorities List (NPL). No further remedial action is planned for these sites under the Superfund Program.**Agency:** United States Environmental Protection Agency**Phone Number:** 8004249346**Date last updated:** 11/19/2014**Date last checked:** 2/27/2015**Distance searched:** 0.5 miles**Sites:**

None Found

CERCLIS-US**Comprehensive Environmental Response, Compensation, and Liability Information System****Category:** Federal CERCLIS**Description:** CERCLIS is the Comprehensive Environmental Response, Compensation, and Liability Information System. CERCLIS contains information on hazardous waste sites, potential hazardous waste sites, and remedial activities across the nation, including sites that are on the National Priorities List (NPL) or being considered for the NPL. This database contains a listing of NPL Sites.**Agency:** United States Environmental Protection Agency**Phone Number:** 8004249346**Date last updated:** 11/19/2014**Date last checked:** 2/27/2015**Distance searched:** 0.5 miles**Sites:**

None Found

CLF-AZ**Closed Landfills**

Category: State/Tribal Landfill/Solid Waste

Description: This database contains a listing of Closed Solid Waste Landfills.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027712221

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.5 miles

Sites:

None Found

Controls-AZ**Environmental Use Restriction Sites**

Category: State/Tribal Inst/Eng Controls

Description: Arizona DEQ maintains a DEUR Tracking Database that lists all sites with Environmental Use Restrictions and Voluntary Environmental Mitigation Use Restrictions. This database contains listings of both types.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027714397

Date last updated: 2/4/2015

Date last checked: 2/4/2015

Distance searched: 0.5 miles

Sites:

None Found

Controls-RCRA-US**Federal RCRA with Controls**

Category: Federal Inst/Eng Controls

Description: This database contains RCRA facilities that have Inst/Eng Controls placed on them as identified by the EPA.

Agency: Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 3/10/2015

Date last checked: 3/30/2015

Distance searched: 0.5 miles

Sites:

None Found

Controls-US**Controls List**

Category: Federal Inst/Eng Controls

Description: This database contains a listing of Voluntary Action Program Sites with Engineering Controls and/or Institutional Controls placed on them and were identified by the Environmental Protection Agency.

Agency: Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 3/12/2015

Date last checked: 3/2/2015

Distance searched: 0.5 miles

Sites:

None Found

Dams-AZ

Arizona Dams

Category: ERS Supplemental Govt Sources

Description: This database contains dam locations in Arizona. The data is provided by the University of Arizona Institutional Repository and has not been updated since 1996.

Agency: United States Environmental Protection Agency

Phone Number: 2022607301

Date last updated: 2/4/2015

Date last checked: 2/4/2015

Distance searched: 0.25 miles

Sites:

None Found

Debris-US

Debris Sites

Category: Federal Solid Waste

Description: This database contains the Torres Martinez Reservation Illegal dump sites reported by the United States Environmental Protection Agency.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.5 miles

Sites:

None Found

Delisted-NPL-US

Delisted NPL Sites

Category: Federal Delisted NPL

Description: This database contains a listing of Delisted NPL sites. These are facilities that have been removed from the NPL list. The EPA may delete a final NPL site if it determines that no further response is required to protect human health or the environment.

Agency: Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 11/19/2014

Date last checked: 2/27/2015

Distance searched: 0.5 miles

Sites:

None Found

DryCleaners-AZ

Dry Cleaner Facilities

Category: ERS Supplemental Govt Sources

Description: This database contains a listing of drycleaners reported by the Arizona Department of Environmental Quality.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027712221

Date last updated: 4/29/2014

Date last checked: 4/28/2014

Distance searched: 0.25 miles

Sites:

None Found

DryWell-AZ

DryWells

Category: ERS Supplemental Govt Sources

Description: This database contains drywell locations reported by the Arizona Department of Environmental Quality.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027714686

Date last updated: 2/4/2015

Date last checked: 2/4/2015

Distance searched: 0.25 miles

Sites:

None Found

EGRID-US

Emissions & Generation Resource Facilities

Category: ERS Supplemental Govt Sources

Description: Emissions & Generation Resource Integrated Database (eGRID) is a comprehensive source of data on the environmental characteristics of almost all electric power generated in the United States.

Agency: Environmental Protection Agency

Phone Number: 2023439340

Date last updated: 3/2/2015

Date last checked: 3/2/2015

Distance searched: 0.5 miles

Sites:

None Found

ERNS-US**Emergency Response Notification System****Category:** Federal ERNS**Description:** The primary function of the National Response Center is to serve as the sole national point of contact for reporting all oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories. This database contains a listing of discharge locations.**Agency:** National Response Center**Phone Number:** 8004248802**Date last updated:** 3/2/2015**Date last checked:** 3/2/2015**Distance searched:** 0.25 miles**Sites:**

None Found

FA-HW-US**Financial Assurance, Hazardous Waste****Category:** ERS Supplemental Govt Sources**Description:** This database contains Financial Assurance facilities listed under the Hazardous Waste program as reported by the United States Environmental Protection Agency.**Agency:** United States Environmental Protection Agency**Phone Number:** 8004249346**Date last updated:** 12/15/2014**Date last checked:** 10/7/2014**Distance searched:** 0.25 miles**Sites:**

None Found

FA-UST-AZ**Financial Assurance for Underground Storage Tanks****Category:** ERS Supplemental Govt Sources**Description:** This database identifies facilities with Underground Storage Tanks that have financial assurance as reported by the Arizona Department of Environmental Quality.**Agency:** Arizona Department of Environmental Quality**Phone Number:** 7852961684**Date last updated:** 2/2/2015**Date last checked:** 2/2/2015**Distance searched:** 0.25 miles**Sites:**

None Found

FRS-US

Facility Registry Index (FINDS)

Category: ERS Supplemental Govt Sources

Description: The Facility Registry System (FRS) is a centrally managed database that identifies facilities, sites or places subject to environmental regulations or of environmental interest.

Agency: Environmental Protection Agency

Phone Number: 2022720167

Date last updated: 11/20/2014

Date last checked: 11/8/2014

Distance searched: 0.25 miles

Sites:

None Found

FTTS-ENF-US**FIFRA/TSCA Tracking System (FTTS) Enforcement Actions**

Category: Federal ASTM Other

Description: The FIFRA/TSCA Tracking System (FTTS) is a regional system used to track compliance activities such as inspections, case review, enforcement actions taken, samples collected, and pesticide grants and cooperative agreement information. The compliance monitoring and enforcement activities are tracked from the time an inspector conducts (or schedules) an inspection until the time the case is closed or the enforcement action is settled. Specific legal citations include, but are not limited to: Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), Toxic Substances Control Act (TSCA), and Emergency Planning and Community Right-to-Know Act (EPCRA).

Agency: United States Environmental Protection Agency

Phone Number: 2025642501

Date last updated: 7/10/2014

Date last checked: 7/2/2014

Distance searched: 1 mile

Sites:

None Found

FTTS-INSP-US**FIFRA/TSCA Tracking System (FTTS) Inspections**

Category: ERS Supplemental Govt Sources

Description: The FIFRA/TSCA Tracking System (FTTS) is a regional system used to track compliance activities such as inspections, case review, enforcement actions taken, samples collected, and pesticide grants and cooperative agreement information. The compliance monitoring and enforcement activities are tracked from the time an inspector conducts (or schedules) an inspection until the time the case is closed or the enforcement action is settled. Specific legal citations include, but are not limited to: Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), Toxic Substances Control Act (TSCA), and Emergency Planning and Community Right-to-Know Act (EPCRA).

Agency: United States Environmental Protection Agency

Phone Number: 2025642501

Date last updated: 7/10/2014

Date last checked: 7/2/2014

Distance searched: 0.25 miles

Sites:

None Found

FUDS-US**Formerly Used Defense Sites**

Category: ERS Supplemental Govt Sources

Description: The Department of Defense (DoD) is responsible for environmental restoration of properties that were formerly owned by, leased to or otherwise possessed by the United States and under the jurisdiction of the Secretary of Defense. Such properties are known as Formerly Used Defense Sites (FUDS). The Army is the executive agent for the program and the U.S. Army Corps of Engineers manages and directs the program's administration. The scope and magnitude of the FUDS program are significant, with more than 9,900 properties identified for potential inclusion in the program. Information about the origin and extent of contamination, land transfer issues, past and present property ownership, and program policies must be evaluated before DoD considers a property eligible for Defense Environment Restoration Account (DERA) funding under the FUDS program. Environmental cleanup procedures at FUDS are similar to those at active DoD installations.

Agency: Department of Defense

Phone Number: 2025284285

Date last updated: 3/13/2015

Date last checked: 3/2/2015

Distance searched: 1 mile

Sites:

None Found

Hist-AFS2-US**Air Facility System for Clean Air Act stationary sources**

Category: Federal ASTM Other

Description: AFS contains emissions, compliance, and enforcement data on stationary sources of air pollution. Regulated sources cover a wide spectrum; from large industrial facilities to relatively small operations such as dry cleaners (automobiles and other mobile air pollution sources are tracked by a different AIRS subsystem (AMS).

Agency: Environmental Protection Agency

Phone Number: 2025645962

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.5 miles

Sites:

None Found

Hist-AFS-US**Air Facility System for Clean Air Act stationary sources**

Category: Federal ASTM Other

Description: AFS contains emissions, compliance, and enforcement data on stationary sources of air pollution. Regulated sources cover a wide spectrum; from large industrial facilities to relatively small operations such as dry cleaners (automobiles and other mobile air pollution sources are tracked by a different AIRS subsystem (AMS).

Agency: Environmental Protection Agency

Phone Number: 2025645962

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.5 miles

Sites:

None Found

Hist-Agriculture

Ranches/Farms, Livestock/Agriculture

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Ranches, Farms, Livestock, and/or Agriculture. This classification covers establishments primarily engaged in the production or feeding of beef cattle, except feedlots. Establishments also included are engaged in the production of cows' milk and other dairy products and in raising dairy heifer replacements. Such farms may process and bottle milk on the farm and sell at wholesale or retail. This category also includes establishments primarily engaged in the production of animal specialties, not elsewhere classified, such as pets, bees, worms, and laboratory animals. Furthermore, this industry includes establishments primarily engaged in the production of cash grains, not elsewhere classified. Primary cash grains in this classification include dry field and seed peas and beans, safflowers, sunflowers, and popcorn.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Auto Dealers

Auto and Truck Dealers

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Auto Dealers. This classification is comprised of establishments involved in the retail sale of new automobiles and light trucks. This category also covers establishments primarily engaged in the retail sale of used cars only, with no sales of new automobiles, new automobile tires, batteries, and other automobile parts and accessories.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Auto Repair

Automotive and Truck Tire Dealers

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Auto Repair and Tire Dealers. This classification is primarily selling, tires, replacement parts, batteries, and other automotive accessories. In addition, many operate service departments.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-AZ

Previously Listed Arizona Sites

Category: ERS Supplemental Govt Sources

Description: ERS has compiled records that have been previously listed in other agency databases. When ERS updates an agency database, if there is a record that was in the older version but the record is not found in the newer version, it is put into this database. The site may have been completely removed, or there was a significant change in the record such as Name, ID, or Address. The information from the old listing is preserved in this database along with which database it was originally in. It is also possible that it was moved from one database to another such as a LUST Open site receiving closure and now being listed in the LUST Closed database.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Chemical Manufacturing

Manufacturing and Distribution of Chemicals, Gases, and/or Solids

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Manufacturing and Distribution of Chemicals, Gases, and/or Solids. This industry classification includes establishments engaged in manufacturing alkalies and chlorine. Examples of products include compressed or liquefied chlorine, sodium or potassium hydroxide, sodium bicarbonate, and soda ash (not produced at mines). Manufacturing of industrial gases (organic as well as inorganic) that may be sold in compressed, liquid, or solid form. Industrial gases include acetylene, argon, carbon dioxide, helium, hydrogen, neon, nitrogen, nitrous oxide, and oxygen. Also, manufacturing industrial inorganic chemicals not elsewhere classified. A few examples are alum, ammonium compounds (except for fertilizer), industrial bleaches (sodium or calcium hypochlorite), chemical catalysts, hydrazine, hydrochloric acid, hydrogen peroxide, inorganic sodium compounds, and sulfuric acid. Other chemicals, not elsewhere classified, such as, fatty acids, essential oils, gelatin (except vegetable), sizes, bluing, laundry soaps, writing and stamp pad ink, industrial compounds, such as boiler and heat insulating compounds, metal, oil, and water treating compounds, waterproofing compounds, and chemical supplies for foundries. This category also includes manufacturing various resins and plastics for sale to other industries that create plastic sheets, rods, films, and other products. The category also includes synthetic rubber, soap and detergents, rayon and acetate fibers. Furthermore, this category includes industrial and household adhesives, glues, caulking compounds, sealants, and linoleum, tile, rubber cements from vegetable, hardwood and softwood distillation products, natural dyes, tanning materials, and related products

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Cleaners

Laundry, Cleaners, and Dry Cleaning Services

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites, such as: Laundry, Cleaners, and Dry Cleaning Services. This category includes firms that primarily operate mechanical laundries powered with steam or other means, offer services, such as, dry cleaning or dyeing apparel, household fabrics, cleaning carpets and upholstered furniture, repair, alteration, and storage of clothes for individuals. Also, these establishments may provide laundered or dry-cleaned services to industrial, commercial, and government users. This category also includes establishments that primarily serve as agents for launderers and drycleaners. Furthermore, this category also includes businesses that primarily supply or rent to commercial establishments or household users the following laundered items: uniforms, gowns, and coats used by doctors, nurses, barbers, beauticians, and waitresses; table linens, bed linens, towels and toweling; and similar various items.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Dumps-US

Dumps Inventory of 1985

Category: Federal Solid Waste

Description: This database contains Dumps as reported on the Inventory of Open Dumps from 1985. This report was published by the Office of Solid Waste, EPA.

Agency: Environmental Protection Agency

Phone Number: 2025660200

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.5 miles

Sites:

None Found

Hist-FIFRA-US

Case Administration Data from National Compliance Database (Federal Insecticide, Fungicide, and Rodenticide Act)

Category: ERS Supplemental Govt Sources

Description: This database is no longer maintained by EPA since 2006. The system tracked compliance monitoring and enforcement activities from the time an inspector conducts an inspection until the inspector closes the case or settles any resulting enforcement action(s). EPA now has the ICS database to track this information.

Agency: U.S. Environmental Protection Agency

Phone Number: 2025642501

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Machine Shop

Machine Shops, Welding, Machine Repair

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites, such as: Machine shops, welding shops and machine repair.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Manufacturing

Historic Sources US: Manufacturing

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes manufacturing sites.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Metal Plating

Metal Plating

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes metal plating sites.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

HIST-MLTS-US

Material Licensing Tracking System

Category: ERS Supplemental Govt Sources

Description: This database contains facilities listed on the Material Licensing Tracking system that possess or use radioactive materials as reported by the U.S. Nuclear Regulatory Commission. In late 2012, the agency changed from MLTS to WBL system and no longer keep track of certain information that was available in the old MLTS system.

Agency: U.S. Nuclear Regulatory Commission

Phone Number: 3014157169

Date last updated: 12/18/2014

Date last checked: 12/18/2014

Distance searched: 0.25 miles

Sites:

None Found

Hist-Mortuaries

Crematories/Mortuaries

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Mortuaries and Crematories. This classification includes establishments primarily engaged in preparing the dead for burial, conducting funerals, and cremating the dead.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Paint-Stores

Paint Stores

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes paint stores.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Petroleum

Petroleum Refining/ Manufacturing/ Chemicals

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Petroleum Refining, Manufacturing, and/or processing Chemicals. This category covers establishments engaged primarily in producing gasoline, kerosene, distillate fuel oils, residual fuel oils, and lubricants through fractionation or straight distillation of crude oil, re-distillation of unfinished petroleum derivatives, cracking, or other processes. This category also includes establishments primarily engaged in manufacturing packaged fuel, powdered fuel, and other products of petroleum and coal not elsewhere classified, asphalt and tar paving mixtures and paving blocks made of asphalt mixed. Furthermore, this category includes establishments primarily engaged in blending, compounding, and re-refining lubricating oils and greases from purchased mineral, animal, and vegetable materials.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Printers

Printers and Publishers

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Printers and Publishers. This category is primarily engaged in publishing newspapers or in publishing and printing newspapers, publishing and printing periodicals, publishing and printing books and pamphlets. Other forms of publishing not elsewhere classified, such as, atlases, business service newsletters, calendars, catalogs, directories, guides, maps and map globe covers, paper patterns, race track programs, racing forms, sheet music, shopping news, technical manuals and papers, telephone directories, and yearbooks, as well as the activity of micropublishing. This category also includes, commercial printing of magazines, postage stamps, dollar bills, calendars, fine art prints, wallpaper, catalogs, coupons, directories, newspaper advertising inserts, playing cards, postcards, gift wrap, and product packaging and wrappers, greeting cards, blank books, including checkbooks and books with ruling paper, and loose-leaf binders. Furthermore, these industries are also engaged in typesetting for the trade, including advertising typesetting, hand or machine composition, photocomposition, phototypesetting, computer-controlled typesetting, and typographic composition.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-RV-Dealers

Trailer and Recreational Vehicle Dealers

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Trailer and Recreational Vehicle Dealers. This classification is comprised of establishments involved in the retail sale of new and used motor homes, recreational trailers, and campers (pickup coaches), motorcycles, motorboats and other watercraft, marine supplies, and outboard motors.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Salvage

Vehicle Salvage Yards or Wreckers

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Vehicle Salvage Yards or Wreckers.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Service Stations

Service Stations/Vehicle Fueling

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Service Stations/Vehicle Fueling Stations. This category includes gasoline service stations primarily engaged in selling gasoline and lubricating oils. These establishments frequently sell other merchandise, such as tires, batteries, and other automobile parts, or perform minor repair work.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-SPILLS-AZ**Arizona Spills Reported**

Category: Emergency Release Reports

Description: This database includes the incidents identified in the Hazardous Material Logbook reported by the Arizona Department of Environmental Quality. The data only reports incidents prior to November 22, 2001.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027714380

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Transportation**Transportation Facilities**

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Airports and other facilities that may handle hazardous materials and petroleum products.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-Trucking**Trucking, Shipping, Delivery, and/or Storage**

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Trucking, Shipping, and/or Delivery Storage. This category covers establishments primarily engaged in furnishing trucking or transfer services without storage for freight generally weighing more than 100 pounds, in a single municipality, contiguous municipalities, or a municipality and its suburban areas. This category also includes establishments primarily engaged in the delivery of individually addressed letters, parcels, and packages (generally under 100 pounds), except by means of air transportation or by the United States Postal Service. This category covers establishments primarily engaged in furnishing "over-the-road" trucking services or storage services, including household goods either as common carriers or under special or individual contracts or agreements, for freight generally weighing more than 100 pounds. This category also includes establishments primarily engaged in the warehousing and storage of special products, not elsewhere classified, such as household goods, automobiles (dead storage only), furs (for the trade), textiles, oil, chemicals, lumber, whiskey, and goods at foreign trade zones, farm products, perishable goods under refrigeration.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-US

Previously Listed Federal Sites

Category: ERS Supplemental Govt Sources

Description: ERS has compiled records that have been previously listed in other agency databases. When ERS updates an agency database, if there is a record that was in the older version but the record is not found in the newer version, it is put into this database. The site may have been completely removed, or there was a significant change in the record such as Name, ID, or Address. The information from the old listing is preserved in this database along with which database it was originally in. It is also possible that it was moved from one database to another such as a LUST Open site receiving closure and now being listed in the LUST Closed database.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

Hist-US-EC

Engineering Controls Sites List

Category: Federal Inst/Eng Controls

Description: This database contains a listing of Voluntary Action Program Sites with Engineering Controls placed on them and were identified by the Environmental Protection Agency.

