



SAN MIGUEL COUNTY PLANNING COMMISSION

PLANNING COMMISSION MEETING AGENDA THURSDAY, FEBRUARY 9, 2023 – 9:00 AM

Online & 333 W. Colorado Avenue, 2nd Floor

MEETING INFORMATION - This meeting will be held online and in person. To join the meeting: <http://zoom.us/join>, Meeting ID: 965 1288 5206, Password: 534277; Audio only: Dial 1-301-715-8692 or 1-253-215-8782 (long-distance rates may apply)

We kindly request that people attending meetings in person wear a mask.

- 1. 9:00 A.M. CALL TO ORDER**
- 2. APPROVAL OF MINUTES, PLANNING COMMISSION AND STAFF COMMENTS**
- 3. 9:15 A.M. PUBLIC MEETING: LAND USE APPLICATION**

3a..

Representative: Gabriel Sweet, Big Rock Exploration LLC

Applicant(s): Tarsis Resources US Inc., a wholly owned United States subsidiary of Alianza Minerals Ltd

Property owner: Alianza Minerals Ltd

Location: County Road 4R

Parcel(s): Bureau of Land Management (BLM)

Zone District: (W) West End

Proposal: Request for Mining Special Use Permit for mineral exploration from drill pads on its federal unpatented lode mining claims

Recommended Motion: MOTION

[CPC Packet Materials -Tarsis Resources US Stateline Project Exploratory Drill Program 2.9..23.pdf](#)

4. ANNUAL REVIEW

4a.. Representative: Gabriel Sweet, Big Rock Exploration

Review of Alianza's Mining SUP for mineral exploration in Klondike Basin off SH 141 and County Road 23R on public lands managed by the BLM and Colorado. The boring program includes 20 drill holes and pads for the purpose of exploring for Copper

5. 9:45 A.M. PUBLIC MEETING: LAND USE APPLICATION

5a.. 9:45 AM Public Hearing:

Applicant: Thomas G. Kennedy, Attorney on behalf of Genesee Properties, Inc

Location: Society Turn Parcel, located three miles west of the Town of Telluride on Highway 145 southwest of Society Turn Roundabout

Parcel size: 20 acres Zone District: Planned Unit Development Reserve (PUDR)

Proposal: Rezoning to Mixed-Use Development Zone District; and Preliminary Plan for Subdivision and Planned Unit Development (PUD) (Item to be continued to Thursday, March 9 at 9:15 a.m. or thereafter) MOTION
[CPC Meeting 020923.docx](#)

6. LAND USE CODE AMENDMENT RECOMMENDATION

6a.. Amending Land Use Code Section 5-13, Affordable Housing, pertaining to Impact Fee for Residential Development, to increase the Exempt Floor area from 1800 s.f. to 2000 s.f.; and to revise the mitigation rate for floor areas 2501 s.f. to 5000 s.f.
[CPC Meeting Packet AFHMFee LUCA 020923.pdf](#)

7. EAST END MASTER PLAN UPDATE:

8. ADJOURN

NOTE: All times are approximate; items may begin earlier (except public hearings) or later than scheduled. For more information contact Planning Department at (970) 728-3083.

If special accommodations are necessary per ADA, contact 970-728-3844, via email at bocc@sanmiguelcountyco.gov prior to the meeting.

The official, designated posting place for all meeting notices will be online at <https://www.sanmiguelcountyco.gov/liveagenda>. Use this link to view the live agenda with any last-minute changes. To be automatically notified, please sign up at www.sanmiguelcountyco.gov, sign up for alerts, and follow the prompts.



AGENDA ITEM 3a.

TITLE:

Representative: Gabriel Sweet, Big Rock Exploration LLC

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Location: County Road 4R

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Proposal: Request for Mining Special Use Permit for mineral exploration from drill pads on its federal unpatented lode mining claims

Presented by:

Time needed:

PREPARED BY:

John Huebner, Planning

RECOMMENDED ACTION/MOTION:

INTRODUCTION/BACKGROUND:

FISCAL IMPACT:

ATTACHMENTS:

[CPC Packet Materials -Tarsis Resources US Stateline Project Exploratory Drill Program 2.9..23.pdf](#)

Description:

PUBLIC MEETING RECORD

County Planning Commission

Application: Tarsis Resources US Inc – Alianza Minerals Ltd – Stateline project, West End Zone District, Conditional Uses on Federal Lands, Mining Special Use Permit

