PUBLIC INVOLVEMENT PLAN (PIP)

Air Quality Bureau Air Permit Application

Version 06.02.21

Date: June 10, 2021
Applicant: Freeport-McMoRan Chino Mines Company
Facility Name: Chine Mine
Air Quality Permit Application Number: P066-R3M1
Location: 99 Santa Rita Mine Road, Vanadium, NM 88023; The facility is 3.89 miles northeast of Bayard, Grant County, New Mexico
Latitude: 32.783594 (EJScreen decimal value) Longitude: -108.069194 (EJScreen decimal value)

1. **Overview of Air Quality Bureau's plan of action for addressing the community's needs and concerns for processing Air Quality Permit Applications:**
   The New Mexico Environment Department (Department), Air Quality Bureau (AQB) developed this Public Involvement Plan (PIP) for the processing of air quality permit applications in accordance with the requirements at 20.2.70 NMAC for this facility. This air quality regulation does require public participation outreach throughout different stages of the permitting process. The AQB will meet the public participation requirements by following this PIP, which includes all applicable policy, regulatory and statutory public participation requirements.

   In developing this PIP, community participation needs for this permitting action were assessed to ensure appropriate promotion of public outreach by identifying whether there is a combination of environmental and demographic factors (i.e., low income community, minority community, limited English proficiency individuals, Linguistically Isolated Households, etc.) that may impact public participation. This assessment identifies community outreach needs and provides for public access opportunities above and beyond statutorily mandated requirements, and underscores the provision of adequate public access to information about this permit application.

   As much as possible, public participation and informational activities related to this permit application will be held within the regulatory timelines outlined below.

   a. AQB regulations at 20.2.70 NMAC require that the application must be ruled complete or incomplete no more than 60 days after receipt. The AQB will publish a public notice for this application in a newspaper of general circulation in the area closest to the location of the facility, when the draft permit is issued for comment. See section 4.c below for more information.

      The public notice contains a paragraph in Spanish directing Spanish speaking interested parties to call the AQB at (505) 476-5557 to speak to Spanish speaking staff for additional information regarding this permitting action.

   b. Normally the AQB would provide a copy of the public notice, the air quality permit application, and this PIP to the Silver City NMED field office, but due to current Covid-19 access restrictions for protection of both public employees and the protection of the general public these materials are instead available on the NMED website (see section 2.a).

c. AQB regulations require that the public notice be sent to interested parties maintained on a mailing list. See Section 4.b below for more information.

d. AQB regulations require that the public notice be sent to the "affected programs" as defined at 20.2.70 NMAC. See Section 4.e below for more information.

e. In accordance with the evaluation of the site location and associated demographics, no additional means for disseminating information are planned at this time.

f. Public notice shall be followed by a 30-day public comment period that starts on the day that the notice is published in the newspaper. See Section 4.g below for details.

g. AQB regulations require that the permit must be issued, issued subject to conditions, or denied within nine (9) months] after the department deems the application administratively complete.

2. Contact list of AQB staff with phone numbers and email addresses:

a. AQB contact for questions about this application or PIP (included in public notices and outreach materials):

Joseph Kimbrell
New Mexico Environment Department
Air Quality Bureau
525 Camino de los Marquez, Suite 1
Santa Fe, New Mexico, 87505
505-476-4347
Joseph.Kimbrell@state.nm.us

Electronic copies will be available at the following link, which will be included in public notices and outreach materials as appropriate: https://www.env.nm.gov/air-quality/aqb-p_current_permitting_activites/

b. Non-English Language Speaker Assistance and Accommodations

The AQB may hold public meetings, open houses, stakeholder meetings, and/or a formal hearing depending on the interest in the application. Language assistance services may be arranged for translation of documents for meetings, for translators during meetings and for obtaining services for persons with disabilities. A phone-based interpretation service may be available for languages other than English.

3. Description of the community/stakeholder groups:

To provide for adequate public participation opportunities and meaningful involvement of persons regarding this permit application and to address potential or existing environmental justice areas, the affected communities must first be identified, informed about proposed environmental actions affecting the community, and invited to share their comments and concerns. The EJSCREEN tool developed by the U.S. Environmental Protection Agency (EPA) helps identify communities that are low income and minority populations that may benefit from a variety of approaches for notification and outreach communication.