Agency: Environmental Protection Agency

Phone Number: 8004249346

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.5 miles

Sites:

None Found

Hist-US-IC

Sites with Institutional Controls

Category: Federal Inst/Eng Controls

Description: This database contains a listing of Voluntary Action Program Sites with Institutional Controls placed on them and were identified by the Environmental Protection Agency.

Agency: Environmental Protection Agency

Phone Number: 8004249346

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.5 miles

Sites:

None Found

Hist-Vehicle-Parts

Vehicle Parts

Category: ERS Exclusive Historic Sources

Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Vehicle Parts Dealers. This category includes establishments primarily engaged in the retail sale of new automobile tires, batteries, and other automobile parts and accessories.

Agency: Environmental Record Search (ERS)

Phone Number: 8003772430

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

HMIS-US

Hazardous Materials Information System

Category: Federal Emergency Release Reports

Description: Data includes spills, releases, or other incidents involving hazardous materials in commerce during the course of transportation. All modes of transportation are included except pipeline and bulk marine transportation. Data represent a census of all incidents reportable to the U.S. Department of Transportation This database contains a listing of spills. (DOT). U.S. federal regulations require all spills meeting the following criteria to be reported, in writing, to DOT's Office of Hazardous Materials Safety.

Agency: US Department of Transportation Pipeline and Hazardous Materials Safety Administration

Phone Number: 2023664433

Date last updated: 3/8/2015

Date last checked: 3/2/2015

Distance searched: 0.25 miles

Sites:

None Found

ICIS-FEC-US

Integrated Compliance Information System for Federal Enforcement Data

Category: ERS Supplemental Govt Sources

Description: The Integrated Compliance Information System (ICIS) tracks all formal administrative and judicial enforcement actions taken by the U.S. EPA and is used as the system of record to provide official enforcement data.

Agency: Environmental Protection Agency

Phone Number: 2025646962

Date last updated: 11/24/2014

Date last checked: 11/24/2014

Distance searched: 0.5 miles

Sites:

None Found

ICIS-NPDES-US

National Pollutant Discharge Elimination System (NPDES)

Category: ERS Supplemental Govt Sources

Description: The National Pollutant Discharge Elimination System (NPDES) permit program controls water pollution by regulating point sources that discharge pollutants into waters of the United States. This database contains a listing of permit holders.

Agency: United States Environmental Protection Agency

Phone Number: 2022720167

Date last updated: 2/17/2015

Date last checked: 2/27/2015

Distance searched: 0.25 miles

Sites:

None Found

Lead-US

Lead Smelter Sites

Category: ERS Supplemental Govt Sources

Description: This database contains lead smelter sites reported by the Environmental Protection Agency.

Agency: Environmental Protection Agency

Phone Number: 2025645962

Date last updated: 11/21/2014

Date last checked: 11/21/2014

Distance searched: 0.25 miles

Sites:

None Found

LIENS-US

Federal LIEN Sites

Category: Federal Inst/Eng Controls

Description: This database contains sites that have had Federal Liens filed on them as reported by the EPA.

Agency: U.S. Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 3/2/2015

Date last checked: 3/2/2015

Distance searched: 0.5 miles

Sites:

None Found

LUST-Closed-AZ

Leaking Underground Storage Tanks, Closed Cases

Category: State/Tribal LUST

Description: This database contains a listing of LUST Closed cases where remediation cleanup is complete.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027712300

Date last updated: 2/4/2015

Date last checked: 2/4/2015

Distance searched: 0.5 miles

Sites:

None Found

LUST-Open-AZ

Leaking Underground Storage Tanks, Open Cases

Category: State/Tribal LUST

Description: This database contains a listing of Open LUST cases where remediation cleanup is not complete.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027712300

Date last updated: 2/4/2015

Date last checked: 2/4/2015

Distance searched: 0.5 miles

Sites:

None Found

Manifest2-NY

Hazardous Waste Manifest

Category: State/Tribal RCRA Equivalent

Description: The New York Department of Environmental Conservation, Hazardous Waste Manifest System lists sites from all over the country, not just New York. To be thorough, ERS has searched the data subset that includes Arizona sites for listings on or near the subject site that are listed in the New York Department of Environmental Conservation, Hazardous Waste Manifest System.

Agency: New York State Department of Environmental Conservation

Phone Number: 5184028730

Date last updated: 12/9/2014

Date last checked: 12/5/2014

Distance searched: 0.25 miles

Sites:

None Found

Manifest2-RI

Hazardous Waste Manifest

Category: State/Tribal RCRA Equivalent

Description: The Rhode Island Department of Environmental Management, Hazardous Waste Manifest System lists sites from all over the country, not just Rhode Island. To be thorough, ERS has searched the data subset that includes Arizona sites for listings on or near the subject site that are listed in the Rhode Island Department of Environmental Management, Hazardous Waste Manifest System.

Agency: Rhode Island Department of Environmental Management

Phone Number: 4012222797

Date last updated: 12/16/2014

Date last checked: 12/16/2014

Distance searched: 0.25 miles

Sites:

None Found

Mines-AZ

Arizona Mines

Category: ERS Supplemental Govt Sources

Description: This database contains arizona mine sites reported by the Arizona State Land Department.

Agency: Arizona State Land Department.

Phone Number: 6025424631

Date last updated: 9/10/2014

Date last checked: 10/27/2014

Distance searched: 0.25 miles

Sites:

None Found

MINES-US

Mines Master Index File

Category: ERS Supplemental Govt Sources

Description: The Master Index file contains mine identification numbers issued for mines active or opened since 1971.

Agency: United States Department of Labor

Phone Number: 8777786055

Date last updated: 11/24/2014

Date last checked: 11/21/2014

Distance searched: 0.25 miles

Sites:

None Found

MLTS-US

Material Licensing Tracking System

Category: ERS Supplemental Govt Sources

Description: This database contains facilities listed on the Material Licensing Tracking system that possess or use radioactive materials as reported by the U.S. Nuclear Regulatory Commission.

Agency: U.S. Nuclear Regulatory Commission

Phone Number: 3014157169

Date last updated: 12/18/2014

Date last checked: 12/18/2014

Distance searched: 0.25 miles

Sites:

None Found

MRDS-US

Mineral Resources Data System (MRDS)

Category: ERS Supplemental Govt Sources

Description: MRDS is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references.

Agency: U.S. Geologic Survey

Phone Number: 8882758747

Date last updated: 10/14/2014

Date last checked: 10/10/2014

Distance searched: 0.25 miles

Sites:

None Found

NPDES-AZ

National Pollutant Discharge Elimination System (NPDES)

Category: ERS Supplemental Govt Sources

Description: This database contains a listing of National Pollutant Discharge Elimination System (NPDES) permit program facilities.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027714334

Date last updated: 10/27/2014

Date last checked: 10/27/2014

Distance searched: 0.25 miles

Sites:

None Found

NPL-US**National Priorities List**

Category: Federal NPL

Description: The National Priorities List is the list of national priorities among the known releases or threatened releases of hazardous substances, pollutants, or contaminants throughout the United States and its territories. The NPL is intended primarily to guide the EPA in determining which sites warrant further investigation. This database contains a listing of NPL sites.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 11/21/2014

Date last checked: 2/27/2015

Distance searched: 1 mile

Sites:

None Found

OGW-AZ**Arizona Oil and Gas Wells**

Category: ERS Supplemental Govt Sources

Description: This database contains a listing of Oil and Gas Wells identified by the Arizona Geological Survey.

Agency: Arizona Geological Survey

Phone Number: 5207703500

Date last updated: 10/27/2014

Date last checked: 10/27/2014

Distance searched: 0.25 miles

Sites:

None Found

Oil-Centers-AZ**Used Oil Collection Centers**

Category: State/Tribal ASTM Other

Description: This database contains a listing of registered Used Oil Collection Centers in Arizona.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027714140

Date last updated: 2/4/2015

Date last checked: 2/4/2015

Distance searched: 0.5 miles

Sites:

None Found

PADS-US

PCB Registration Database System

Category: Federal ASTM Other

Description: This database contains a listing of generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Agency: Environmental Protection Agency

Phone Number: 2025660500

Date last updated: 3/2/2015

Date last checked: 3/2/2015

Distance searched: 0.5 miles

Sites:

None Found

PCB-US

PCB Transformers

Category: Federal ASTM Other

Description: PCB Transformer Registration Database. This database indicates the best known current status of registered PCB transformers

Agency: U.S Environmental Protection Agency

Phone Number: 7033088404

Date last updated: 3/2/2015

Date last checked: 3/2/2015

Distance searched: 0.25 miles

Sites:

None Found

PCS-US

Permit Compliance System for Clean Water Act

Category: ERS Supplemental Govt Sources

Description: PCS is an information management system maintained by the Office of Compliance to track permit compliance and enforcement status of facilities regulated by the National Pollutant Discharge Elimination System (NPDES) under the Clean Water Act. PCS is designed to support the NPDES program at the state, regional, and national levels.

Agency: Environmental Protection Agency

Phone Number: 2025640221

Date last updated: Historical Database

Date last checked: N/A

Distance searched: 0.25 miles

Sites:

None Found

RADINFO-US

Radiation Information Database

Category: ERS Supplemental Govt Sources

Description: This database contains a listing of facilities that are regulated by the US EPA regulations for radiation and radioactivity.

Agency: Environmental Protection Agency

Phone Number: 2023439775

Date last updated: 12/23/2014

Date last checked: 12/23/2014

Distance searched: 0.5 miles

Sites:

None Found

RCRA-CESQG-US

Resource Conservation and Recovery Act, Conditionally Exempt Small Quantity Generators

Category: Federal RCRA Generators

Description: The primary goals of RCRA are to: Protect human health and the environment from the potential hazards of waste disposal. Conserve energy and natural resources. Reduce the amount of waste generated. Ensure that wastes are managed in an environmentally sound manner. This database contains a listing of Conditionally Exempt Small Quantity Generators.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 11/17/2014

Date last checked: 9/17/2014

Distance searched: 0.25 miles

Sites:

None Found

RCRA-COR-US

Resource Conservation and Recovery Act - Corrective Actions

Category: Federal RCRA CORRACTS

Description: The primary goals of RCRA are to: Protect human health and the environment from the potential hazards of waste disposal. Conserve energy and natural resources. Reduce the amount of waste generated. Ensure that wastes are managed in an environmentally sound manner.

EPA estimates that between 50 and 70 percent of all TSDFs have some degree of environmental contamination requiring detailed investigation and perhaps cleanup. Under a program entitled Corrective Action, EPA has the statutory authority to require permitted and interim status TSDFs to clean up hazardous waste contamination. This database contains a listing of sites that have had corrective action.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346
Date last updated: 11/17/2014
Date last checked: 9/17/2014
Distance searched: 1 mile
Sites:
None Found

RCRA-LQG-US

Resource Conservation and Recovery Act, Large Quantity Generators

Category: Federal RCRA Generators

Description: The primary goals of RCRA are to: Protect human health and the environment from the potential hazards of waste disposal. Conserve energy and natural resources. Reduce the amount of waste generated. Ensure that wastes are managed in an environmentally sound manner. This database contains a listing of Large Quantity Generators.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346
Date last updated: 11/17/2014
Date last checked: 9/17/2014
Distance searched: 0.25 miles

Sites:
None Found

RCRA-NON-US

Resource Conservation and Recovery Act

Category: Federal RCRA Generators

Description: The primary goals of RCRA are to: Protect human health and the environment from the potential hazards of waste disposal. Conserve energy and natural resources. Reduce the amount of waste generated. Ensure that wastes are managed in an environmentally sound manner. This database contains a listing of RCRA Non-Hazardous generators.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346
Date last updated: 11/17/2014
Date last checked: 9/17/2014
Distance searched: 0.25 miles

Sites:
None Found

RCRA-SQG-US

Resource Conservation and Recovery Act, Small Quantity Generators

Category: Federal RCRA Generators

Description: The primary goals of RCRA are to: Protect human health and the environment from the potential hazards of waste disposal. Conserve energy and natural resources. Reduce the amount of waste generated. Ensure that wastes are managed in an environmentally sound manner. This database contains a listing of Small Quantity Generators.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 11/17/2014

Date last checked: 9/17/2014

Distance searched: 0.25 miles

Sites:

None Found

RCRA-TSD-US

Resource Conservation and Recovery Act - Treatment, Storage, and Disposal sites

Category: Federal RCRA non-CORRACTS TSD

Description: The primary goals of RCRA are to: Protect human health and the environment from the potential hazards of waste disposal. Conserve energy and natural resources. Reduce the amount of waste generated. Ensure that wastes are managed in an environmentally sound manner.

This database contains a listing of Treatment, Storage and Disposal Facilities - Facilities that receive hazardous waste from generators or other facilities for treatment, storage or disposal of waste are known as TSDFs.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 11/17/2014

Date last checked: 9/17/2014

Distance searched: 0.5 miles

Sites:

None Found

RemOther-Closed-AZ

Remediation Other Sites

Category: State/Tribal ASTM Other

Description: Sites reported by the Arizona Department of Environmental Quality where the owner has elected to remediate the property without the use of an institutional or engineering control.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027714397

Date last updated: 2/4/2015

Date last checked: 2/4/2015

Distance searched: 0.5 miles

Sites:

None Found

RemOther-Open-AZ

Remediation Other Sites

Category: State/Tribal ASTM Other

Description: Sites reported by the Arizona Department of Environmental Quality where the owner has elected to remediate the property without the use of an institutional or engineering control.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027714397
Date last updated: 2/4/2015
Date last checked: 2/4/2015
Distance searched: 0.5 miles
Sites:
None Found

RFG-Lab-US

Reformulated Gasoline (RFG)

Category: ERS Supplemental Govt Sources

Description: This database includes the list of registered Reformulated Gasoline Laboratories.

Agency: Environmental Protection Agency, United States

Phone Number: 2023439303

Date last updated: 3/2/2015

Date last checked: 3/2/2015

Distance searched: 0.25 miles

Sites:
None Found

RMP-US

Risk Management Plans

Category: ERS Supplemental Govt Sources

Description: This database contains facilities that have developed risk management plans as reported by the Environmental Protection Agency. The System for Risk Management Plans (SRMP) is a suite of electronic systems containing information relating to risk management plans submitted by facilities in accordance with the Clean Air Act, Section 112(r). Affected facilities are to develop risk management programs which will prevent and minimize consequences of accidental releases of certain hazardous chemicals that could harm public health and the environment.

Agency: Environmental Protection Agency

Phone Number: 2025642491

Date last updated: 3/12/2015

Date last checked: 3/2/2015

Distance searched: 0.25 miles

Sites:
None Found

ROD-US

Records of Decision

Category: ERS Supplemental Govt Sources

Description: The Record of Decision (ROD) is a public document that explains which cleanup alternatives will be used to clean up a Superfund site. The ROD for sites listed on the NPL (NPL Site Listing Process) is created from information generated during the Remedial Investigation/Feasibility Study (RI/FS). A ROD contains site history, site description, site characteristics, community participation, enforcement activities, past and present activities, contaminated media, the contaminants present, scope and role of response action and the remedy selected for cleanup. This database contains a listing of sites with RODs.

Agency: Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 3/2/2015

Date last checked: 3/2/2015

Distance searched: 0.5 miles

Sites:

None Found

SAA-Agreements-US

Sites with Superfund Alternative Approach Agreements

Category: Federal ASTM Other

Description: This database contains sites that have a Superfund Alternative agreement. The Superfund alternative (SA) approach uses the same investigation and cleanup process and standards that are used for sites listed on the NPL. The SA approach is an alternative to listing a site on the NPL; it is not an alternative to Superfund or the Superfund process.