Date: February 9, 2023

1. San Miguel County Land Use Code (Adopted 11/30/90) with all amendments to date (By Reference Only).
2. San Miguel County Comprehensive Development Plan (Adopted 8/3/78) with all amendments to date (By Reference Only).
3. Memorandum to the San Miguel County Planning Commission from John Huebner, Senior Planner dated February 9, 2023.
4. Application and supplements submitted by Gabriel Sweet, Big Rock Exploration LLC dated December 22, 2022.
5. Applicant's Certifications of Compliance with the public noticing requirements of the San Miguel County Land Use Code Sections 3-9 and 5-1605 dated January 19, 2023.
6. Emails received from Gabriel Sweet, Applicant to John Huebner, Senior Planner, etal. dated January 16 and 19, 2023.
7. Public Meeting Notice published in the Norwood Post and Telluride Daily Planet on January 18, 2023.

AGENCY COMMENTS

8. Email and Memo from John Huebner, Senior Planner, to Review Agencies dated January 6, 2023.
9. Email from Amy Markwell, County Attorney, to John Huebner, Senior Planner, dated January 9, 2023.
10. Email from Lucas West, Colorado Division of Reclamation, Mining and Safety to John Huebner, Senior Planner, dated January 9, 2023.
- 10a. Email and Attachment from Lucas West, Colo Colorado Division of Reclamation, Mining and Safety to Gabriel Sweet, Applicant and John Huebner, Senior Planner, dated January 18, 2023.
11. Email received from Nick Sandberg, San Juan County Utah, Public Lands Coordinator to County Planning Department dated January 9, 2023.

12. Letter received from Tony Bonacquist, Colorado Parks and Wildlife to County Planning Department dated January 27, 2023.

13. Email and attachment from Tony Bonacquist, Colorado Parks and Wildlife to County Planning Department dated January 27, 2023.

PUBLIC COMMENT

14. Letter and attachment from Mason Osgood, Sheep Mountain Alliance and Jennifer Thurston, INFORM to Planning Commission dated January 31, 2023.

MEMORANDUM

TO: San Miguel County Planning Commission
FROM: John Huebner, Senior Planner
RE: Tarsis Resources US Inc. – Stateline Project, West End (WE) Zone District, Conditional Uses on Federal Lands, Mining Special Use Permit – limited exploratory drilling
DATE: March 16, 2022

Proposal

Gabriel Sweet, Big Rock Exploration LLC, has submitted an application on behalf of Tarsis Resources US Inc., a wholly owned United States subsidiary of Alianza Minerals Ltd (Applicant), that seeking a Mining Special Use Permit for mineral exploration from drill pads on its federal unpatented lode mining claims under Bureau of Land Management (BLM) federal public lands in northwest San Miguel County near the Utah state line. There are five (5) exploratory drill sites identified at the project location for the purpose of discovering copper. The drilling program includes developing up to five (5) drill pads, each measuring about 60 feet by 60 feet, and an equipment laydown area. The project area comprises BLM lands only and as such requires federal and state permit applications. The project plans to use BLM inventory roads, existing routes on public land, and the limited development of temporary driveways to access drilling sites. The primary access to the project location is from East Lisbon Valley Road (Utah) that transitions to County Road 4R over the Colorado border.

Project Design and Impact Minimization

The drilling program is designed to minimize new surface impacts within the project area. Existing BLM roads and established access routes (two-track road beds) are used where practical. Development of temporary access routes to drill pad sites is limited. The location of drill pads favor areas that are level or previously disturbed and cleared. This site planning reduces dirt work required to prepare access routes and drill pads, simplifies project reclamation, and minimizes the overall footprint and impacts from this project (Impact calculations below)

Infrastructure Component	Number/Linear Feet	Acres	Comments
BLM Land			
Drill pads	5	0.41	60x60ft (3600sf)
Equipment Laydown Area	1	0.23	~10000 sq ft footprint
Temporary access routes	3359	1.16	15 ft nominal width
Project Total		1.80	

Access

Road maintenance to existing BLM Road 359 and BLM inventory roads prior to project mobilization will be minimal. No County roads will require maintenance. Improvements to existing roads will not constitute new impacts if within the existing footprint of road. Repairs may include:

- Filling of potholes, ruts and washouts
- Evening of surfaces and regrading
- Clearing rocks and other debris from road surfaces
- Establishment of berms for safe passage in areas of topographic relief

New temporary access routes are proposed to establish access to five (5) drill pad locations. The routes will have with a nominal width of 15 feet in order to make passable for a standard four-wheel drive pickup truck, ATV and track/wheel/skid mounted drill rig. The temporary routes are considered new impacts and will be constructed to the minimum standard possible to facilitate the reclamation of these by the applicant at the conclusion of the project.