The demographics below are based on a 12-mile radius around the facility (circle on map) as well as a lower area of tailing ponds connected with the facility. The results of the EJScreen ACS Summary Report (attached) are listed in the table below. [https://ejscreen.epa.gov/mapper/]

Population and Income Data				
Total Population:	16,411		Per capita income of community (2014-2018):	$22,508
People of Color Population, %:	61		US Per Capita Income*:	$34,103
Total number of households:	6,736		Total Number (and Percent) of Linguistically Isolated Households:	119 (1.8%)

*US Per Capita Income 2015-2019; https://www.census.gov/quickfacts/fact/table/US/INC910219

Population by Race, %			Population by Ability to Speak English, %	
White	93		Speak Only English	69
Black	1		Non-English at Home	31
American Indian	3		Speak English "very well"	28
Asian	0		Speak English "well"	2
Pacific Islander	0		Speak English "not well"	1
Some Other Race	1		Speak English "not at all"	0
Two or More Races	2		Speak English "less than very well"	3

Linguistically Isolated Household Details, %			List other Languages (if applicable)
Speak Spanish	100		//
Speak Other Indo-European Languages			
Speak Asian Pacific Island Languages			
Speak Other Languages			

In addition, the following community or stakeholder groups have been identified:

Allyson Siwik, Executive Director
Gila Resources Information Project
305A N. Cooper St.
Silver City, NM 88061

History of public involvement in air permitting during the last 10 years: none.

It is important for the AQB to incorporate the linguistic and communication needs of this community when conducting public outreach and participation activities. To help accomplish this, the AQB will provide information in English, in public comment notices, public meeting notices (if applicable), and other announcements (radio broadcasts, brochures, signs, postcards, etc.) and strive to make public participation efforts as inclusive as possible within AQB budget and time limitations. Under normal circumstances the Silver City NMED Field Office would serve as an access area for the AQB to leave hard copies of important documents and information about how to comment on this permit application, but due to Covid-19 restrictions to protect both the general public and public employees, materials will not be available in hard copy, but can be found on the AQB webpage (see Section 2.a above).

4. Detailed actions and outreach activities the AQB Permitting Section will take to reach the affected public:

a. Overview

Based on the demographics report discussed in the PIP, the history of public involvement at the facility and the facility background, basic information about public involvement opportunities will be in English. This information will include how to request materials in Spanish or to speak with AQB staff through an interpreter. Further details about public participation for this activity are outlined below.

The AQB maintains information regarding this air quality permit application at the following locations:

i. **On the Air Quality Bureau website, see Section 2.a above. [Due to Covid-19 restrictions materials will not be available at ii and iii below but will be available on the website]:**
ii. **At the District Office listed in Section 1.b above.**
iii. **At the main office location:**
New Mexico Environment Department
Air Quality Bureau
525 Camino de los Marquez, Suite 1
Santa Fe, New Mexico, 87505

b. Postal Mailing or E-Mailing of Notices to Persons on the Facility-Specific Mailing List

AQB regulations require notification to persons who have expressed interest in applications. The AQB maintains a mailing list that includes individuals interested in permit applications from particular facilities or geographic areas. Notifications may be sent through physical mail and/or an email.

The list also includes addresses of states, local air pollution control programs, and Indian tribes and pueblos, that are within 50 miles of the source.

c. Notices in the State Newspaper and Local Newspapers

The public notice for this permit application will be published in English in the Legal Section of the Silver City Daily Press newspaper.
Website for this publication is: Silver City Daily Press: English: http://www.scdailypress.com/

d. Mailing to the Governor or President of Indian Tribes, Pueblos or Nations

AQB regulations and the evaluation of the facility location and associated demographics, require notification to Tribes, Pueblos or Nations about this permit application for facilities located within a specified distance.

There are no Tribes, Pueblos, or Nations within 50 miles of this facility.

e. Affected Local, State, or Federal Government Agencies, and Active Land Grants

AQB regulations require identifying and notifying local, state or federal government agencies about this permit application.