Agency: Environmental Protection Agency

Phone Number: 2025645110

Date last updated: 3/2/2015

Date last checked: 3/2/2015

Distance searched: 1 mile

Sites:

None Found

SDWIS-US

Safe Drinking Water Information System

Category: ERS Supplemental Govt Sources

Description: This database contains the Safe Drinking Water Information including Public Water, Source and Treatment, Enforcements and Violations reported by the United States Environmental Protection Agency.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 3/11/2015

Date last checked: 3/10/2015

Distance searched: 0.25 miles

Sites:

None Found

SS-AZ

Superfund Sites

Category: State/Tribal CERCLIS Equivalent

Description: This database contains superfund sites in Arizona. The data is provided by the University of Arizona Institutional Repository and last updated in 1997.

Agency: United States Environmental Protection Agency

Phone Number: 2022607301

Date last updated: 2/4/2015

Date last checked: 2/4/2015

Distance searched: 0.5 miles

Sites:

None Found

SSTS-US

Section 7 Tracking System

Category: ERS Supplemental Govt Sources

Description: This database contains a listing of EPA-registered domestic pesticide-producing and device producing establishments and the pesticides produced based on data in the Section Seven Tracking System.

Agency: Environmental Protection Agency

Phone Number: 2025644203

Date last updated: 12/24/2014

Date last checked: 1/1/2015

Distance searched: 0.25 miles

Sites:

None Found

SWT-AZ

Special Waste Transporter List

Category: ERS Supplemental Govt Sources

Description: This database contains special waste transporter sites as reported by the Arizona Department of Environmental Quality. Special waste is classified as waste that contains petroleum contaminated soils and waste from shredding motor vehicles.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027712221

Date last updated: 2/4/2015

Date last checked: 2/4/2015

Distance searched: 0.25 miles

Sites:

None Found

Transfer-AZ

Transfer Stations

Category: State/Tribal Landfill/Solid Waste

Description: This database contains active transfer stations as reported by the Arizona Department of Environmental Quality.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027712221

Date last updated: 2/4/2015

Date last checked: 2/4/2015

Distance searched: 0.5 miles

Sites:

None Found

Tribal-Air-US

Tribal Air Permitted Facilities

Category: Federal ASTM Other

Description: This database contains tribal locations that have been issued air permits as reported by the US Environmental Protection Agency. At this time the database includes region 2, 5, 7, 8, 9, 10.

Agency: United States Environmental Protection Agency

Phone Number: 3123532000

Date last updated: 1/21/2015

Date last checked: 1/21/2015

Distance searched: 0.5 miles

Sites:

None Found

Tribal-BF-US

Tribal Brownfields

Category: Federal Brownfield

Description: This database contains a listing of Brownfields on Native American Land identified by the United States Environmental Protection Agency.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 5/16/2014

Date last checked: 5/16/2014

Distance searched: 0.5 miles

Sites:

None Found

Tribal-LUST-Closed-Reg9

Tribal Leaking Underground Storage Tanks

Category: Federal LUST

Description: This database contains a listing of Leaking Underground Storage Tanks on Native American Land identified by the United States Environmental Protection Agency in Region 9.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 3/27/2015

Date last checked: 3/27/2015

Distance searched: 0.5 miles

Sites:

None Found

Tribal-LUST-Open-Reg9

Tribal Leaking Underground Storage Tanks

Category: Federal LUST

Description: This database contains a listing of Leaking Underground Storage Tanks on Native American Land identified by the United States Environmental Protection Agency in Region 9.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 3/27/2015

Date last checked: 3/27/2015

Distance searched: 0.5 miles

Sites:

None Found

Tribal-ODI-US

Tribal Open Dump Sites

Category: Federal Solid Waste

Description: This database contains a listing of Open Dump Sites on Native American Land identified by the Indian Health Service

Agency: Indian Health Service

Phone Number: 3014431046

Date last updated: 5/19/2014

Date last checked: 5/16/2014

Distance searched: 0.5 miles

Sites:

None Found

Tribal-UST-Reg9

Tribal Underground Storage Tanks

Category: Federal UST

Description: This database contains a listing of Underground Storage Tanks on Native American Land identified by the United States Environmental Protection Agency in Region 9.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 3/27/2015

Date last checked: 3/27/2015

Distance searched: 0.25 miles

Sites:

None Found

Tribal-VCP-US**Tribal VCP**

Category: Federal Tribal VCP

Description: This database contains voluntary cleanup sites located in tribal land as reported by the United States Environmental Protection Agency.

Agency: United States Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 6/27/2014

Date last checked: 6/24/2014

Distance searched: 0.5 miles

Sites:

None Found

TRIS2000-US**Toxics Release Inventory System**

Category: ERS Supplemental Govt Sources

Description: TRIS is a EPA database reported annually by certain covered industry groups, as well as federal facilities. It contains information about more than 650 toxic chemicals that are being used, manufactured, treated, transported, or released into the environment, and includes information about waste management and pollution prevention activities. This database contains a listing of facilities that reported in the years between 2000-2009.

Agency: Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 10/13/2014

Date last checked: 10/9/2014

Distance searched: 0.25 miles

Sites:

None Found

TRIS2010-US**Toxics Release Inventory System**

Category: ERS Supplemental Govt Sources

Description: TRIS is a EPA database reported annually by certain covered industry groups, as well as federal facilities. It contains information about more than 650 toxic chemicals that are being used, manufactured, treated, transported, or released into the environment, and includes information about waste management and pollution prevention activities. This database contains a listing of facilities that reported in the years between 2010-2012.

Agency: Environmental Protection Agency

Phone Number: 8004249346

Date last updated: 10/13/2014

Date last checked: 10/9/2014

Distance searched: 0.25 miles

Sites:

None Found

TRIS80-US**Toxics Release Inventory System****Category:** ERS Supplemental Govt Sources**Description:** TRIS is a EPA database reported annually by certain covered industry groups, as well as federal facilities. It contains information about more than 650 toxic chemicals that are being used, manufactured, treated, transported, or released into the environment, and includes information about waste management and pollution prevention activities. This database contains a listing of facilities that reported in the years between 1987-1989.**Agency:** Environmental Protection Agency**Phone Number:** 8004249346**Date last updated:** 10/13/2014**Date last checked:** 10/9/2014**Distance searched:** 0.25 miles**Sites:**

None Found

TRIS90-US**Toxics Release Inventory System****Category:** ERS Supplemental Govt Sources**Description:** TRIS is a EPA database reported annually by certain covered industry groups, as well as federal facilities. It contains information about more than 650 toxic chemicals that are being used, manufactured, treated, transported, or released into the environment, and includes information about waste management and pollution prevention activities. This database contains a listing of facilities that reported in the years between 1990-1999.**Agency:** Environmental Protection Agency**Phone Number:** 8004249346**Date last updated:** 10/13/2014**Date last checked:** 10/9/2014**Distance searched:** 0.25 miles**Sites:**

None Found

TSCA-US**Toxics Substance Control Sites****Category:** ERS Supplemental Govt Sources**Description:** TSCA addresses the production, importation, use, and disposal of specific chemicals including polychlorinated biphenyls (PCBs), asbestos, radon and lead-based paint. This database contains a listing of these facilities.**Agency:** U.S. Environmental Protection Agency**Phone Number:** 2025642501**Date last updated:** 11/24/2014**Date last checked:** 11/21/2014**Distance searched:** 0.25 miles

Sites:

None Found

UIC-AZ**Underground Injection Control Wells**

Category: ERS Supplemental Govt Sources

Description: This database contains Underground Injection Control Wells reported by the Arizona Geological Survey.

Agency: Arizona Geological Survey.

Phone Number: 5207703500

Date last updated: 2/3/2015

Date last checked: 3/21/2014

Distance searched: 0.25 miles

Sites:

None Found

USGS-Waterwells-US**Ground Water Site Inventory**

Category: ERS Supplemental Govt Sources

Description: This database contains a listing of wells, springs, test holes, tunnels, drains, and excavations reported by the United States Geological Survey, Water Resources Program.

Agency: United States Geological Survey, Water Resources Program

Phone Number: 9162783000

Date last updated: 5/15/2014

Date last checked: 5/15/2014

Distance searched: 0.25 miles

Sites:

None Found

UST-AZ**Underground Storage Tanks**

Category: State/Tribal UST

Description: This database contains a listing of Registered Underground Storage Tanks in Arizona.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027712300

Date last updated: 2/3/2015

Date last checked: 2/3/2015

Distance searched: 0.25 miles

Sites:

None Found

Vapor-Intrusions-US**Vapor Intrusion Database**

Category: ERS Supplemental Govt Sources

Description: This database contains the vapor intrusion database as reported by the Environmental Protection Agency.

Agency: Environmental Protection Agency

Phone Number: 7033057411

Date last updated: 10/3/2014

Date last checked: 9/26/2014

Distance searched: 0.5 miles

Sites:

None Found

VCP-Closed-AZ

Voluntary Cleanup Program Sites, Closed Cases

Category: State/Tribal Voluntary Cleanup Sites

Description: This database contains a listing of Voluntary Cleanup Program Sites where the contamination on the property has been cleaned up.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027714153

Date last updated: 8/19/2014

Date last checked: 10/27/2014

Distance searched: 0.5 miles

Sites:

None Found

VCP-Open-AZ

Voluntary Cleanup Program Sites, Open Cases

Category: State/Tribal Voluntary Cleanup Sites

Description: This database contains a listing of Voluntary Cleanup Program Sites where the contamination on the property has been cleaned up.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027714153

Date last updated: 8/19/2014

Date last checked: 10/27/2014

Distance searched: 0.5 miles

Sites:

None Found

Waste-tire-AZ

Waste Tire Sites

Category: ERS Supplemental Govt Sources

Description: This database contains a listing of Waste Tire Sites registered through the Arizona Department of Environmental Quality.

Agency: Arizona Department of Environmental Quality

Phone Number: 602-771-41

Date last updated: 10/30/2014

Date last checked: 10/30/2014

Distance searched: 0.5 miles

Sites:

None Found

Wells-AZ

Arizona Wells

Category: ERS Supplemental Govt Sources

Description: This database contains a listing of Arizona wells.

Agency: Arizona Department of Water Resources

Phone Number: 6027718640

Date last updated: 10/30/2014

Date last checked: 10/30/2014

Distance searched: 0.25 miles

Sites:

None Found

WQARF-AZ

Water Quality Assurance Revolving Fund Sites

Category: State/Tribal NPL

Description: The program identifies sites that are most in need of cleanup and adds them to the WQARF Registry. Sites on the Registry receive first consideration for distribution of funds.

Agency: Arizona Department of Environmental Quality

Phone Number: 6027714401

Date last updated: 2/4/2015

Date last checked: 2/4/2015

Distance searched: 1 mile

Sites:

None Found

UN-MAPPABLE OCCURRENCES

The following occurrences were not mapped primarily due to incomplete or inaccurate address information. All of the following occurrences were determined to share the same zip code as the area searched. General status information is given with each occurrence along with any address information entered by the agency responsible for the list.

ID	Facility Name	Address	Database	Status
No "un-mapped" sites requested.				

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The data presented in this report should only be interpreted by an experienced environmental professional that completely understands the potential inaccuracy of the data, the possible existence of contaminated occurrences that have not been listed, and the possibility that the governmental database misrepresents the actual status of an occurrence. Prior to relying completely on any of the data within this report, an environmental professional should verify the accuracy of the information presented.

It is important that the reader and/or end user of this information realize that the data gathered has not been verified for accuracy or completeness in any way by **ERS**. As much as possible, the data is presented unchanged to represent the actual data produced by these agencies.

ERS does however stand behind its representation of the data, any manually plotted occurrences, and all other items directly under its control. This report does comply (as far as the data is reasonably ascertainable as outlined in both the following standards) with section 8.2.1 of ASTM 1527-13 – Standard Environmental Record Sources and EPA's 40 CFR Part 312, All Appropriate Inquiries. **ERS** does ensure that the data is accurately reproduced from the original source. **ERS** backs the reporting of the data with \$2,000,000 of insurance.

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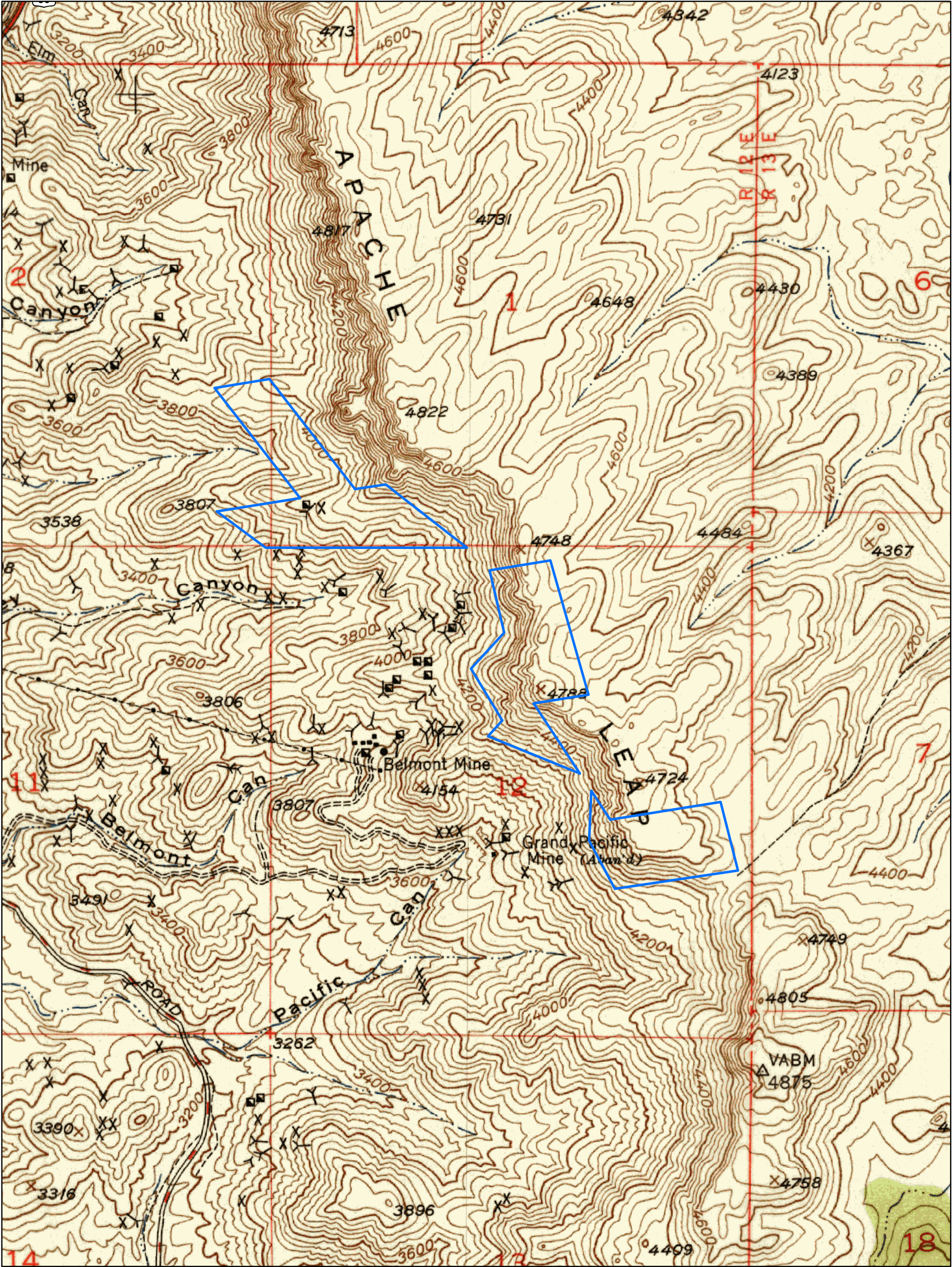
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APPENDIX E