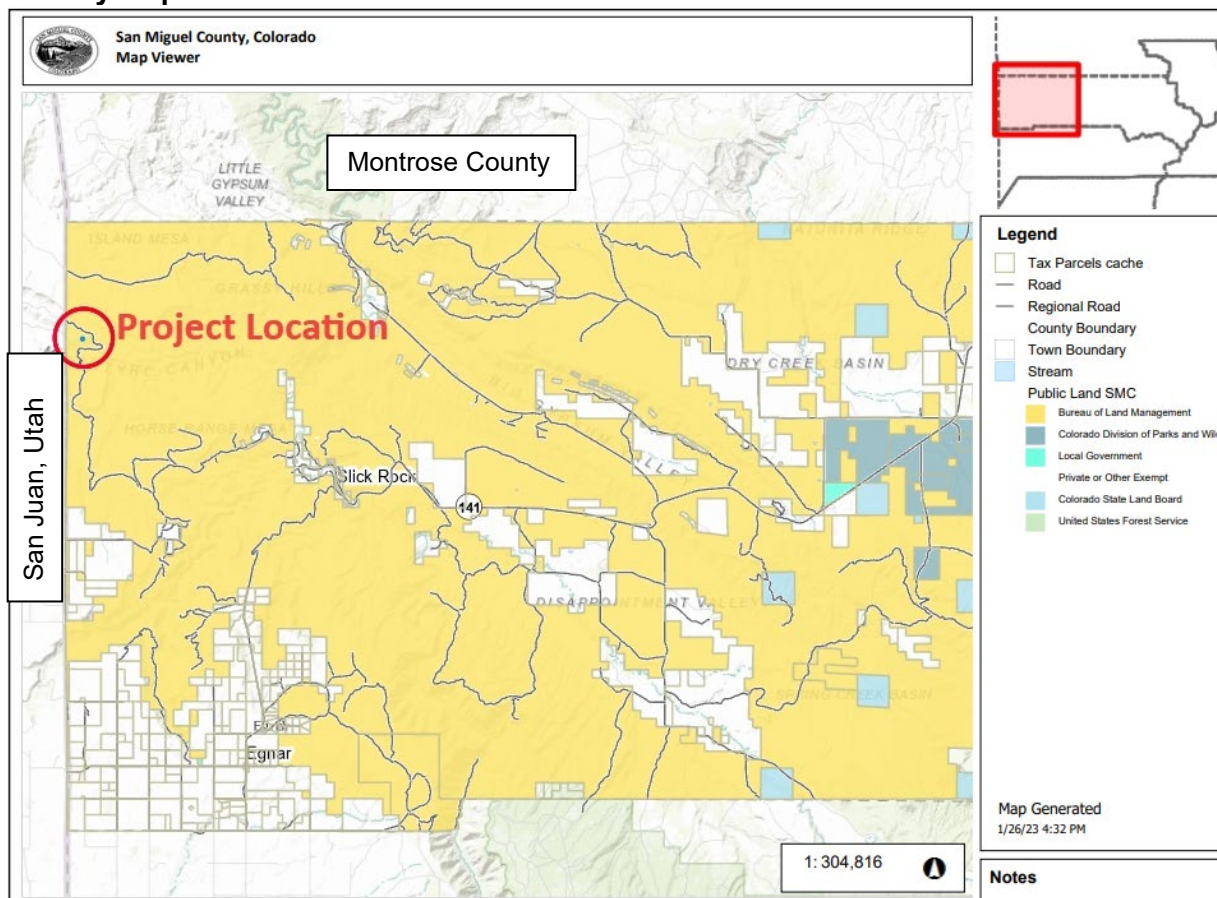
Drilling Pads and Staging

Drill pad locations are set back off existing road surfaces, which will ensure the safety of the traveling public and project personnel, and the security of the drill sites. Drill pads will have a maximum dimension of 60x60 feet to accommodate the storage of topsoil and off-road parking.