The following affected Local, State, or Federal Government Agencies will be notified by email:
US EPA Region VI, Elizabeth (Mary) Layton at r6airpermits@epa.gov & layton.mary@epa.gov

Forestry Service, USDA Anita Rose - <anita.rose@usda.gov>, Class I Gila Wilderness Area

Colonias: Hanover; Santa Rita; Bayard; and Vanadium located within a 4-mile radius of the facility.

f. Public Meeting Notices, Public Comment Notices, and Other Notices

AQB may hold public meetings, open houses, stakeholder meetings, and/or a formal hearing depending on the interest in the application. Based on historical information and the results of the initial screening, there is no public meeting planned at this time for this permit application. If it is determined that a public meeting will be required, notice will be provided to the community as follows:

1) Via a newspaper of general circulation in the area closest to the location of the facility.
2) Locations commonly frequented by the general public, such as a nearby post office, public library, or city hall.
3) All persons and organizations that have expressed interest and are on a list maintained by AQB.
4) Via a public service announcement to at least one radio or television station which serves the municipality or county in which the source is or is proposed to be located.
5) The notices will be translated for non-English speaking participants, if required.
6) The notices will include information for requesting accommodations for those with disabilities as listed in item 2b above.

AQB will locate an appropriate venue based on the availability to the community to access the meeting, and the specific needs of the affected community (e.g. size of community, community locations, impacts, etc.).

AQB may reschedule the meeting due to inclement weather. If rescheduled, AQB will provide as much advance notice as possible and reschedule for an appropriate time and date.

Meetings will be scheduled to make them as accessible and user-friendly as practical, considering work schedules, dinner hours and other community commitments. To the extent possible, the meeting will be held at a location that is local and convenient, and meet American with Disabilities Act (ADA) standards. In addition, whenever practical and appropriate, translators for limited-English speaking communities, or assistance for hearing-impaired individuals may be available. Information in public notices for a public meeting will adhere to AQB regulations, statutes and policies.

g. Public Comment Periods

AQB regulations require that thirty (30) days shall be provided for public and affected program comment on the draft permit.

The PIP has been reviewed and approved by the AQB Bureau Chief.

Joseph Kimbrell Digitally signed by Joseph Kimbrell Date: 2021.06.16 14:29:41 -06'00'

For Liz Bisbey-Kuehn
Bureau Chief
Air Quality Bureau

Date approved

Attachments: EJSCREEN Printout

EJSCREEN ACS Summary Report

Location: User-specified point center at 32.783594, -108.069194
Ring (buffer): 12-miles radius
Description: Chino Mine, 12 mile radius

Summary of ACS Estimates	2014 - 2018
Population	16,411
Population Density (per sq. mile)	35
People of Color Population	9,990
% People of Color Population	61%
Households	6,736
Housing Units	8,220
Housing Units Built Before 1950	1,254
Per Capita Income	22,508
Land Area (sq. miles) (Source: SF1)	474.88
% Land Area	100%
Water Area (sq. miles) (Source: SF1)	0.78
% Water Area	0%

	2014 - 2018 ACS Estimates	Percent	MOE (±)
Population by Race			
Total	16,411	100%	663
Population Reporting One Race	16,138	98%	1,168
White	15,303	93%	634
Black	175	1%	120
American Indian	415	3%	208
Asian	21	0%	47
Pacific Islander	4	0%	12
Some Other Race	220	1%	147
Population Reporting Two or More Races	273	2%	128
Total Hispanic Population	9,317	57%	468
Total Non-Hispanic Population	7,095		
White Alone	6,421	39%	483
Black Alone	149	1%	120
American Indian Alone	356	2%	195
Non-Hispanic Asian Alone	15	0%	45
Pacific Islander Alone	4	0%	12
Other Race Alone	17	0%	23
Two or More Races Alone	133	1%	84
Population by Sex			
Male	8,115	49%	381
Female	8,296	51%	420
Population by Age			
Age 0-4	1,069	7%	167
Age 0-17	3,719	23%	338
Age 18+	12,693	77%	534
Age 65+	3,982	24%	295

Data Note: Detail may not sum to totals due to rounding. Hispanic population can be of any race.
N/A means not available. **Source:** U.S. Census Bureau, American Community Survey (ACS) 2014 - 2018 .