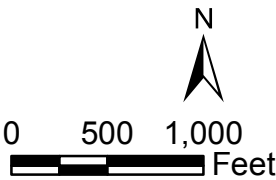
HISTORICAL TOPOGRAPHIC PHOTOGRAPHS

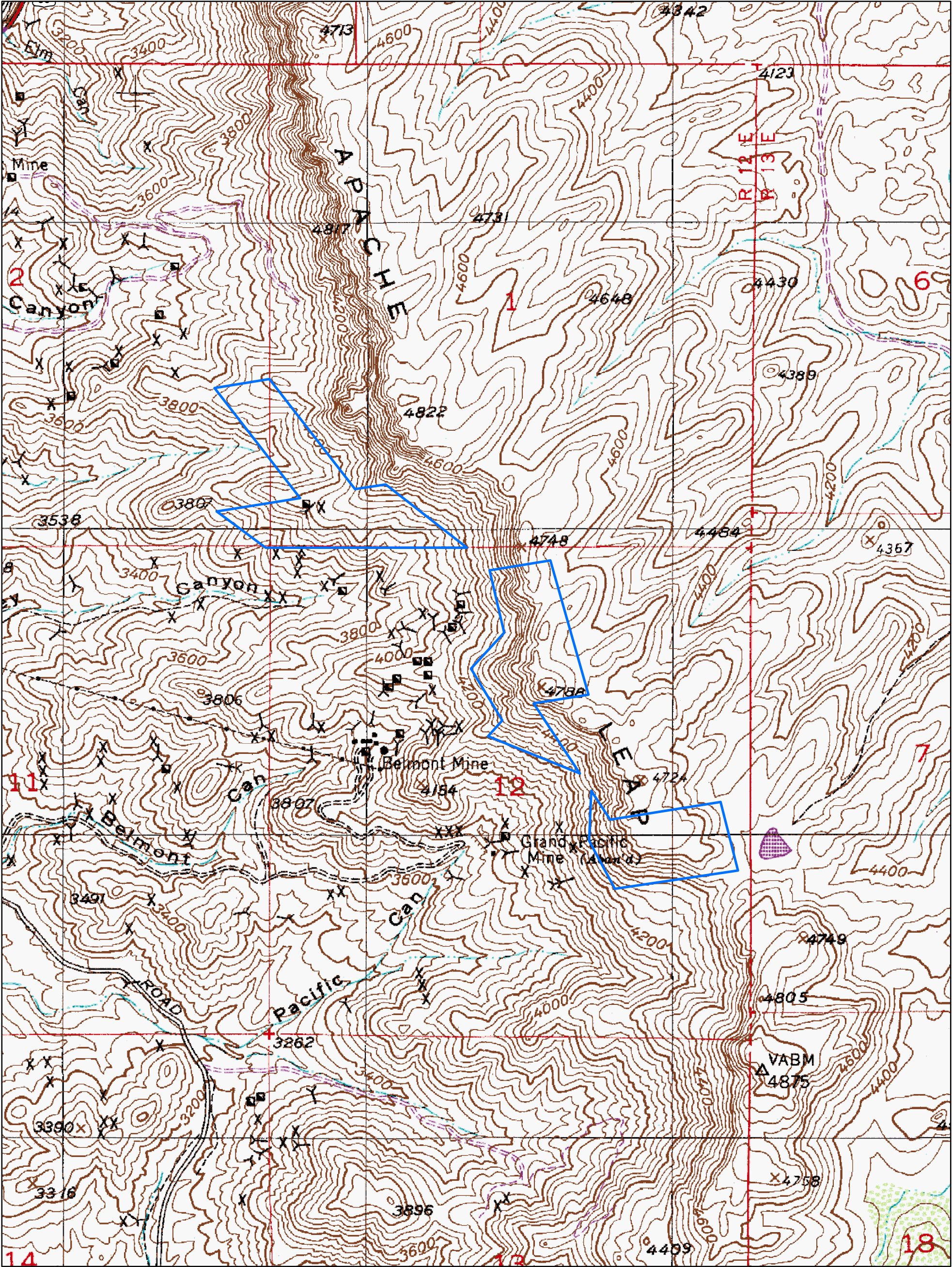


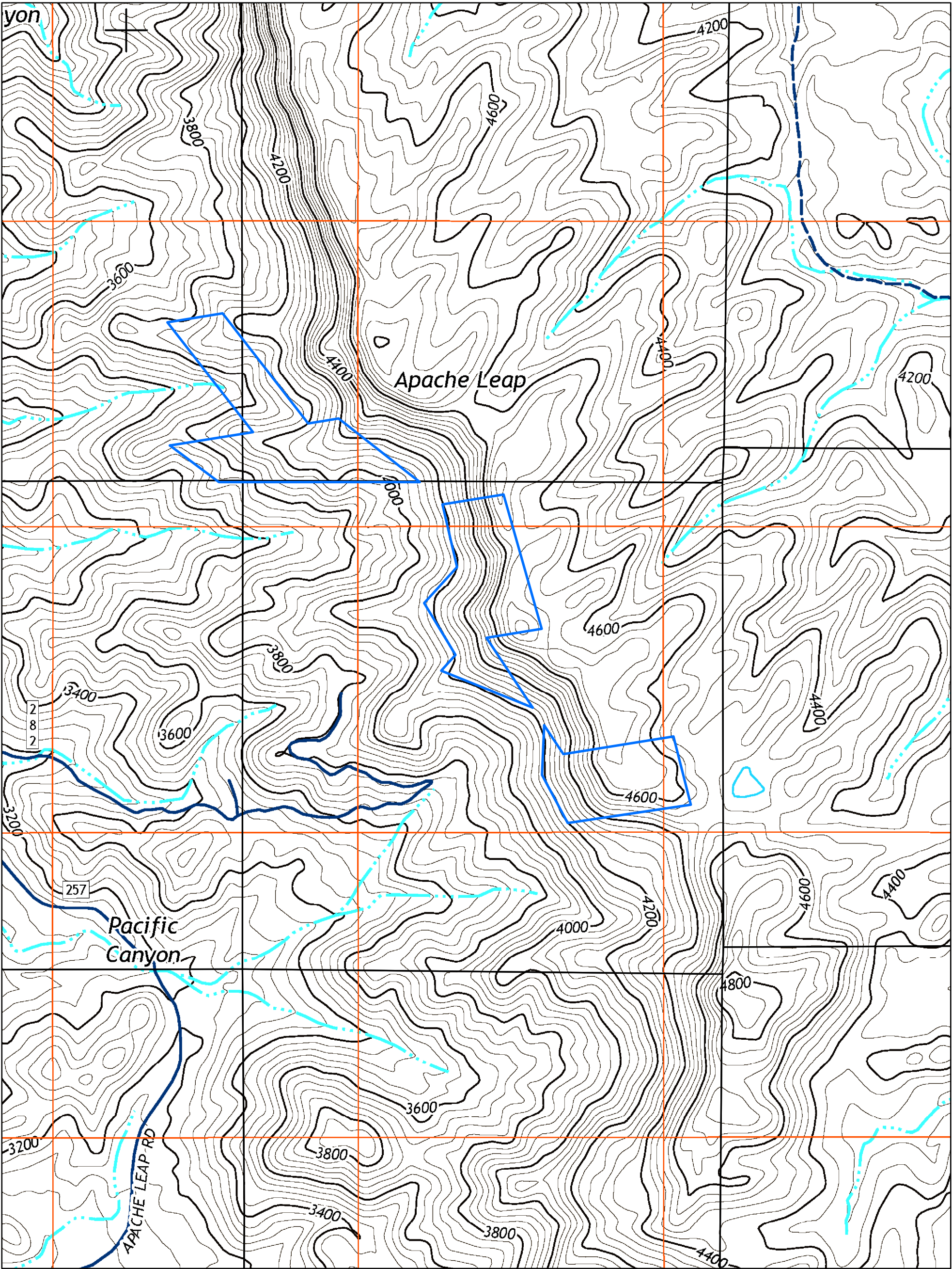
T4S, R15E, Portion of Sections 7 & 8,
Pinal and Gila Counties, Arizona,
Superior USGS 1948 Quad

Legend

 Apache Leap South End Parcels





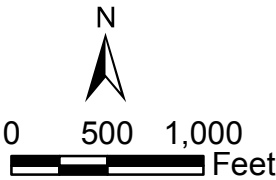


T4S, R15E, Portion of Sections 7 & 8,
Pinal and Gila Counties, Arizona,
Superior USGS 2014 Quad

Westland Resources, Inc.
Tucson • Phoenix • Flagstaff
4001 E. Paradise Falls Drive
Tucson, Arizona 85712 (520) 266-9585

Legend

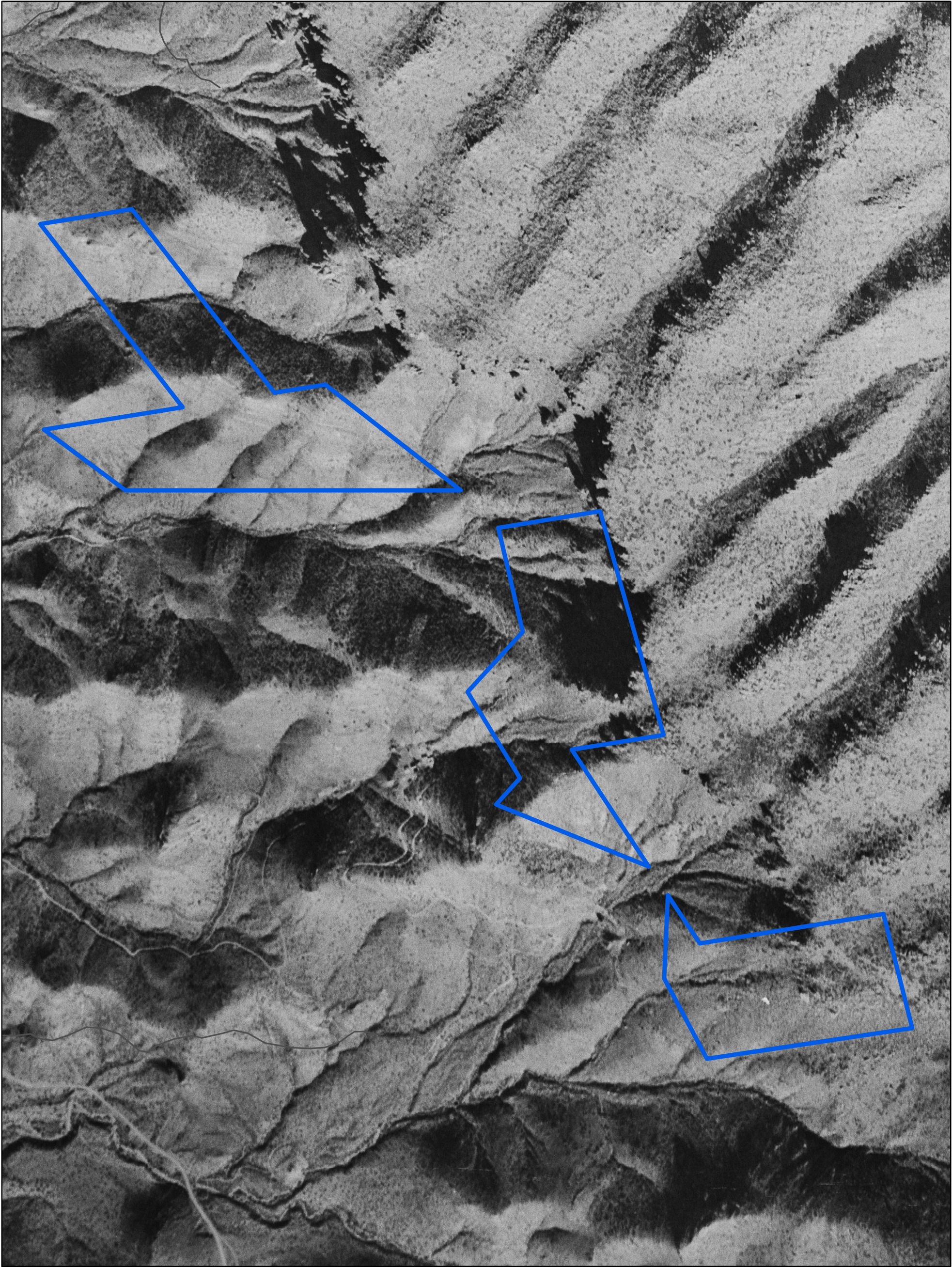
 Apache Leap South End Parcels



RESOLUTION COPPER
Phase I ESA for Apache Leap South End
2014 USGS Quad


APPENDIX F

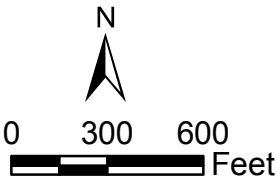
HISTORICAL AERIAL PHOTOGRAPHS

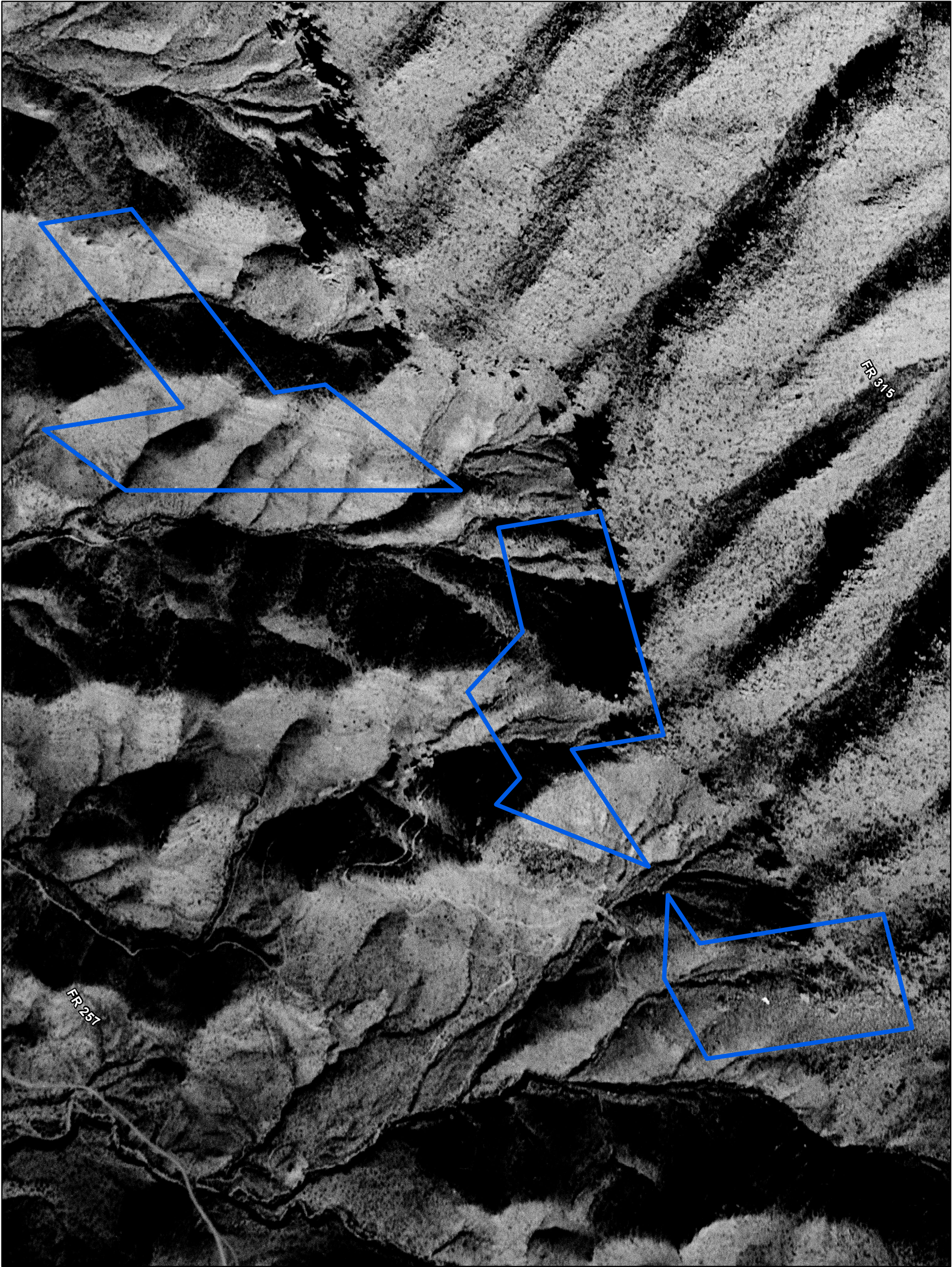


T4S, R15E, Portion of Sections 7 & 8,
Pinal and Gila Counties, Arizona,
Photo Source: USGS (April 1945)

Legend


 Apache Leap South End Parcels

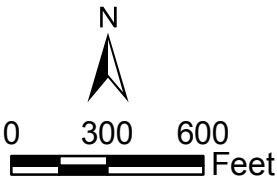


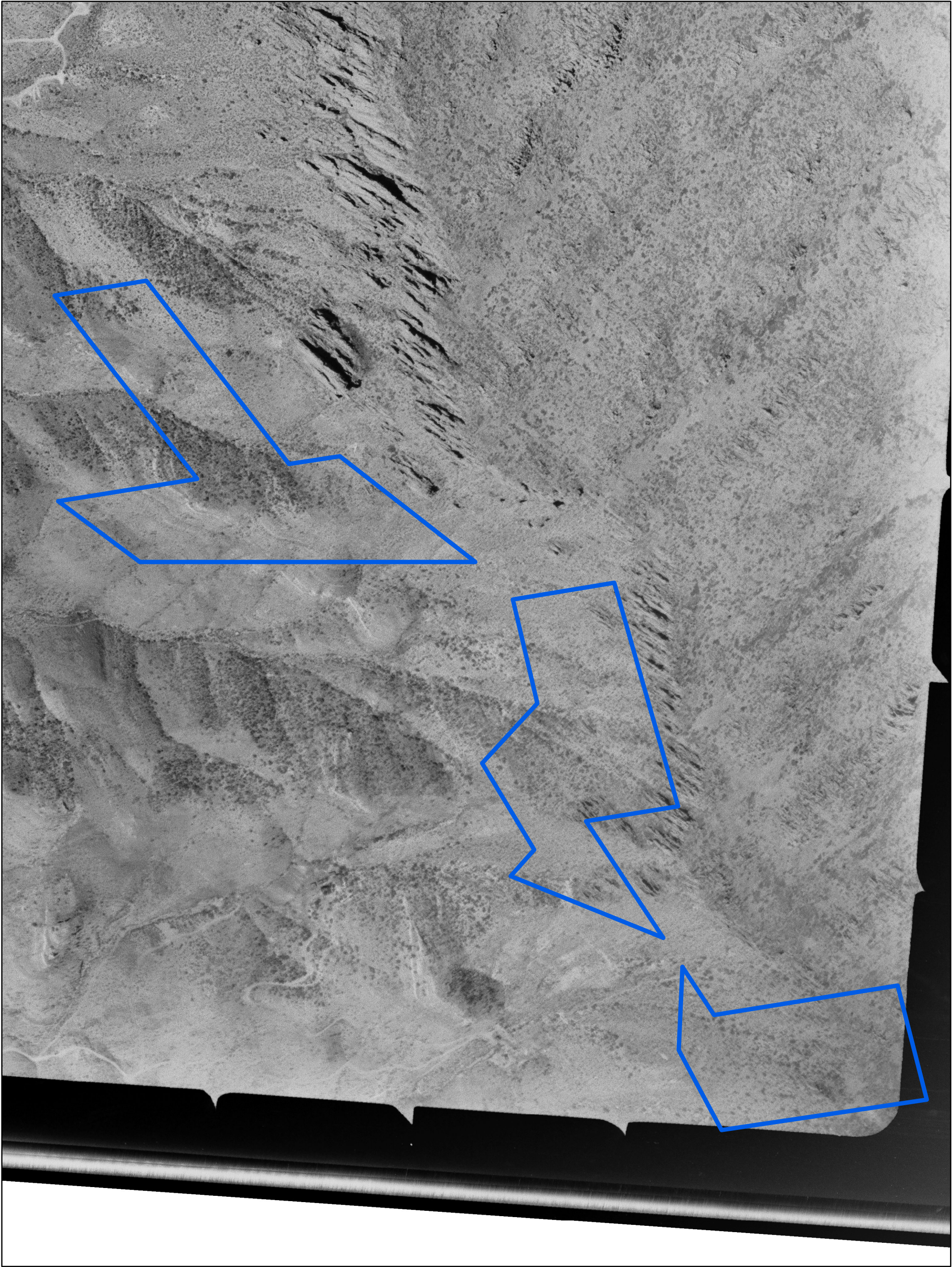


T4S, R15E, Portion of Sections 7 & 8,
Pinal and Gila Counties, Arizona,
Photo Source: USGS (April 1953)