Each drill pad will have a sump pit, approximately 15 feet by 15 feet and 5 feet deep, located on site to retain drill cuttings and drilling mud from drilling operations, and to allow for infiltration of water into the ground.

A materials staging area (“laydown”) is proposed to store drilling equipment and project supplies on BLM public lands. This site will be out of the view of traveling public, more secure, avoid new impact for the project, and reduce potential for spread of noxious weeds during project operations.

Vicinity Map



San Miguel County, Colorado
Map Viewer

Project Location

1: 19,051

Project Operations

Project startup involving dirt work and road maintenance will take about a full week. Following the preparation of drill pads, equipment and vehicles will be mobilized to the site.

The following equipment will be used to perform road maintenance, construct access routes, and conduct the exploratory drilling at Stateline:

- One (1) track mounted reverse circulation (RC) drill rig, OR one (1) diamond drill rig
- Drill rod and casing tray (track, truck or skid mounted)
- One (1) to two (2) compressors (track or trailer mounted), OR recirculation system
- Cuttings tank(s)
- One (1) water truck
- One (1) excavator
- One (1) dozer or equivalent
- Two (2) 4x4 pickup trucks
- Up to two (2) ATVs or UTVs as necessary to shuttle crews and supplies
- Water lines/hose, Mud pump and mixing tanks for grouting/cementing of drill holes
- Water tank(s) as needed
- Equipment trailer
- Up to four (4) water supply pumps
- Water line/hose, Mud pump and mixing tanks for grouting/cementing of drill holes

The drill rig, rods, casing, rod tray and support vehicles will be used to conduct the exploratory drilling. Project personnel plan to continuously bore throughout the project. Continuous 24 hours a day operation of the drilling rig is planned, to be conducted in 12-hour shifts.

Approximately three to five (3-5) persons will work on site per shift, and will probably lodge in Monticello, Utah. Personnel will use pickup trucks and/or ATVs/UTVs to access the drill pads. Only one water truck will be used to haul water as needed for drilling (once per 12-hour shift). The water source is not yet identified.

The applicant plans to utilize reverse circulation (RC) or coring. Each are used regularly for mineral exploration and both result in the creation of a cylindrical hole (6") in the ground for the extraction of rock material (crushed "chips" for RC vs sticks of drill core for coring), and do not constitute fracking or cause any other lateral void creation below surface, and neither pose a hazard or risk to water or surface resources.

The five bore holes may be drilled to depths of 200 to 700 feet depending on the drill site requirements, will range from vertical to angled, and may take approximately 7-10 days to complete. No hazardous drill fluid additives will be used for this project.

The operational window for the project is from May 1 to October 31. This time window matches that requested by Colorado Parks and Wildlife to alleviate concerns regarding winter range for elk and deer and bighorn sheep.

All storage of fuel and lubricant materials at the proposed laydown will be in DOT-compliant containers that are properly labeled and signed. Adequately sized secondary containment will be utilized for all petroleum storage. Petroleum product-specific spill kits will be available at all sites, and in all vehicles, where petroleum products are stored or utilized.

Reclamation

All drill holes will be permanently abandoned immediately after completion and sealed with a

mixture of bentonite, clay and water with the final 30 feet capped with concrete that is mixed on site. Sump pits will be filled in with collected materials and fill dirt.

The total ground disturbance for this project is estimated to be 1.80 acres or less. Reclamation of drill pads and holes will occur following the decision to close a drill pad. Drill pads will be regraded, the stockpiled top soil redistributed, and revegetated with a CPW / BLM-approved native seed mixture. Temporary access routes will be scarified and/or recontoured and revegetated as needed. All reclamation will conform to the specific guidance, protocols, and all BLM, Colorado DRMS and County permit requirements.

The weed control plan includes the washing of vehicles prior to entering and leaving sites. Reclamation bonds will be held by BLM and DRMS, which will include a three to five year warranty period.

Required Permits

CDRMS and the BLM will coordinate the review of their respective NOIs and the posting of financial warranties for this project. The BLM examines the project application regarding access, archeological and cultural resources, surface disturbances, endangered species, and compatibility with existing uses. The applicant must comply with the Colorado Mined Land Reclamation Act and all applicable CDRMS rules and regulations.