EJSCREEN ACS Summary Report

Location: User-specified point center at 32.783594, -108.069194
Ring (buffer): 12-miles radius
Description: Chino Mine, 12 mile radius

	2014 - 2018 ACS Estimates	Percent	MOE (±)
Population 25+ by Educational Attainment			
Total	11,362	100%	449
Less than 9th Grade	711	6%	157
9th - 12th Grade, No Diploma	974	9%	162
High School Graduate	2,908	26%	257
Some College, No Degree	3,788	33%	305
Associate Degree	969	9%	158
Bachelor's Degree or more	2,981	26%	291
Population Age 5+ Years by Ability to Speak English			
Total	15,343	100%	610
Speak only English	10,538	69%	506
Non-English at Home[1+2+3+4]	4,805	31%	395
[1]Speak English "very well"	4,328	28%	391
[2]Speak English "well"	257	2%	99
[3]Speak English "not well"	150	1%	57
[4]Speak English "not at all"	69	0%	42
[3+4]Speak English "less than well"	219	1%	62
[2+3+4]Speak English "less than very well"	476	3%	114
Linguistically Isolated Households*			
Total	119	100%	43
Speak Spanish	119	100%	41
Speak Other Indo-European Languages	0	0%	17
Speak Asian-Pacific Island Languages	0	0%	17
Speak Other Languages	0	0%	17
Households by Household Income			
Household Income Base	6,736	100%	278
< $15,000	1,242	18%	189
$15,000 - $25,000	1,034	15%	150
$25,000 - $50,000	1,906	28%	214
$50,000 - $75,000	1,028	15%	143
$75,000 +	1,527	23%	221
Occupied Housing Units by Tenure			
Total	6,736	100%	278
Owner Occupied	4,692	70%	257
Renter Occupied	2,043	30%	216
Employed Population Age 16+ Years			
Total	13,108	100%	538
In Labor Force	6,746	51%	463
Civilian Unemployed in Labor Force	587	4%	133
Not In Labor Force	6,361	49%	362

Data Note: Datail may not sum to totals due to rounding. Hispanic population can be of anyrace.
N/A means not available. **Source:** U.S. Census Bureau, American Community Survey (ACS)
*Households in which no one 14 and over speaks English "very well" or speaks English only.