Legend

 Apache Leap South End Parcels

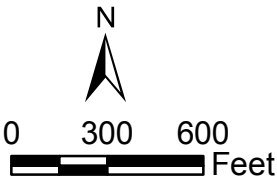


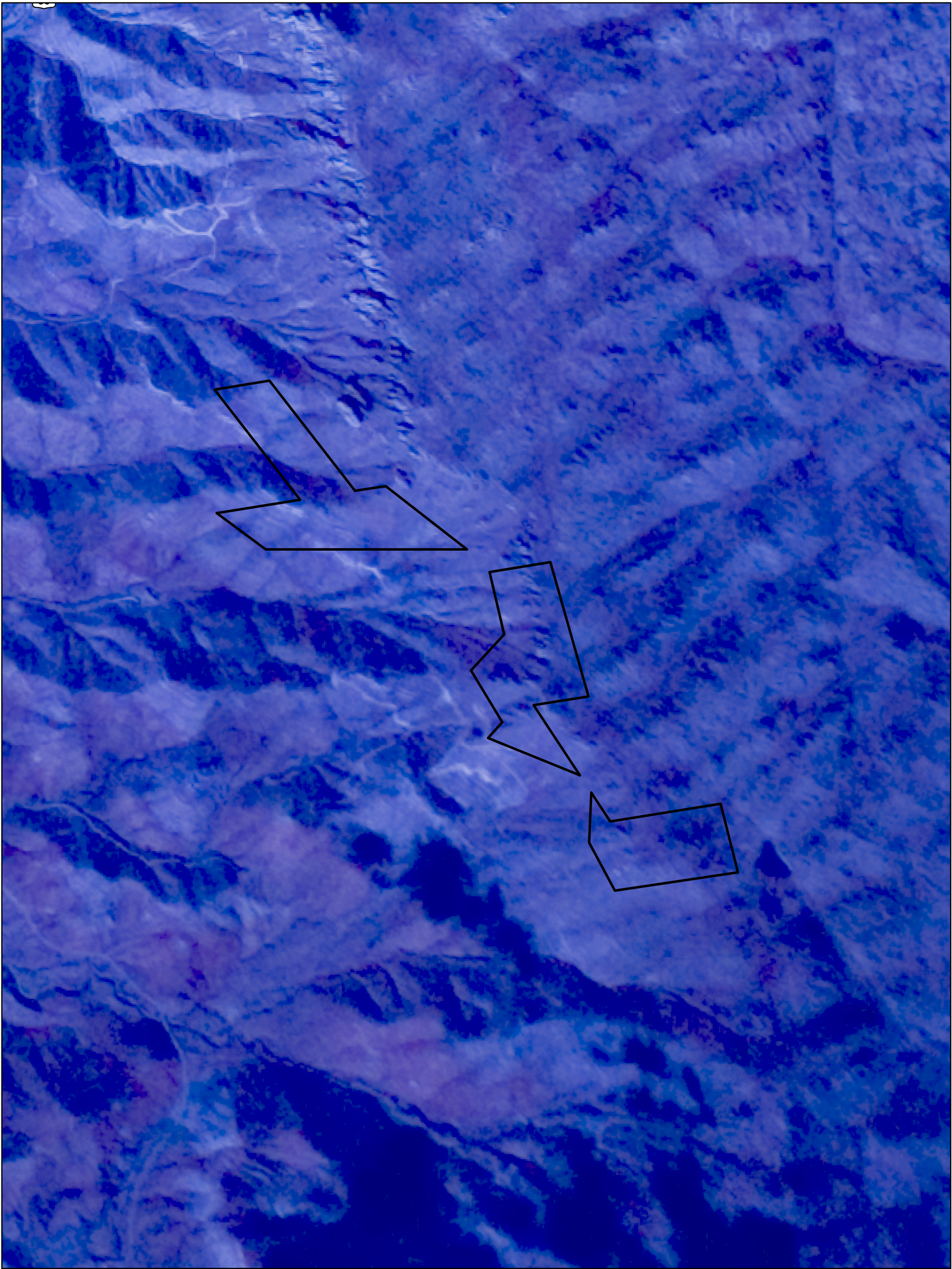


T4S, R15E, Portion of Sections 7 & 8,
Pinal and Gila Counties, Arizona,
Photo Source: USGS (May 1961)

Legend


 Apache Leap South End Parcels

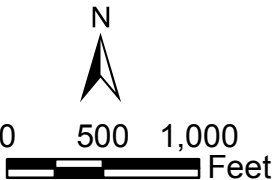




T4S, R15E, Portion of Sections 7 & 8,
Pinal and Gila Counties, Arizona,
Photo Source: USGS (March 1978)

Legend

 Apache Leap South End Parcels



APPENDIX G

**PINAL COUNTY
ASSESSOR'S
RECORDS MAP**

SEC 12, TN.2S RG.12E

SEE MAP 105-01

AREA CODE
0000

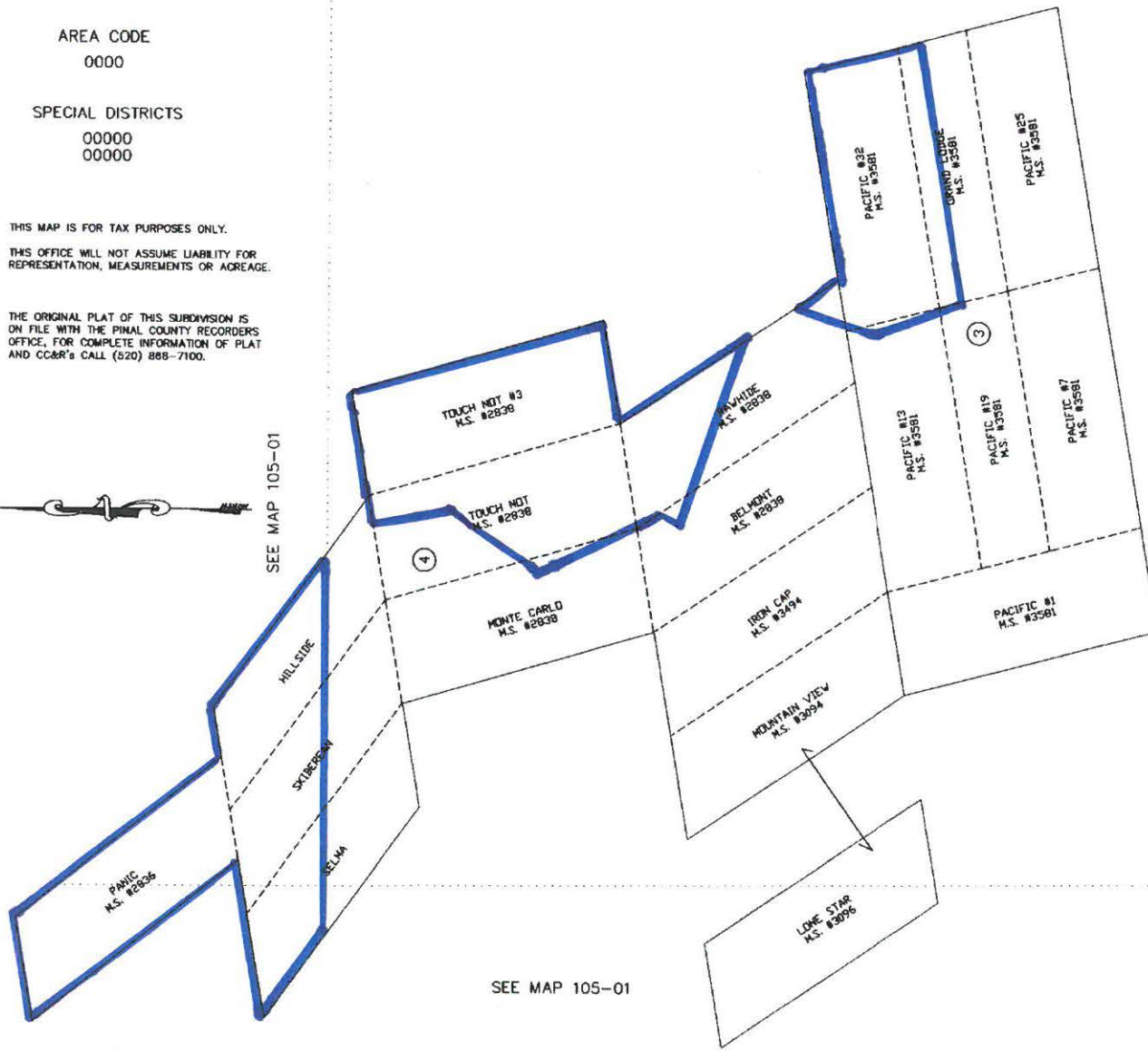
SPECIAL DISTRICTS
00000
00000

THIS MAP IS FOR TAX PURPOSES ONLY.

THIS OFFICE WILL NOT ASSUME LIABILITY FOR
REPRESENTATION, MEASUREMENTS OR ACREAGE.

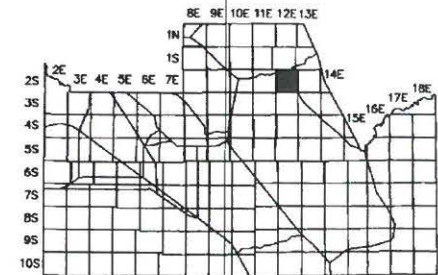
THE ORIGINAL PLAT OF THIS SUBDIVISION IS
ON FILE WITH THE PINAL COUNTY RECORDERS
OFFICE, FOR COMPLETE INFORMATION OF PLAT
AND CC&R'S CALL (520) 888-7100.

SEE MAP 105-01



SEE MAP 105-01

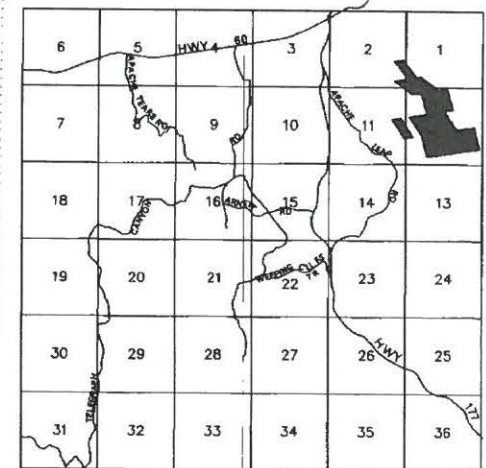
105-15



SCALE: 1" = 600'

04-15-2005

VICINITY MAP



PINAL COUNTY ASSESSORS MAP

APPENDIX H

PINAL COUNTY ASSESSOR PROPERTY DETAIL RECORDS

Parcel Search*

[Start a New Search](#)

	Search Results (1 Entries)	open
	Parcel Details (105-15-0030)	open

Previous year valuations are subject to change as prescribed in the Arizona Revised Statutes. All changes in value not be reflected in this data. For updated/correct figures, please refer to the Treasurer's Office website.

[Link to This Parcel](#)
Print View

Parcel Number 105-15-0030 shows the following information for Tax Year: 2016 [Tax Year Chart](#)

Parcel Number:	105-15-0030 (Taxing Information)			Primary Owner:	RESOLUTION COPPER MINING LLC
Section:		Township:		Name 2:	C/O RTSS TAX SERVICES
Atlas Number:	000-00	Map:	View Parcel Map	In C/O:	
Property Description: (What is this?)				Tax Bill Mailing Address	
PAT MNG PROP PIONEER MNG DIST PACIFIC #1 #7 #13 #19 #25 #32 GRAND LODGE 123.45 AC				Address:	4700 DAYBREAK PKWY 3RD FLOOR
				City:	SOUTH JORDAN
				State:	UT
				Zip Code:	84095

Date of Sale:	Not Given	Property Address (Location):			
Sale Amount:	Not Given				
Document(s):		Subdivision:			
2006-145165					
2005-009840		Unit:		Block:	
		Lot:		Phase:	
		Cabinet:		Slide:	

Imp:	0.00	Item:	
Const year:	0	Grnd Flr Perim:	0
Stories:		Total Sq. Ft.:	0

Parcel Size:	123.45
Size Indicator:	Acres
Tax Area Code:	1500 (Rates current as of 2013)
Use Code:	6600
Land Legal Class:	02RL - Vacant Land / Non-Profit Imp





Impr. Legal Class:	
Full Cash Value (FCV):	\$237,913.00
Limited Value (LPV):	\$127,937.00
Real Property Ratio:	
Assessed FCV:	\$35,687.00
Assessed LPV:	\$19,191.00

Attached Personal Property:	No Personal Property Listed
------------------------------------	-----------------------------


*The data presented on this website is deemed reliable but not guaranteed. This information should be used for informational use only and does not constitute a legal document for the description of these properties. The Pinal County Assessor's Office disclaims any responsibility or liability for any direct or indirect damages resulting from the use of this data.

Parcel Search*

[Start a New Search](#)

	Search Results (1 Entries)	
	Parcel Details (105-15-0040)	

Previous year valuations are subject to change as prescribed in the Arizona Revised Statutes. All changes in value not be reflected in this data. For updated/correct figures, please refer to the Treasurer's Office website.

[Link to This Parcel](#)
 **Print View**

Parcel Number 105-15-0040 shows the following information for Tax Year: 2016 [Tax Year Chart](#)

Parcel Number:	105-15-0040 (Taxing Information)			Primary Owner:	RESOLUTION COPPER MINING LLC
Section:		Township:		Name 2:	C/O RTSS TAX SERVICES
Atlas Number:	000-00	Map:	View Parcel Map	In C/O:	
Property Description: (What is this?)				Tax Bill Mailing Address	
PAT MNG PROP SELMA #2837 TOUCH NOT #2838 TOUCH NOT 3 #2838 RAWHIDE #2838 BELMONT #2838 IRON CAP #3094 MOUNTAIN VIEW #3094 LONE STAR #2096 (PIONEER DIST) SKIBEREAN #2837 MONTE CARLO #2838 PANIC MINE #2836 HILLSIDE #2838 220.00 AC				Address:	4700 DAYBREAK PKWY 3RD FLOOR
				City:	SOUTH JORDAN
				State:	UT
				Zip Code:	84095

Date of Sale:	Not Given	Property Address (Location):			
Sale Amount:	Not Given				
Document(s):		Subdivision:			
2005-009840		Unit:		Block:	
		Lot:		Phase:	
		Cabinet:		Slide:	

Imp:	0.00	Item:	
Const year:	0	Grnd Flr Perim:	0
Stories:		Total Sq. Ft.:	0

Parcel Size:	220.00
Size Indicator:	Acres
Tax Area Code:	1500 (Rates current as of 2013)
Use Code:	6600
Land Legal Class:	02RL - Vacant Land / Non-Profit Imp