Per the San Miguel County Land Use Code (LUC) Section 5-320 F. XVII "Conditional uses on federal lands (mining claims on BLM public lands) – mineral exploration, mining and logging, subject to applicable state and federal statutes and regulation", and LUC Section 5-320 F. XVI "...new commercial resource development and extraction operations and facilities", require Two-Step Special Use Permit Planning Commission and Board of County Commissioners review.

The following permits are required to be obtained by Tarsis Resources US Inc. prior to commencing the proposed exploratory boring program:

1. San Miguel County Mining Special Use Permit
2. U.S. Bureau of Land Management (BLM) Notice of Intent (for operations on BLM land)
3. Colorado Department of Reclamation, Mining and Safety (CDRMS) Notice of Intent(NOI)
4. State of Colorado Construction Storm Water Management Permit

COUNTY REVIEW STANDARDS AND POLICIES

(Staff comments in italics)

The application shall be reviewed pursuant to applicable policies in LUC Sections 2-1 to 2-35 Land Use Policies, and to applicable standards in LUC Section 5-4, Areas and Activities of Local and State interest/"1041" Environmental Hazard Review, LUC Section 5-10, Special Uses; LUC Section 5-11, Conditional Uses on Federal Lands; LUC Section 5-16, Mining; and LUC Section 5-320 West End (WE). Areas of key concern include development of access roads, mitigation of impacts to wildlife and natural resources during drilling; and site reclamation.

SECTION 2-8:NATURAL AND MAN-MADE HAZARD AND RESOURCE AREAS

It is the policy of San Miguel County to prevent any use and development of land that may:

- 2-801 Unreasonably subject any person, or use, to natural or man-made hazards;
- 2-802 Unreasonably create or contribute to the danger of natural or man-made hazards that might affect lands or the use and development thereof;

- 2-803 Unreasonably subject other persons including the County to the risks and expenses necessary to mitigate hazardous conditions, respond to emergencies created by such conditions, or to rehabilitate any lands or improvements thereof;
- 2-804 Be unduly destructive to the natural resources of the County; or
- 2-805 Constitute a public or private nuisance.

SECTION 2-11: EROSION

It is the policy of the County to prevent the acceleration of the erosion of soil and rock and whenever possible maintain vegetative cover to minimize soil disturbance.

Best management practices (BMPs) in use will be surface roughening in the form of pocking the final reclaimed surfaces. Pocking helps collect and use moisture. At the end of the project all disturbed areas will be reseeded with seed mix provided by the BLM in consultation with the County and CPW.

SECTION 2-34: REVEGETATION WITH NATIVE SPECIES

It is the policy of the County to prevent weed infestation and to ensure that all surface disturbances, especially of topsoil, are revegetated with native species.

A plan and specification for weed management – clean equipment, etc. - is designed to meet BLM and CDRMS guidelines. The plan uses native species in a BLM approved seed mix. The plan includes storage of surface soils and their re-use.

SECTION 2-35: MINING AND MINERAL PROCESSING OPERATIONS

It is the policy of the County to permit commencement or expansion of Mining and Mineral Processing operations only in appropriate areas identified pursuant to the County Comprehensive Development Plan, with review, as appropriate, under Land Use Code Section 5-4 and CRS 24-65.1-101 et. seq., "Areas and Activities of State Interest," subject to adequate mitigation of environmental, noise, traffic, and other impacts of such activities.

The proposed project location is within the West End Zone District of San Miguel County. The purpose of the proposed project is for mineral exploration, which is consistent with the West End Zone District's purpose to preserve large, relatively remote areas of western San Miguel County for resource, agricultural, open space, and recreational purposes, while protecting private property rights. The work will be consistent with the County Land Use Policies in Article 2 as detailed within this report. The potential environmental, noise, traffic, and other impacts are mitigated.

5-407 Wildlife Habitat Areas

This section establishes land use standards for wildlife habitat areas in addition to the general standards in Section 5-402. The standards apply to areas mapped by the Colorado Parks and Wildlife (CPW) on the County's adopted Wildlife Resource Information System (C.R.S.1041 Wildlife maps) and to areas known to be wildlife habitat areas by the Colorado Parks and Wildlife, and areas mapped by the Colorado Natural Heritage Program. Agricultural and Ranching activities are exempt from this Section.