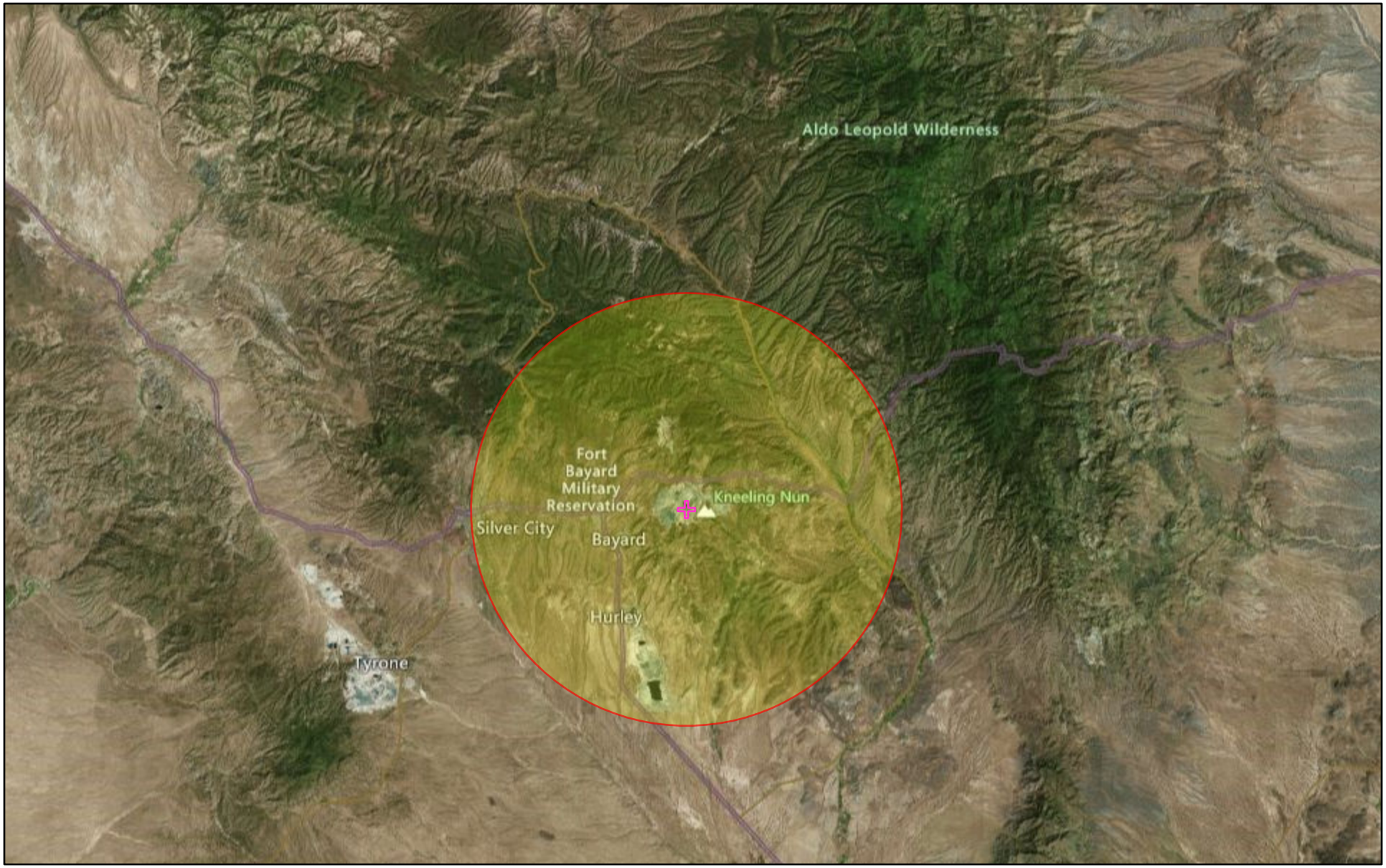
EJSCREEN ACS Summary Report

Location: User-specified point center at 32.783594, -108.069194
Ring (buffer): 12-miles radius
Description: Chino Mine, 12 mile radius

	2014 - 2018 ACS Estimates	Percent	MOE (±)
Population by Language Spoken at Home*			
Total (persons age 5 and above)	15,343	100%	610
English	10,538	69%	507
Spanish	4,571	30%	436
French	17	0%	44
French Creole	N/A	N/A	N/A
Italian	N/A	N/A	N/A
Portuguese	N/A	N/A	N/A
German	27	0%	25
Yiddish	N/A	N/A	N/A
Other West Germanic	N/A	N/A	N/A
Scandinavian	N/A	N/A	N/A
Greek	N/A	N/A	N/A
Russian	N/A	N/A	N/A
Polish	N/A	N/A	N/A
Serbo-Croatian	N/A	N/A	N/A
Other Slavic	N/A	N/A	N/A
Armenian	N/A	N/A	N/A
Persian	N/A	N/A	N/A
Gujarathi	N/A	N/A	N/A
Hindi	N/A	N/A	N/A
Urdu	N/A	N/A	N/A
Other Indic	N/A	N/A	N/A
Other Indo-European	17	0%	44
Chinese	5	0%	17
Japanese	N/A	N/A	N/A
Korean	0	0%	17
Mon-Khmer, Cambodian	N/A	N/A	N/A
Hmong	N/A	N/A	N/A
Thai	N/A	N/A	N/A
Laotian	N/A	N/A	N/A
Vietnamese	0	0%	17
Other Asian	8	0%	17
Tagalog	0	0%	17
Other Pacific Island	N/A	N/A	N/A
Navajo	N/A	N/A	N/A
Other Native American	N/A	N/A	N/A
Hungarian	N/A	N/A	N/A
Arabic	0	0%	17
Hebrew	N/A	N/A	N/A
African	N/A	N/A	N/A
Other and non-specified	160	1%	124
Total Non-English	4,805	31%	793

Data Note: Detail may not sum to totals due to rounding. Hispanic popultion can be of any race.
N/A meansnot available. **Source:** U.S. Census Bureau, American Community Survey (ACS) 2014 - 2018.
*Population by Language Spoken at Home is available at the census tract summary level and up.