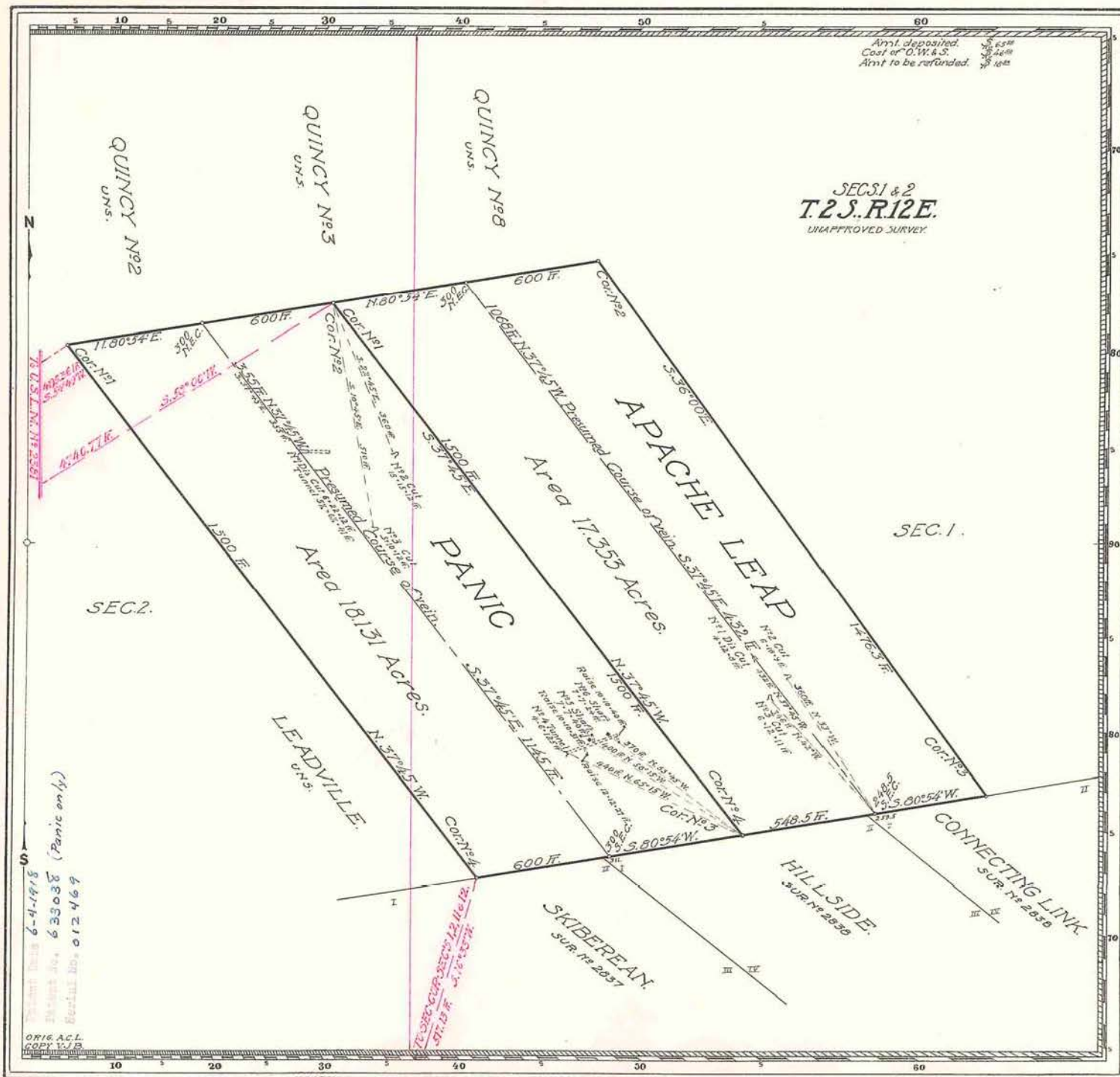
Impr. Legal Class:	
Full Cash Value (FCV):	\$423,984.00
Limited Value (LPV):	\$225,579.00
Real Property Ratio:	
Assessed FCV:	\$63,598.00
Assessed LPV:	\$33,837.00

Attached Personal Property:	No Personal Property Listed
------------------------------------	-----------------------------

*The data presented on this website is deemed reliable but not guaranteed. This information should be used for informational use only and does not constitute a legal document for the description of these properties. The Pinal County Assessor's Office disclaims any responsibility or liability for any direct or indirect damages resulting from the use of this data.

APPENDIX I

**MINERAL SURVEY
PLATS AND
ARIZONA BUREAU
OF MINES BULLETIN
151 MAPS**



Claims Located Apache Leap (Amd) June 1, 1909
Panic Jan. 14, 1908
Mineral Survey No. 2036

L.O.T. No. 1
Arizona Land District.

PLAT

OF THE CLAIM OF

Consolidated Holding & Trust Co.
KNOWN AS THE

Apache Leap & Panic.

IN Pioneer MINING DISTRICT,
Pinal COUNTY, Arizona
Containing an Area of 35.484 Acres.

Scale of 200 feet to the inch.
Variation 14.30' E.

SURVEYED August 8, 1910 190 BY

John F. Hesse, U.S. Mineral Surveyor.

The Original Field Notes of the Survey of the Mining Claim of
Consolidated Holding & Trust Co.
known as the

Apache Leap & Panic.

from which this plat has been made under my direction, have been examined and approved, and are on file in this Office, and I hereby certify that they furnish such an accurate description of said Mining Claim as will, if incorporated into a patent, serve fully to identify the premises, and that such reference is made therein to natural objects or permanent monuments as will perpetuate and fix the locus thereof.

I further certify that Five Hundred Dollars worth of labor has been expended or improvements made upon said Mining Claims by claimant or its grantors, and that said improvements consist of 6 cuts, 2 tunnels, 2 shafts & 3 raises, value \$420.00. An undivided 1/2 interest, value \$600.00, in tunnel N^o 4 on the Panic lode is credited to each of the claims in this survey.

that the location of said improvements is correctly shown upon this plat, and that no portion of said labor or improvements has been included in the estimate of expenditures upon any other claim.

And I further certify that this is a correct plat of said Mining Claim made in conformity with said original field notes of the survey thereof, and the same is hereby approved.

U.S. Surveyor General's Office. Grand J. Ingalls

Phoenix, Ariz. U.S. Surveyor General for

October 13, 1910, 190 ARIZONA.

Secs. 1, 2, 11 & 12
T2S., R12E.

(Unapproved Survey)

Am't deposited \$65.00
Cost of W.B.S. \$49.50
Am't to be refunded \$15.50

Leadville
Ute

Parris
Summit

Hillside
Summit

Tough Not
Summit

North Carlo
Summit

Copper Bell
Ute

Apex
Ute

Connecting Link No. 4
Ute

SELMA
Cor. Secs. 12, 11 & 12

SKIBEREAN
Area 14,804 Acres

U.S. PAT. NO. 237

Patent Date 6-12-1914
Serial No. 413338
Serial No. 012468

A.L. MORO & CO.

Claims Located Am't. June 1, 1909.

190

Mineral Survey No. 2837

L.O.T. No.

Arizona

Land District.

PLAT

OF THE CLAIM OF

Consolidated Holding & Trust Co.

KNOWN AS THE

SKIBEREAN and SELMA.

IN Pioneer MINING DISTRICT,

Pinal COUNTY, Arizona

Containing an Area of 29,608 Acres.

Scale of 300 Feet to the inch.

Variation 14° 30' E.

SURVEYED August 9, 1910. 190 BY

John F. Hesse

U.S. Mineral Surveyor,

The Original Field Notes of the Survey of the Mining Claim of Consolidated Holding & Trust Co. known as the

SKIBEREAN and SELMA.

from which this plat has been made under my direction, have been examined and approved, and are on file in this Office; and I hereby certify that they furnish such an accurate description of said Mining Claim as will, if incorporated into a patent, serve fully to identify the premises, and that such reference is made therein to natural objects or permanent monuments as will perpetuate, and fix the locus thereof.

I further certify that Five Hundred Dollars worth of labor has been expended or improvements made upon each of said Mining Claims by claimant or its grantors, and that said improvements consist of 5 Cuts, 4 Shafts, 1 Tunnel and 1/2 of Shaft No. 6 on the Skiberean lode, total value \$1345.

that the location of said improvements is correctly shown upon this plat, and that no portion of said labor or improvements has been included in the estimate of expenditures upon any other claim.

And I further certify that this is a correct plat of said Mining Claim made in conformity with said original field notes of the survey thereof, and the same is hereby approved.

U.S. Surveyor General's Office. Frank H. Lytle

Phoenix, Arizona, U.S. Surveyor General for

October 11, 1910. ARIZONA.

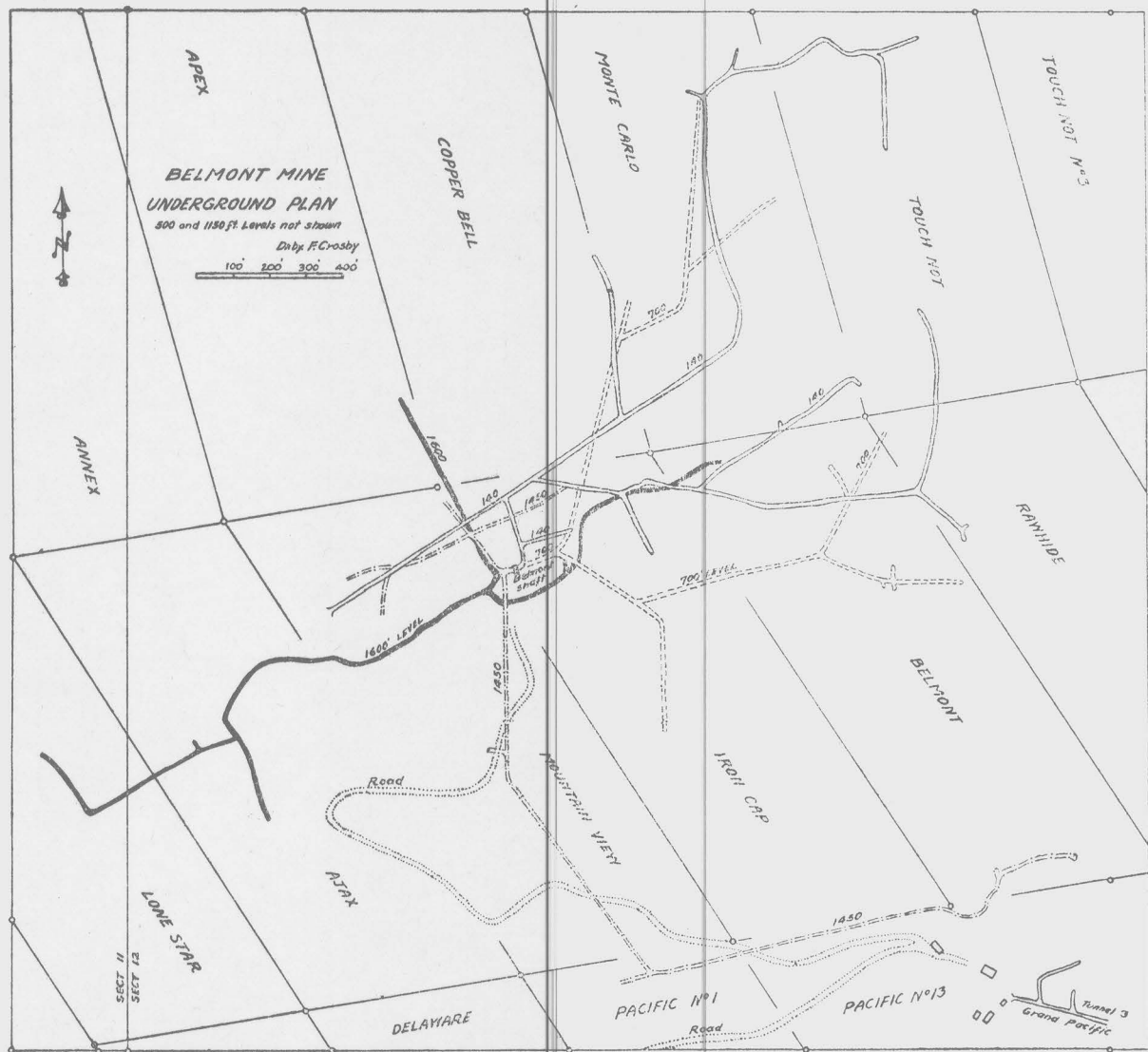


Plate XXXIV.—Composite level map, Belmont mine.

CLAIMS LOCATED

Pacific No. 1 January 18, 1911.
Grand March 18, 1919.
Pacific No. 7 Amended March 14, 1919.
Pacific No. 13 Amended March 14, 1919.
Pacific No. 19 Amended March 14, 1919.
Pacific No. 25 Amended March 17, 1919.
Pacific No. 32 Amended March 17, 1919.

Amt deposited \$35
Cost of O.W. & S. 71.
Unearned Amt 14.

T.2 S., R.12 E. R.13 E.

Claim Located See Table

Mineral Survey No. **3581**

Lot No.

Arizona

Land District.

PLAT

OF THE CLAIM OF
Grand Pacific Copper Company

KNOWN AS THE

PACIFIC NO. 1, PACIFIC NO. 7, PACIFIC NO. 13,
PACIFIC NO. 19, PACIFIC NO. 25, PACIFIC NO. 32
and GRAND Lodes

IN Pioneer MINING DISTRICT,

Final COUNTY, Arizona

Containing an Area of _____ Acres.

Scale of 400 Feet to the inch.

Variation 14° 00' E.

May 1-16, 1919.

SURVEYED

BY

Edward L. Haff

U.S. Deputy Mineral Surveyor,

The Original Field Notes of the Survey of the Mining Claim of
Grand Pacific Copper Company

known as the

PACIFIC NO. 1, PACIFIC NO. 7, PACIFIC NO. 13,
PACIFIC NO. 19, PACIFIC NO. 25, PACIFIC NO. 32,
and GRAND Lodes

from which this plat has been made under my direction,
have been examined and approved, and are on file in this Office,
and I hereby certify that they furnish such an accurate description
of said Mining Claim as will, if incorporated into a patent,
serve fully to identify the premises, and that such reference is
made therein to natural objects or permanent monuments as
will perpetuate and fix the locus thereof.
I further certify that Five Hundred Dollars worth of labor has
been expended or improvements made upon said Mining Claims
by claimant or its grantors and that said improvements consist of 18 cuts, 9 tunnels, 5
shafts, 7 drifts, 3 crosscuts, 1 station, 1
winze and 1 raise, total value \$70,386, of which
\$45,000 is reserved for claims not in this survey
that the location of said improvements is correctly shown
upon this plat, and that no portion of said labor or improve-
ments has been included in the estimate of expenditures
upon any other claim.
And I further certify that this is a correct plat of said Mining
Claim made in conformity with said original field notes of the
survey thereof, and the same is hereby approved.

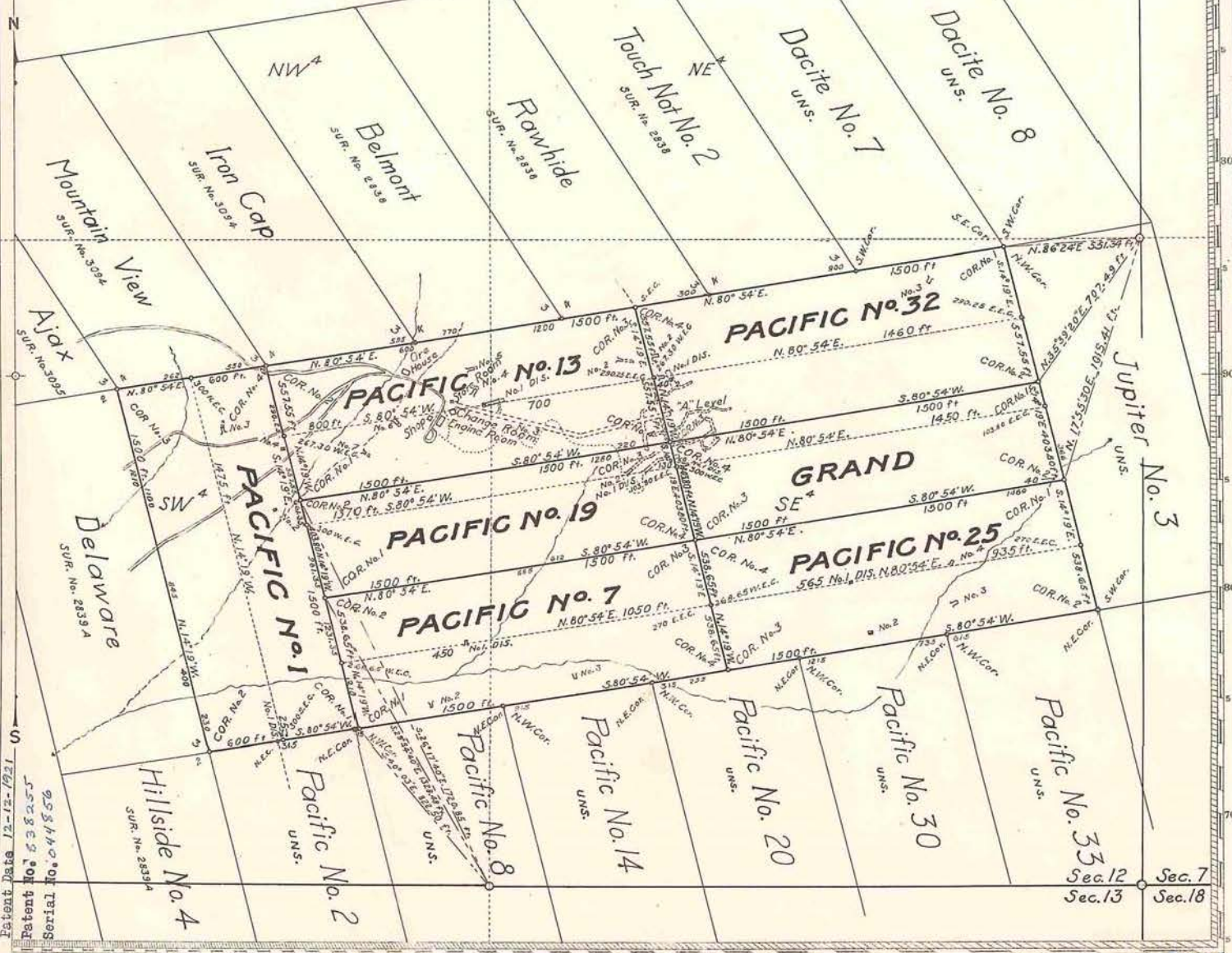
U.S. Surveyor General's Office.

Phoenix, Arizona

October 27, 1919.