5-407 A. General Standards. The standards in this section apply to all wildlife habitat areas.

- I. Residential development shall be clustered to avoid impacting wildlife and their habitat.
- II. Removal of vegetation shall be minimized. Vegetation removed shall be promptly replaced with beneficial native browse species.
- III. Wildlife food, cover and water shall be preserved and development effects that would destroy these shall be mitigated. Special consideration shall be given to trees and shrubs with high wildlife food value, especially heavy seed, berry and fruit producing species.
- IV The planting of wildlife food species and woody cover along fences shall be encouraged as one way of improving wildlife habitat.
- V. Waterholes, springs, seepage, marshes, pond and watering areas shall be preserved.
- VI. Known endangered species habitats shall be preserved and all disturbances to those habitats shall be minimized.
- VII. Every golden eagle nest site, bald eagle roost site, and all other raptor nest sites shall be protected from the adverse impacts of development within a ½ mile buffer.
- VIII. Mesh or woven fences shall be prohibited and are encouraged to be removed.
- IX. Fences located within CPW designated mapped wildlife habitat areas are discouraged. Fences in such wildlife habitat areas shall be limited to “wildlife friendly fences” that are in compliance with applicable CPW fencing standards. Wildlife friendly fences are very visible and allow wildlife to jump over or slip under the wires or rails.

5-407 B. Deer, Elk and Bighorn Sheep Winter Concentration Area/Severe Winter Range

Land uses in deer, elk or bighorn sheep winter concentration areas/severe winter range shall comply with the standards in Section 5-407 A. and the standards in this Section.

- I. Overgrazing of ranges by livestock shall be prohibited.
- II. Development shall be restricted to areas in which wildlife impacts can be minimized.
- III. Access for the Colorado Parks and Wildlife for managing wildlife shall be maintained.

5-407 C. Deer, Elk and Bighorn Sheep Winter Range.

Land uses located in deer, elk or bighorn sheep winter range shall comply with Sections 5-407 A. and 5-407 B.I.-III. and the standard in this section.

Commercial activity and recreational uses requiring County review shall be prohibited from December 1 through April 15, unless an applicant can demonstrate written approval from the Colorado Parks and Wildlife of a site- specific wildlife protection plan. Such plan shall include CPW monitoring provisions and set forth on-site protection, including but not limited to habitat enhancement and habitat protection, including but not limited to control of fencing, noise, lighting and siting of structures, and establishment of routes and means of transportation and hours/days of operation. Permits must be renewed annually. The dates in this section may be modified and permits may be suspended at any time upon CPW recommendation on a case-by-case basis as necessary to protect the health of the herd.

*The project area is located within mapped Deer and Elk and Bighorn Sheep Winter Range.
The proposed project schedule will occur outside of the prohibited time period.*

SECTION 5-10: SPECIAL USES

5-1001 General

This section of the Code establishes the application submittal requirements and review standards applied to review Special Use permit applications for land uses designated as an allowed use in a zoning district. An allowed use may be established if approved subject to Special Use permit review to assure the use is located, designed and operated in harmony with neighboring properties and the surrounding area and does not adversely affect the public health, safety and welfare. Special Uses may or may not be appropriate in certain locations depending on degree of conformance with adopted, relevant standards and policies. For certain Special Uses these standards may supplement special standards for specific uses. Refer to Section 3-5 for one-step review procedures, Section 3-6 for two-step review procedures and Section 4-7 for submission contents.

5-1002 Review Procedures

- X. All applications for Special Uses and other uses that require special review are subject to either a One-step Planning Commission or Board of County Commission review or Two-step Planning Commission and Board of County Commission review, as designated in the zoning district standards.
- XI. All Special Uses requiring One-step and Two-step Review, except Oil and Gas Exploration and Development (pursuant to Section 5-26), shall comply with the standards in this section.
- III. All uses that may be established in a zoning district can be permitted by Special Use permit review but only if the proposed use meets the following criteria as applicable and upon approval of the reviewing board(s), subject to any additional conditions and mitigation measures.

5-1002 A. Application Requirements

All applications for Special Uses shall include at a minimum, the information and materials specified in Land Use Code Section 4-2.