Chino Mine, 12 mile radius



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Chino Mine, 12 mile radius

1:577,791

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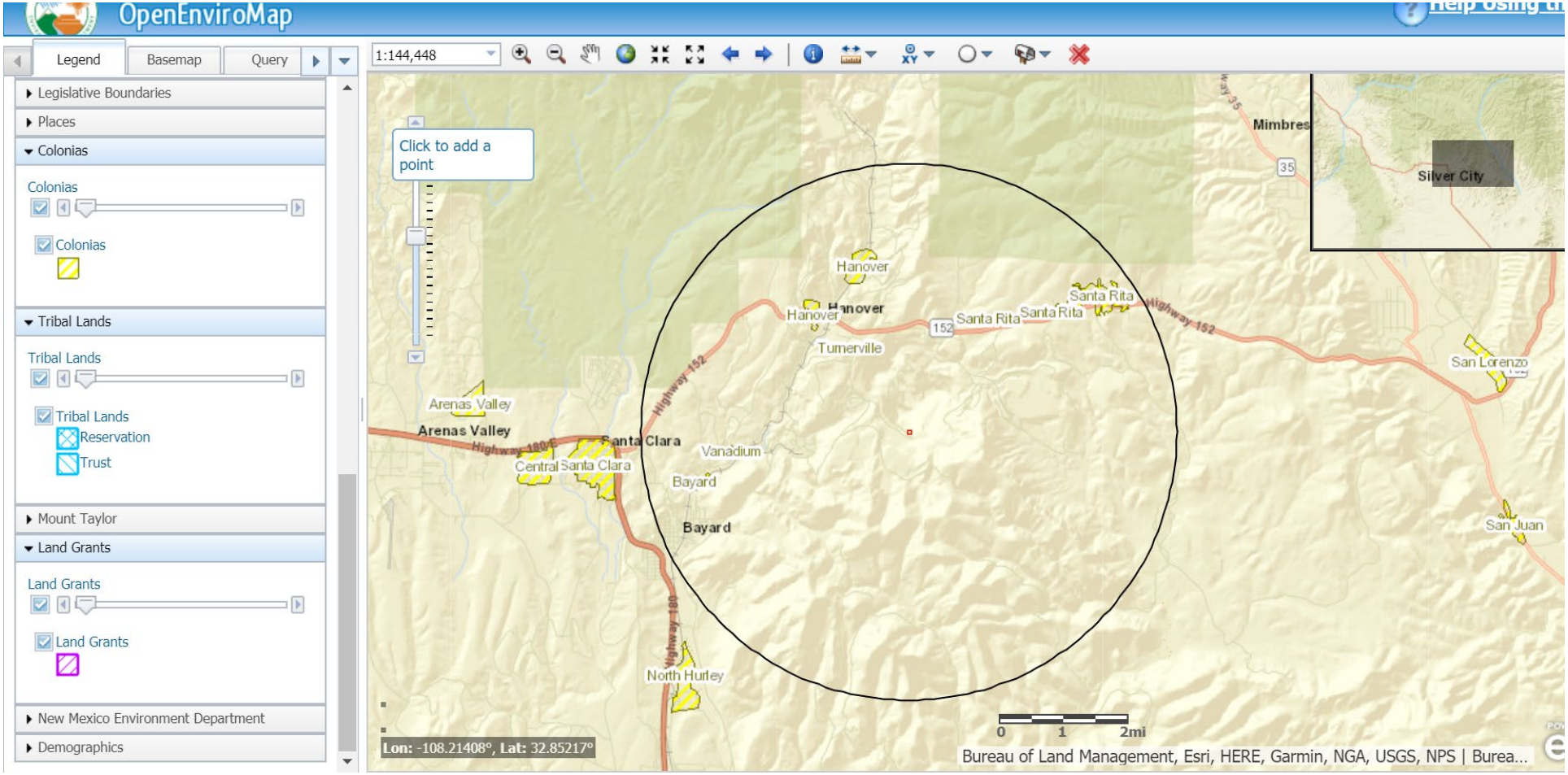
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Trust
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Land Grants
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New Mexico Environment Department