U.S. Surveyor General for

ARIZONA



Patent Data 12-12-1921
Patent No. 338255
Serial No. 3581

Patented

APPENDIX J

RÉSUMÉS

Project Role and Responsibilities:

WestLand Resources, Inc., Principal QA/QC

Special Expertise:

- Large Water System Master Planning
- Well Design and Permitting
- Environmental Site Assessments
- Reservoir Design and Analysis
- Arsenic Treatment Design
- Water System Modeling and Pipe Network Analysis
- Water Pumping Facility Design and Permitting
- Sewer Basin Studies
- Potable/Reclaimed Water Main Extensions
- Water and Wastewater Treatment Design
- Infrastructure Route Studies
- Potable/Reclaimed Water System Planning
- Sewer and Reclaimed Water System Master Planning

Education:

- M.B.A., University of Arizona
- B.S., Civil Engineering, University of Arizona

Civil Engineering Registration:

- Arizona #22999, 1989
- California #44219, 1989
- Nevada #09281, 1991
- New Mexico #14546, 1999

Memberships:

- Board Member - Citizen's Water Advisory Committee to the City of Tucson
- Finance Subcommittee Member - Citizen's Water Advisory Committee to the City of Tucson

Background:

Mr. Taylor has over 25 years of experience in water resources wastewater engineering, and remediation systems including the design of systems for public works projects, master-planned communities, large commercial and retail centers, and the mining industry. He is responsible for the development of water system master plans; well, reservoir, booster station, and transmission main design; water treatment and arsenic treatment design; and the assessment of rates and development impact fees as well as wastewater master plan preparation, feasibility studies, system modeling and simulation, and capacity analyses; the design of wastewater treatment plants/disposal facilities, sewer infrastructure, lift stations and force mains, septic systems, and wetlands; and permit application, including aquifer protection permits, reclaimed water reuse permits, Arizona Pollutant Discharge Elimination System permits, recharge basin permits, and 208 plan amendments for private and municipal clients.

During the last 12 years, Mr. Taylor has served as Principal-in-Charge for WestLand's multi-disciplinary water and wastewater infrastructure projects, providing project management, design and technical supervision, project scheduling, and budget oversight. His plans and contract documents are technically accurate, buildable, and operationally efficient, leading to few, if any, change orders during construction.

Selected project experience includes:

Various Phase I Environmental Site Assessments. Performed and managed multiple Phase I Environmental Site Assessments at various locations in Arizona and acted as principal reviewer for technical reports. Experience includes site reconnaissance and characterization, environmental record sources review, personal interviews, and aerial photograph and topographical map interpretations. Elective sites generally exhibit little evidence of environmental liabilities with some wildcat dumping and numerous housekeeping issues of *de minimis* importance.

Tucson Water Dove Mountain 3.0-MG C-Zone Reservoir and D-Zone and E-Zone Booster Stations; Pima County, Arizona; Cottonwood Properties.

As part of Tucson Water's regional planning efforts, Mr. Taylor served as Project Manager for the design of water infrastructure in support of the Dove Mountain development and other properties located at the intersection of Tangerine and Thornydale Roads. Consulting services for the 3.0-MG cast-in-place, hopper-bottom, reinforced-concrete, in-ground reservoir and two onsite

booster stations included project management and coordination; surveying services; geotechnical investigation; corrosion monitoring design; structural engineering; civil engineering, site, and pipeline design; and landscape services. The new reservoir provides floating storage to the Tucson Water C-Zone and forebay storage capacity to both the onsite D- and E-Zone

Mark F. Taylor, P.E.

booster stations. Civil engineering services included plans, specifications, and construction drawings for the booster station design, booster station piping layout, hydropneumatic tank and air compressor, reservoir piping, and valve vault equipment layout. The project was constructed per Tucson Water standards.

Dove Mountain Reclaimed Water Master Plan; Pima County, Arizona; Cottonwood Properties; Principal-in-Charge of the preparation of the Dove Mountain Reclaimed Water Master Plan, an update to the Reclaimed Water Master Plan for the Tortolita Mountain Properties Basin that had been prepared for approximately 1,800 acres within the Dove Mountain community and included two golf courses. WestLand's revised master plan incorporated the entire 5,600-acre community with provisions for up to five 18-hole golf courses. The Dove Mountain project is served by Tucson Water's Thornydale reclaimed water reservoir and booster station. In accordance with Tucson Water's pressure and velocity requirements, WestLand performed hydraulic modeling for each of the various phasing scenarios to determine the best phasing of construction for the proposed reclaimed water system infrastructure buildout.

Sahuarita Water Company Arsenic Treatment Design; Sahuarita, Arizona; Sahuarita Water Company. Principal-in-Charge of water system planning and design for the Sahuarita Water Company's centralized arsenic treatment facility and transmission system. WestLand coordinated with Layne Christensen in the preparation of the design drawings for a new 2,000-gpm Layne Christensen Adsorption Arsenic Treatment facility, providing specifications for the facility, electrical and instrumentation systems, and piping layout and sizing. Deliverables included a treatment system option evaluation, design report, an opinion of probable construction cost, and final plans and specifications. The facility was designed to be expandable for future needs. WestLand also provided construction bidding services for this project.

Las Quintas Serenas Water Company Arsenic Treatment and Well Site Upgrades; Green Valley, Arizona; Las Quintas Serenas Water Company. Principal-in-Charge of the design of arsenic treatment and water plant upgrades for Well Nos. 6 and 7. These included an iron media adsorption arsenic treatment system, a 400,000-gallon storage tank, and a 1,250-gpm variable-frequency-drive (VFD) transfer booster station. A new 2,500-lineal foot, 8-inch dedicated transmission water main was designed to connect Well No. 7 to the Well No. 6 site. Raw water from either or both wells is treated through the arsenic system at the Well No. 6 site, sent to fill the new tank, and pumped via the transfer booster station into the distribution system. Services provided by WestLand included site layout and grading; site piping and valving layout and sizing; preparation of booster pump and motor design specifications; and hydropneumatic tank design and associated equipment. WestLand prepared the design report, final plans and specifications, and engineer's opinion of probable construction cost.

City of Nogales Arsenic Treatment; Nogales, Arizona; City of Nogales Utilities Department. Principal-in-Charge of the development of design criteria for arsenic treatment at the Meadow Hills Wells Nos. 1 and 3 and Coronado Well No. 1. The Meadow Hills wells pump directly into the water distribution system and fill the existing City of Nogales North Zone storage tank, while the Coronado well pumps to the existing High School storage tank located in the City of Nogales Downtown Pressure Zone. All three wells required arsenic treatment in order to meet the new EPA arsenic standard. Arsenic treatment consisted of a dual-vessel iron-media adsorption system located at each well site.

Northwest CAP Delivery System Preliminary Route Evaluation and Analysis; Northwestern Pima County; Northwest Water Providers. For over a decade, the Flowing Wells Irrigation District, Metropolitan Domestic Water Improvement District, Town of Marana, and Town of Oro Valley have worked collaboratively to develop a sustainable water supply for their customers. This effort has evolved over time to focus on the establishment of a water delivery system to deliver Central Arizona Project water to northwestern Pima County. As part of this effort, Mr. Taylor served as Principal-in-Charge of the

Mark F. Taylor, P.E.

development of a route analysis for the delivery system that would allow for the direct use of CAP water by each partner. The project consisted of three planning/engineering tasks: Task 1 – preliminary route evaluation, screening, and route evaluation matrix preparation; Task 2 – technical evaluation of alternative routes; and Task 3 – final route evaluation. Five potentially feasible routes were reviewed during the preliminary evaluation and screening process, two of which were identified for more detailed study.

Community Water Wells Nos. 10 and 11 Reservoir, Arsenic Treatment, Booster Station, and Transmission Main; Green Valley, Arizona; Community Water of Green Valley. Principal-in-Charge of the design of Community Water Well Nos. 10 and 11 sites, including arsenic treatment facilities, new 300,000-gallon forebay reservoirs, and booster pump stations. The new wells were designed to pump through a Layne Christensen coagulation filtration arsenic treatment process into onsite forebay reservoir. The reservoirs provide treated source water to booster stations that pump through dedicated well transmission mains to fill the Community Water Reservoirs No. 2 and No. 3. WestLand prepared the design report, final plans and specifications, and engineer's opinion of probable construction cost. Services provided by WestLand included site layout and grading; site piping and valving layout and sizing; preparation of well pump, column, and motor design specifications; and hydropneumatic tank design and associated equipment. In addition, several miles of 16-inch water main were designed to transport treated potable water to the Community Water reservoirs.

Oak Creek Water Company No. 1 Water System Master Plan; Sedona, Arizona; Oak Creek Water Company No. 1. Principal-in-Charge of the development of a master plan to address existing system deficiencies and future infrastructure requirements in support of a hook-up fee application with the Arizona Corporation Commission. As part of the preparation of the master plan, WestLand examined water source capacity and quality requirements, storage requirements, pressure requirements, fire flow requirements, water main requirements, land and easement requirements, and required system upgrades to serve proposed future development. WestLand prepared a master plan report and engineer's opinion of probable construction cost.

Red Rock Water Plant No. 1 Nitrate Treatment Plant; Pinal County, Arizona; Red Rock Utilities, LLC. Principal-in-Charge of the design of a nitrate treatment facility to mitigate the tested nitrate concentration of 10 to 12 parts per million at Water Plant No. 1. (The current primary maximum nitrate concentration limit is 10 ppm.) The treatment facility was installed at the discharge of the existing wellhead to treat half the full flow of 800 gpm to an approximate final mixed (half treated, half bypassed) nitrate concentration of 8 ppm. It consists of four steel filtration vessels that contain a chloride form of anion exchange resin media. Nitrate ions are exchanged onto the media releasing chloride ions resulting in a reduced concentration of nitrate in the treated water. The media is then backwashed with a sodium chloride brine solution to remove the nitrate ions and replace them with fresh chloride ions. The spent brine backwash water is sent to a holding tank for continuous low-flow disposal to the public sewer system. The treated water is sent to an existing onsite forebay reservoir.

Project Role:

NEPA and Public Outreach

Special Expertise:

- Mining
- Water Resources
- Solid and Hazardous Wastes
- Environmental Site Assessments
- Manufacturing
- Oil and Gas
- Power
- Health and Safety

Education/Training:

- MA, Environmental Policy and Management, University of Denver, Colorado, 1995
- BA, Philosophy, Humboldt State University, California, 1980
- Additional coursework in hazardous materials management and wetlands science

Affiliations:

- Environmental Auditing Roundtable
- Southern Arizona Environmental Management Society
- Society of Mining Engineers, Tucson Chapter

Background:

Mr. Rife is a Senior Project Manager in the Environmental Services Group. He specializes in regulatory compliance for environmental and engineering projects. Other areas of his expertise include water resources, mining, agriculture, environmental site assessment, underground storage tank investigations, solid and hazardous waste, and health and safety audit services. He has over 20 years of experience in federal and state environmental regulatory programs covering a broad range of business sectors.

Selected Experience:

United Verde Mine, Jerome, Arizona. Mr. Rife managed a Clean Water Act permitting project for site remediation activities required under a Consent Decree for this closed mine property. Technical work conducted by WestLand Resources, Inc. (WestLand) included a biological evaluation, archaeological studies, and a jurisdictional delineation. Mr. Rife completed a Clean Water Act Section 404 Nationwide Permit 38 preconstruction notification and secured authorization for the remediation project on behalf of client. He coordinated agency and client communications, including National Historic Preservation Act Section 106 consultation regarding potential impacts to the Jerome National Historic District.

Morenci Mine, Morenci, Arizona. Mr. Rife was the lead technical author of an Environmental Assessment, in accordance with US Army Corps of Engineers (Corps) requirements for a Clean Water Act Section 404 permit, of a stream diversion project necessary to accommodate mine expansion plans. Mr. Rife also prepared a

Supplemental Report detailing the existing environmental conditions, project, and anticipated project effects at the client's request to support an environmental impact statement-level National Environmental Policy Act (NEPA) evaluation if deemed necessary by the Corps.

Confidential Mine Site, Arizona. Mr. Rife conducted Environmental Site Assessments and Ecological Overview studies for a set of private properties contemplated for purchase by the client in anticipation of a land exchange for targeted public land property. He visited the sites to assess potential for environmental liabilities, compiled environmental setting information to combine with biological data from technical specialists, and authored reports. Mr. Rife also prepared a comprehensive permitting schedule to assist in planning a new underground mine and assisted the client in updating Environmental Management System for the site, using corporate guidelines.

Pinto Valley Mine, Globe, Arizona. Mr. Rife conducted an annual compliance evaluation and revised the site Stormwater Pollution Prevention Plan in accordance with new regulations. He is currently revising the facility's Mine Plan of Operations to consolidate previous authorized and unauthorized uses of Forest System land (Tonto National Forest), as well as proposed new uses, in one comprehensive authorization.

Miami Mine, Miami, Arizona. Mr. Rife has completed several projects at this site. He provided regulatory compliance support for site-wide Aquifer Protection Permit and was co-author of a Groundwater Sampling and Analysis Plan. He updated the site Spill Prevention, Control, and Countermeasures plan, in accordance with

Christopher E. Rife, MA

current regulations, for the numerous on-site aboveground storage tanks. Mr. Rife was also responsible for managing an ongoing habitat-monitoring program required for the Pinal Creek Group, which included invasive species control. He is currently managing a Clean Water Act Section 404 permit project for a new water pipeline from a treatment plant to the mine site.

Newmire Smelter Site, Telluride, Colorado. Mr. Rife managed a permitting project for site remediation activities required under an agreement with the State of Colorado. Technical work conducted by WestLand included a biological evaluation, archaeological studies, jurisdictional delineation, and site revegetation design after closure. Mr. Rife was instrumental in redesigning engineering plans for the remediation effort to avoid impacts to Waters of the United States, thereby avoiding a requirement for authorization under the Clean Water Act Section 404 program.

Satralloy Remediation Project; Steubenville, Ohio. Mr. Rife served as Project Manager for team conducting interim actions at and a remedial investigation/feasibility study (RI/FS) of an abandoned chromium smelter site in eastern Ohio. Assignments have included environmental support in regard to state and federal wetlands and waterways programs, and engineering support for infrastructure improvements to facilitate transportation to the site. Mr. Rife was the task manager for environmental support activities, including compliance with the Clean Water Act Section 404 program and Ohio EPA isolated wetlands permit program. Federal- and state-jurisdictional wetlands and waterbodies are present and may be filled by future project actions. If warranted by planned project activities, a preconstruction notification under Section 404 Nationwide Permit program (NWP 38, Cleanup of Toxic and Hazardous Waste) will be prepared for submittal to the USACE. Mr. Rife oversaw transportation-engineering assignments, including railroad and bridge design, to allow heavy equipment and materials to be transported to and from the site for the RI/FS. *Services provided at previous firm.*

Green Line Light Rail Service Northwest Extension; Cambridge, Somerville and Medford, Massachusetts. Mr. Rife assisted in preparing environmental documents for a mass transit project, including a final Environmental Assessment and Environmental Impact Report, in compliance with NEPA and Massachusetts Environmental Policy Act (MEPA) regulations for the Massachusetts Department of Transportation (MassDOT). The project will extend the existing Green Line subway service from Cambridge approximately 4 miles north to Medford. Working with design engineers and scientists, Mr. Rife prepared responses to comments on draft versions of the documents, and completed technical evaluations of the project's beneficial and adverse impacts to environmental justice and disability populations in compliance with NEPA requirements and Federal Transit Authority guidance. The project was determined to benefit environmental justice populations in the three municipalities through which the new service would pass, and not have a disproportionate adverse effect to those populations. *Services provided at previous firm.*

South Coast Rail Commuter Rail Extension; Fall River and New Bedford, Massachusetts. Mr. Rife completed technical evaluations of a MassDOT transit project's beneficial and adverse impacts to environmental justice populations, public open spaces, the visual environment, land use, and the social and economic environment in compliance with NEPA and MEPA regulations and guidance. The project proposes to extend commuter rail service from Boston approximately 50 miles south to Fall River and New Bedford. The technical evaluations were used by the USACE to prepare a Draft Environmental Impact Statement (DEIS) and Draft Environmental Impact Report (DEIR) in 2009. Mr. Rife updated these evaluations in 2012 and 2013 to support the USACE's preparation of a Final Environmental Impact Statement (FEIS) and Final Environmental Impact Report (FEIR), published in October 2013. For the FEIS/FEIR, Mr. Rife also assisted in preparing a technical evaluation of the project's impacts to biodiversity and prepared responses to comments on the DEIS/DEIR. The project was determined to benefit environmental justice populations in the ten communities through which the project would pass, and not have a disproportionate adverse effect to those populations. The project's impacts to other resources would vary by alternative. The project is expected to be bid for final design in 2014. *Services provided at previous firm.*

Project Role and Responsibilities:

*Environmental Planner
Project Manager*

Special Expertise:

- *Phase I and II Environmental Site Assessments, Preliminary Initial Site Assessments*
- *National Environmental Policy Act*
- *Scoping & Public Participation*
- *Public Disclosure/Public Reports*
- *Clean Water Act*
- *Endangered Species Act*
- *Riparian Habitat Evaluation*

Education/Training:

- *B.S., Regional Development, Cum Laude, University of Arizona*
- *ASTM Phase I and Phase II Environmental Site Assessments for Commercial Real Estate*
- *National Environmental Policy Act Compliance Workshop (EA/EIS)*
- *National Storm Water Quality Workshop*
- *Mine Safety and Health Administration Certification*

Professional Affiliations:

- *American Planning Association*
- *ASTM Committee E50 on Environmental Assessment, Risk Management and Corrective Action*

Background:

Ms. Shiel is an environmental planner with experience in permitting and regulatory compliance related to the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) and Water Quality Assurance Revolving Fund (WQARF), National Environmental Policy Act (NEPA), Clean Water Act (CWA), Endangered Species Act (ESA), City of Tucson environmental resource policy and other federal, state, and local programs. Ms. Shiel's experience with environmental law began in her coursework studies including Natural Resources History and Policy, Water Resources Policy and Law, Land Development Processes, and Field Studies in Environmental Geography. Prior to joining Westland, Ms. Shiel gained experience working as an intern for the Arizona Department of Water Resources and then spent three years with a national homebuilder where she was responsible for assisting in due diligence research and land acquisitions and entitlement for master planned communities in southern Arizona.