- I. The following must also be addressed as part of any application:
 - a. Site plan, photos and/or drawings accurately representing existing conditions and proposed conditions, specifying the location and dimensions of buildings, accessory structures, setbacks from property lines, identification of recorded and

apparent easements, specifying areas for all proposed types of land uses, identification of specific land uses, streets and rights-of-way, driveways and access points of ingress and egress, parking, fences, signs, topography, existing and proposed landscaping, and lighting, as well as all adjacent land uses;

- b. Elevation drawings showing the heights of buildings, or before and after simulations/drawings specifying the height and location of buildings and support structures, and any accessory uses, fences and signs, and proposed materials and colors;
- c. Written Narrative explaining why the proposed site has been chosen, regarding the function and characteristics of any Building or Use proposed, including: days and hours of operation, number of employees, number of students, number of rooms for rent, etc., communication plan, as applicable, and describe how the proposal meets all applicable Standards and Review Criterion;
- d. Detailed plans, reports and specifications.
 - 1) Traffic and parking plan;
 - 2) Grading, drainage and stormwater management plan;
 - 3) Water/sewer plan: must meet state standards, may include verification of a commercial well permit, and water savings plan;
 - 4) Lighting plan: All exterior lighting shall comply with the standards of Section 5-710;
 - 5) Signage: see Section 5-704 standards;
 - 6) Dust control plan;
 - 7) A noxious weed control plan;
 - 8) Wildlife Plan: see Section 5-407 A.XII.;
 - 9) Additional permits as necessary from other agencies.
 - 10) Detailed engineered plans and specifications by a registered Colorado Professional Engineer as requested by staff or Referral Agents;

The application includes a preliminary map of the project infrastructure layout and ownership. No fencing plan, water/sewer plans, or building plans are applicable to this project. Project lighting will be limited to the drill pad only, and down-angle lights will be used to keep work area safely lit and minimize impact on nocturnal animals.

Additional permits from other agencies that are required for the use have been identified and listed within this report.

5-1002 B. Review Criteria

A Special Use will be permitted only if the reviewing body finds the proposed use meets all relevant requirements. Applicants shall demonstrate through

competent evidence that the proposed use meets the following criteria as applicable:

I. All Applicable Standards. The proposed use shall comply with the minimum requirements of the zone district in which the use is to be established, and will also comply with all applicable requirements of the Code.

II. Consistency with Master Plan, Land Use Policies, and Zone District.

The proposed Special Use shall be:

- a. In accordance with the County Master Plan;
- b. Consistent with County Land Use Policies in Article 2;
- c. Consistent with the purpose of the Zone District in which it is proposed to be located;

III. Consistent and compatible with Neighborhood Character. The proposed Special Use shall be consistent, compatible, and not in conflict with the character of the neighborhood and surrounding land uses. It may be an enhancement of the mixture of complementary uses and activities in the Neighborhood of the Parcel proposed for Development;

IV. Essential for public convenience at the proposed location; and

V. Designed, located and proposed to be operated so that the public health, safety and welfare will be protected.

VI. Impacts on Surrounding Area

Consistency and compatibility with the Character of Parcels adjacent to the Parcel shall be expressed in terms of appearance, scale and features, Site design, landscaping, weed control, as well as, the control and minimization of adverse impacts including noise, vibration, dust, dirt, smoke, fumes, gas, odor, explosion, glare, impacts on pedestrian and traffic congestion, parking, trash, service delivery, or other undesirable or hazardous conditions.

VII. Cumulative Impacts.

If multiple Special Use Permits have been issued for the same property, the uses permitted under the existing permits shall be considered in reviewing the new permit application. If there are other Special Use Permits in the geographic area, the cumulative impacts shall be evaluated. The application may be denied or appropriate conditions may be required on the proposed uses to address or mitigate any incompatibility or cumulative impacts.

- a. The proposed uses must be compatible with the existing uses.
- b. Cumulative impacts of all Special Use Permits on the property and in the geographic area must be considered.

The proposed project location is within the West End Zone District and the land use is consistent with the purpose of the Zone District. The drilling program will be consistent with the County Land Use Policies in Article 2 as detailed within this report. No activities proposed for this exploratory boring program are anticipated to affect the access, functionality, safety or condition for any public land users. The impacted area will be reclaimed in a manner that protects public lands.

The proposed project is compatible with the character of parcels adjacent to the parcel in terms of appearance, scale and features.