Demographics
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Silver City
Hanover
Hanover
Hanover
Santa Rita
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Santa Rita
Tumerville
Highway 152
San Lorenzo
Arenas Valley
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Highway 180E
Central
Santa Clara
Santa Clara
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Bayard
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Highway 180
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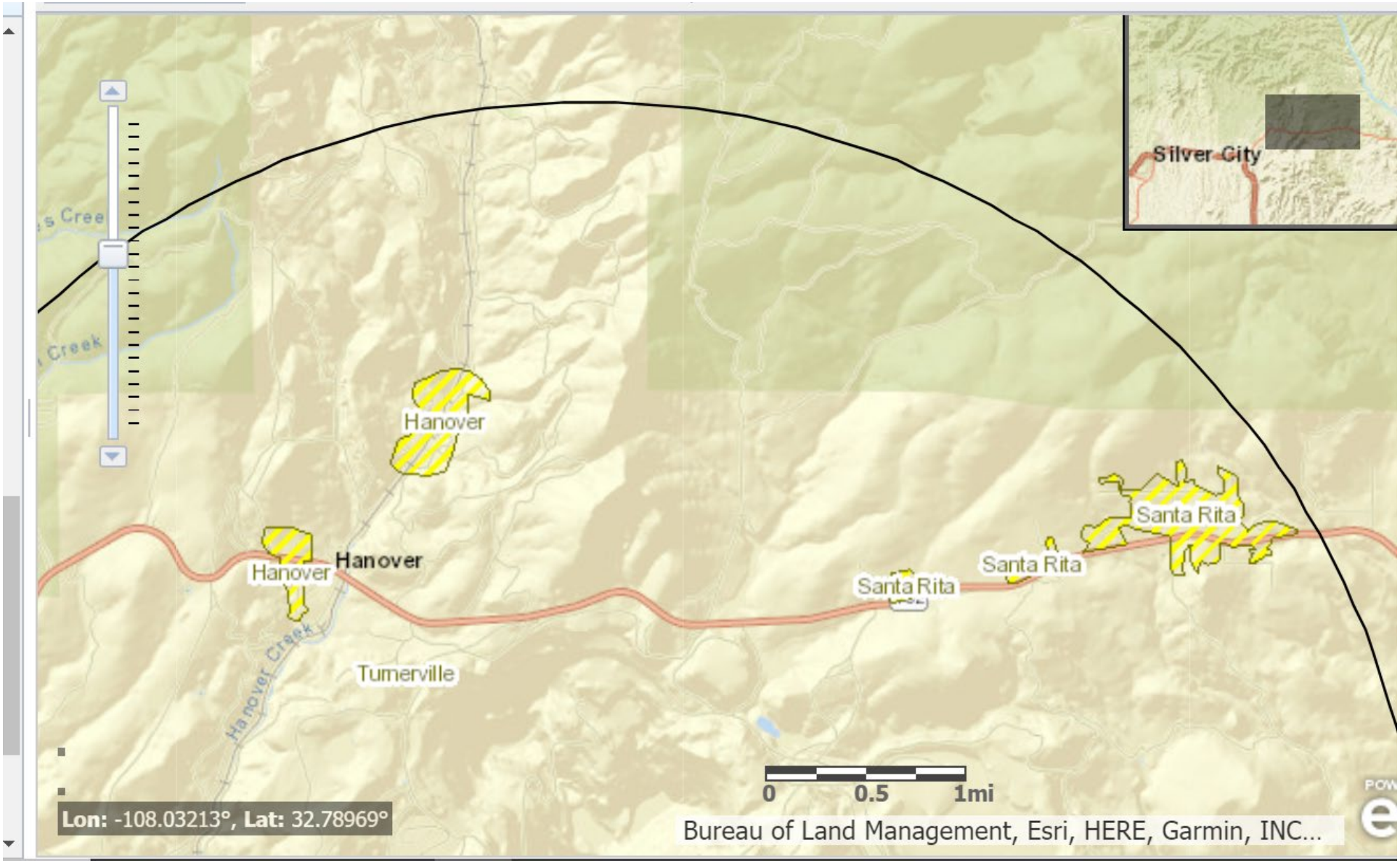
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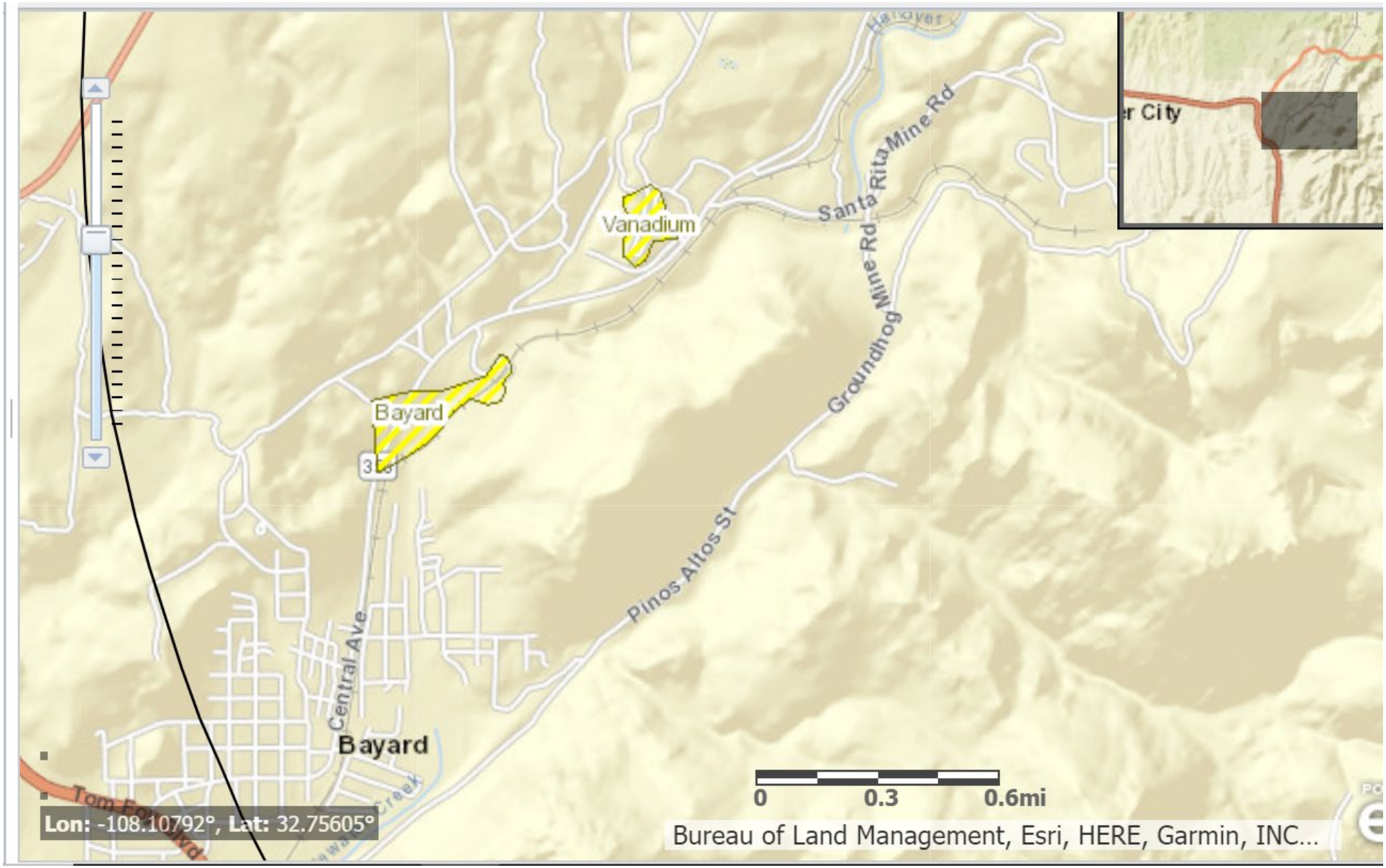
Vanadium
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Santa Rita Mine Rd
Groundhog Mine Rd
Pinos Altos St
Central Ave
Bayard
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