Since joining WestLand, Ms. Shiel has assisted in the completion of numerous Phase I Environmental Site Assessments (ESAs) for various property types pursuant to ASTM standards E1527-05 and E2247-08. She has also completed Preliminary Initial Site Assessments (PISAs) for public roadway projects prepared in accordance with Arizona Department of Transportation/ Federal Highway Administration requirements and Environmental Assessment and Mitigation Reports (EAMRs). Ms. Shiel has completed ASTM technical and professional training for Phase I and II ESAs. WestLand's ESA team routinely receives compliments from clients and regulators regarding our professionalism and the consistent quality of our work product.

Her experience with the NEPA process and other federal environmental planning requirements includes resource studies, community development assessment, scoping and public participation, alternatives analyses, and keeping the administrative record. Ms. Shiel has completed professional training workshops for writing Environmental Impact Statements, Environmental Assessments, and Finding of No Significant Impact documentation.

Her experience in obtaining CWA Section 404 and 401 permit authorization includes residential and commercial property development; linear transportation projects for railroad, roadway, and utility extensions; bank stabilization projects; mine expansions; emergency discharges; and hazardous and toxic waste cleanup. She has completed jurisdictional delineations (JDs), and secured regional general permits (RGPs), nationwide permits (NWP), and individual permits (IPs) from the US Army Corps of Engineers.

Ms. Shiel has supported local developers in meeting the requirements pertaining to City of Tucson environmental resource policies including floodplain, W.A.S.H. and E.R.Z. standards. She has worked with the Office of Conservation and Sustainable Development and managed the process for obtaining development standard modification requests, overlay zoning, and Stormwater Advisory Committee approvals. She has also completed multiple biological evaluations for threatened and endangered species and critical habitat in Cochise, Gila, Graham, La Paz, Maricopa, Pima, and Pinal counties.

Diana L. Shiel, M.A.

Selected Experience:

- Prepared numerous Phase I ESA reports for the Pima County Department of Environmental Quality also considering non-scope items, classified as outside the standard practice including: potential asbestos-containing building materials, potential lead-based paint, health and safety concerns, high-voltage power lines, and ecological resources.
- Completed Phase I ESAs for linear transportation projects involving potential real estate transactions including the Town of Marana's project replacing the Ina Road bridge crossing over the Santa Cruz River and the Pima County's Department of Transportation's roadway improvement project along Tanque Verde Road between Catalina Highway and Houghton Road.
- Completed several PISAs in anticipation of ADOT funding including the Town of Marana's project to improve Tangerine Road between Interstate-10 and La Canada, a project crossing into multiple jurisdictions including Pima County and the Town of Oro Valley; and the Town of Sahuarita's project replacing the Pima Mine Road bridge crossing over the Santa Cruz River.
- Completed Phase I Environmental Site Assessment and provided housekeeping recommendations including Spill Prevention, Control and Countermeasure (SPCC) Plan for confidential car-dealership and auto body repair shop in Tucson, Arizona.
- Prepared Pollution Prevention Analysis and Plan (P2 Plan) for confidential mining client to minimize hazardous wastes being generated by the facility in accordance with Arizona Department of Environmental Quality (ADEQ) requirements.
- Assisted in obtaining Individual Section 404 permit authorization for Pima County Regional Flood Control District's bank stabilization project along the Pantano Wash between Speedway Boulevard and Tanque Verde Road. Work included preparation of the 404 and 401 applications, draft public notice, and 404(b)(1) Alternatives Analysis.
- Worked closely with project engineers, hydrologists, and legal counsel to authorize Individual Section 404 Permit for the ASARCO-Elder Gulch project in Pinal County. Work included historical research; title and survey research; preparation of 404 and 401 applications, the draft public notice, biological evaluation, and mitigation plan.
- Acted as third party contractor to the Tonto National Forest maintaining the Resolution Pre-feasibility Activities Plan of Operations project file and prepared the administrative record. Managed Microsoft Access databases and indices of all project files; coordinated closely with interdisciplinary team to collect appropriate documentation for project decisions; identified records for redaction; and assisted in providing timely public comment and Freedom of Information Act (FOIA) responses.
- Completed community strategy evaluation for confidential project in southern Arizona. Reported on community stakeholders; identified opportunities for public and private collaboration; conducted social baseline studies including demographic characterizations for impacts evaluations; researched the availability of existing public services and infrastructure; and reviewed relevant land use restrictions and comprehensive plans.
- Conducted special status species evaluation for confidential mining client encompassing approximately 100,000 acres (156 square miles) in Pima County. This evaluation considered species listed by the US Fish and Wildlife Service (USFWS) under the Endangered Species Act and approximately 100 other species with potential to be listed in the future including species listed as Sensitive by the Bureau of Land Management (BLM), State of Arizona Species of Special Concern, Priority Vulnerable Species identified in the Sonoran Desert Conservation Plan website, and species identified by the International Union for Conservation of Nature and Natural Resources (IUCN) on the Red List of Threatened Species.
- Conducted riparian habitat assessment and completion of the Environmental Resource Report (ERR) for the El Rio Health Center Development in Tucson. The El Rio Health Center Development occurs along a W.A.S.H. designated watercourse. Ms. Shiel secured Development Services environmental policy approvals in compliance with Development Services Department (DSD) Full Notice Procedure (Chapter 23A-50 and 51) which required public coordination, overlay zone approval, and Stormwater Advisory Committee (SAC) authorization.

Project Role:

Field Director

Education:

- *BA, Anthropology, University of Arizona*
- *Summer 2000–University of Arizona Archaeological Field School, Mogollon Rim Region, Arizona*
- *Minor in Spanish*

Volunteer Experience:

- *Ground Stone Analyst (December 1997–December 2000); Homolovi Research Program, Arizona State Museum (ASM), Tucson, Arizona*

Background:

Mr. Buckles has served as a field director at WestLand since 2005 and has 15 years of archaeological field and archival research experience in the American Southwest. He has directed Class III surveys ranging in size from a few acres to 22,000 acres. He has also directed the excavation of a series of late 19th and early 20th century mining camps throughout Arizona and is an accomplished archival researcher and historic artifact analyst.

Selected Experience:

Lone Star Phase II Data Recovery Project; Safford, Graham County, Arizona; Freeport-McMoRan Safford Inc. Field director for archaeological data recovery at five historical mining sites in the Lone Star mining district near Safford. The historical sites are part of a group of underground and surface mines clustered around the old Lone Star mine, the namesake of the district and the location of the first prospecting and copper mining activities in the Gila Mountains during the late 1870s and early 1880s. The most noteworthy project site was the Lone Star mine and associated mining camp, while the other sites

were, for the most part, related prospects and smaller mines. The data recovery project focused on the excavation of the mining camp features, although every mine, prospect, and ancillary mining feature was recorded in detail. Mr. Buckles performed all archival research for the project, interviewed an elder who visited the mine in the 1940s, analyzed most of the artifact collection, and wrote the final report.

Silver Basin Phase II Data Recovery Project; Clifton-Morenci, Greenlee County, Arizona; Freeport-McMoRan Morenci Inc. Field director for archaeological data recovery at 11 historic- and prehistoric-era sites near Clifton-Morenci. Site types included early 20th century goat herder camps, mining sites spanning the period from 1890 to 1950, prehistoric lithic quarries, Mogollon resource-processing sites, and possible Apache habitation sites. Data recovery included the excavation of a wide variety of feature types, from historical dwellings to prehistoric roasting pits and possible Apache *gowas*. Archival research and oral interviews with Clifton elders also played a large role in the project and helped shape our understanding of historical land-use in Clifton-Morenci. The project also shed light on prehistoric land-use, specifically the procurement and processing of natural resources away from large riverine settlements. Mr. Buckles performed all archival research for the project, interviewed several elders, analyzed most of the artifact collection, and wrote the final report.

Silver Bell Phase II Data Recovery Project; Pima County, Arizona; Silver Bell Mining, LLC. Field director for data recovery at two historical hardrock mining sites in the Silver Bell mining district. Taken together as a late 19th to early 20th century mine-industrial unit, the sites included underground mines, residential features and associated refuse deposits, blacksmith forges, and the remains of a lead smelter. During the project, WestLand excavated a sample of the residential features, refuse dumps, and forges and tested the lead smelter. Archaeological feature data, artifact studies, and archival research were combined during the project to provide a rich view of life in the Silver Bell mining district around the turn of the last century. Significantly, WestLand discovered the first bar of lead bullion ever produced in the Silver Bell district, which was won from the smelter on July 13, 1891. Mr. Buckles performed all archival research during the project, including the review of hundreds of historical newspaper articles, analyzed the artifacts, and wrote the final report.

Sahuarita Lime Kiln Phase II Data Recovery Project; Sahuarita, Arizona; ASARCO. Field director during the data recovery of an early 20th century lime kiln site near Sahuarita. The data recovery program included the detailed recording and collection of all surface artifacts, the recording of several limestone quarry pits, and the excavation of the lime kiln and an associated fire ring. Following fieldwork, Mr. Buckles performed historical research on the use and production of quicklime in Arizona, historical land-use in Sahuarita, and the lime kiln itself. Period documents pertaining to the Sahuarita lime kiln were identified, and Mr. Buckles wrote a final report that integrated the results of fieldwork, artifact analysis, and archival research.

Phase II Data Recovery at the University of Arizona Science and Technology Park; Tucson, Arizona; University of Arizona. Field Director responsible for data recovery at seven prehistoric resource-processing sites in the central Tucson Basin. During data recovery, the sites were surface-collected and a 50 percent sample of the fire-affected rock features (over 40 features) was excavated. A ramada-like feature at one of the sites and an Archaic period component at another site were also investigated. The project helped shed light on prehistoric resource utilization and travel from the Tucson Basin eastward to the San Pedro River. Mr. Buckles performed in-field analysis of all ground stone artifacts during the project.

Phased Data Recovery at the Dairy Site; Marana, Arizona; Town of Marana. Field director for archaeological testing and data recovery at a portion of the Dairy site prior to the widening of Cortaro Farms Road. Phase I data recovery entailed the excavation of 19 backhoe trenches in order to locate deeply buried cultural deposits dating to the Late Archaic San Pedro phase. Numerous features were identified, and Phase II consisted of the mechanical stripping of 1,352 m² and the excavation of 102 features, including pithouses, aboriginal use-surfaces, storage pits, and cooking pits. In addition, 10 Historic period trash pits related to early 20th century farming were identified and excavated. Mr. Buckles co-wrote the report and performed archival research on historical farming and land-use in Marana.

Phased Data Recovery at the Mescal Wash Site; Pima County, Arizona; Union Pacific Railroad. Field director for archaeological testing and data recovery at the Mescal Wash site. Over the course of the project, WestLand archaeologists excavated 1,434 linear meters of backhoe trenching and mechanically removed the overburden across 7,833 m² (1.94 acres) of the site area, exposing 164 archaeological features. Excavated feature types included pithouses, cooking features, trash mounds, and burials ascribed to the prehistoric Dragoon culture of southeastern Arizona. Mr. Buckles co-wrote the final report, including contributions to descriptive and synthesis chapters.

Phase I Data Recovery at Willow Ridge; Marana, Arizona; CPE Development. Field director for nature-and-extent testing at a prehistoric site in Marana. During the testing project, backhoe trenches were excavated throughout the project area and several deeply buried Late Archaic features were located. This early aspect of the site had never been identified during previous recordings, and the subsequent Phase II data recovery project provided significant data on the Late Archaic occupation of the Tucson Basin.

Phase I Archaeological Testing at 13 Archaeological Sites at Quail Creek; Sahuarita, Arizona; Robson Homes. Field director during testing and limited data recovery at 13 prehistoric sites, most of which dated to the Hohokam period. During the testing project, WestLand collected surface artifacts and excavated deep backhoe trenches and shallow stripping units to identify subsurface features and deposits. Documented feature types included pithouses, cooking features, trash mounds, and cremation burials. All the burials were excavated and repatriated, and several pithouses were sampled during the project. This study and subsequent data recovery program helped shed light on Hohokam settlement and land-use in Sahuarita.

Phase I Archaeological Testing South of Ina Road and East of Silverbell Road; Marana, Arizona; Silverbell Ina Limited Partnership II. Field director for the archaeological testing of a Classic period Hohokam habitation site in Marana. The project area, a 14.29-acre parcel of land, was tested with 165 m of trenching. Significant subsurface deposits, including four pithouses, a possible pithouse, and a pit, were found clustered near three surface trash mounds. All these features appeared to date to the Tanque Verde phase and likely represent a discrete courtyard group. Following testing, WestLand recommended avoidance of the site or Phase II archaeological data recovery.

Phase I Archaeological Testing at the Chicken Ranch Site; Marana, Arizona. Field director for an archaeological testing program at the Chicken Ranch site, a large early Classic period (Tanque Verde phase) village site in Marana. During the project, WestLand excavated a series of shallow stripping units over a broad area to identify subsurface features and deposits. One-hundred and twenty prehistoric surface and subsurface features were identified, including trash mounds, adobe-walled structures, pithouses, extramural pit features, roasting features, cremation burials, and inhumation burials. The testing project provided significant information on the features present at the Chicken Ranch site and will be used during future Phase II data recovery programs at the site.

Project Role and Responsibilities:

Environmental Field Technician

Special Expertise:

- *Special Status Species Survey*

Education:

- *Coursework, Mechanical Engineering, University of Arizona*
- *Associate of Applied Science, Building and Construction Technologies, and Certificate in Carpentry, Pima Community College*

Training:

- *MSHA Surface Mining*
- *OSHA*
- *Certificate in First Aid and CPR*
- *Southwestern Willow Flycatcher Training (May 2012)*

Background:

Mr. Archer is a field-research technician in WestLand's Environmental Services Group. He has extensive field experience conducting special-status species surveys for the cactus ferruginous pygmy-owl (CFPO), burrowing owl, Pima pineapple cactus, Arizona hedgehog cactus, and Coleman's orchids (HECO).

In addition to conducting special-status species surveys, Mr. Archer's experience includes vegetation sampling surveys and archaeology surveys, work on jurisdictional waters delineation projects, taking cuttings from cottonwood trees and willow trees for cloning for later re-vegetation, and exterminating non-native species for riparian restoration.

Selected Experience:

Cactus ferruginous pygmy-owl:

- Freeport-McMoRan

Pima pineapple cactus:

- Quail Creek
- Freeport-McMoRan
- Rosemont
- Caterpillar Proving Grounds

Vegetation inventory:

- Rosemont
- Caterpillar Proving Grounds

Archaeology surveys:

- Caterpillar Proving Grounds

Riparian restoration:

- Pinal Creek

Burrowing owl:

- U of A Tech Park
- South Kino Parkway and East 36th Street

Arizona hedgehog cactus:

- Resolution

Orchid (HECO):

- Rosemont

Jurisdictional waters delineation:

- Rosemont
- Freeport-McMoRan

Project Role and Responsibilities:

Field Biologist

Special Expertise:

- *Stormwater Compliance*
- *Endangered Species Act (ESA) Compliance*

Education:

- *Coursework, Geology, University of Arizona*

Training:

- *International Erosion Control Association Stormwater Training*
- *Continuing Hands-on Field Training for Stormwater Compliance Inspection*
- *Continuing in-office NPDES and AZPDES Training*
- *MSHA Surface Miner*
- *Fundamentals of RCRA*
- *OSHA Confined Space Entry*
- *Safety-Related Work Practices*
- *Certificate in First Aid and CPR*
- *Western Burrowing Owl Training*
- *Arizona-Sonora Desert Museum, Cactus Ferruginous Pygmy-owl Training*

Background:

Mr. Ward is a field/research technician in WestLand's Environmental Services Group. He has extensive field experience conducting stormwater compliance inspections on construction sites under both the National Pollutant Discharge Elimination System (NPDES) and the Arizona Pollutant Discharge Elimination System (AZPDES). Stormwater compliance activities include providing review and update of site Stormwater Pollution Prevention Plans (SWPPPs), conducting inspections of Best Management Practices (BMPs), and providing reports of findings to ensure site compliance with NPDES and AZPDES requirements. He has been performing stormwater compliance inspections since 2001.

In addition to conducting stormwater compliance inspections, Mr. Ward's experience includes observation of project construction and native plant salvage monitoring, and special-status species surveys for the cactus ferruginous pygmy-owl (CFPO), Pima Pineapple Cactus, and Western Burrowing Owl.

Selected SWPPP Project Experience:

- Star Valley
- Heritage Highlands
- The Preserve at Dove Mountain
- Quail Crossing
- Tucson Mountain Sanctuary
- Camino Verde Estates
- Saguaro Ranch Phase
- Starr Pass
- Rancho Vistoso
- Lone Mountain
- Hartman Vista Sycamore Canyon
- Saguaro Crest
- Continental Reserve

Selected CFPO Project Experience:

- BHP Copper Mine Site
- BHP Copper Plant Site
- Lone Mountain
- Rocking K
- Dove Mountain

Selected Construction Monitoring Project Experience:

- Saguaro Ranch
- Dove Mountain