5-1002 C. Public Facilities

Adequate public facilities and services shall exist or shall be provided to serve any reviewable Use including, but not limited to, roads, potable water, sewer, solid waste, parks, police, fire protection, emergency medical, hospital and medical, drainage system and schools.

There are no segments of the existing public roads that will need maintenance prior to use by Tarsis Resources for this project. The proposed temporary access routes to the (five) 5 drill pads will be reclaimed after project use where required.

5-1002 D. Bond Requirement

A bond may be required, as a condition of any reviewable Use permit as deemed necessary by the Board of Commissioners or the Planning Commission, sufficient to cover the cost of Site remediation and/or satisfaction of the other conditions and requirements.

A reclamation bond will be required as designated by the CDRMS to cover the cost of reclamation conditions and weed control.

5-1003 Commencement of Approved Special Uses

- I. All approved Special Uses subject to either one-step Planning Commission or Board of County Commissioner review or two-step Special Permit Review shall commence within three (3) years of the date of approval.
 - a. If the permittee has not obtained a Development Permit for the approved Special Use and/or commenced the use or activity, in accordance with the terms and conditions of the approval, within this three (3) year time period, the Special Use shall be subject to review at a duly noticed Public Hearing by the entity that approved the Special Use.

- b. The purpose of this review is to determine if there has been a change in circumstances since the Special Use Permit was granted and to determine if the Special Use meets or complies with the review standards for Special Uses set forth in Land Use Code Section 5-1002 A. Standards for all Special Uses and Section 5- 1002 B. Impacts on Surrounding Area.
- c. Upon or prior to the expiration of the three (3) year period, the owner/applicant may provide a written statement withdrawing the Special Use application and requesting the Special Use approval be terminated.
- d. If upon expiration of the three (3) year period the owner/applicant does not provide a written statement withdrawing the application, the matter shall be noticed and scheduled for Public Hearing by the County. The applicant is encouraged to provide a written statement, prior to the Public Hearing, indicating why the approved Special Use has not been granted a development permit and/or commenced, and identifying any changes that may have occurred in the surrounding land uses and explaining how the proposed Special Use meets the review standards in Land Use Code Sections 5-1002 A. and 5-1002 B.

5-1004 Review of Approved Special Uses

5-1004 A. Annual Review.

- I. An annual review by the designated review body shall be held one (1) year after the date of approval or amendment of a Special Use Permit.
- II. Prior to the annual review, notice will be provided to the neighbors and individuals who have commented on the Special Use Permit application.
- III. The review body may make a determination in its discretion if there is a need for additional on-going annual reviews, or periodic reviews of the terms and conditions of the Special Use permit in the future.

5-1004 B. Extension of Approvals.

Prior to the expiration of the Special Use Permit, a request for extension of the approval may be submitted. Review of a request for an extension of an approved Special Use shall be conducted in accordance with the applicable provisions of Article 3 Procedures for one-step reviews and shall include posting and sending written notice of the Public Hearing for review of the Special Use to adjacent property owners.

The Planning Commission and/or Board of County Commissioners in reviewing the Special Use Permit, at a duly noticed Public Hearing, may extend the

Special Use Permit approval, extend the approval subject to modifications or additional conditions, or they may rescind and terminate the approval if a finding is made that the Special Use no longer meets the review standards for Special Uses pursuant to Section 5-10 Special Uses.

5-1004 C. Discontinued or Abandoned Use.

If any approved Special Use is discontinued or abandoned for twelve (12) consecutive months, then such Special Use shall be considered to be no longer in effect. If a Special Use is discontinued or abandoned for twelve (12) consecutive months, and the Special Use is re-established or resumed by the owner, the use shall be subject to review prior to resumption in accordance with the provisions of this section and subject to review by either the Planning Commission and/or Board of County Commissioners, at a duly noticed Public Hearing, where the permitting entity may rescind or terminate, recognize and extend the original approval, or extend subject to additional conditions or modifications. The procedures and standards for review of discontinued or abandoned Special Uses are the same as those for Review of Approved Special Uses set forth in 5-1003 I.

5-1005 Minor Amendments to Special Use Permits

The Planning Director may approve, approve with conditions or disapprove minor amendments to approved Special Uses and Special Use permits subject to consideration of the standards in this Section. Refer to Section 3-4 for procedures and Section 4-7 for submission contents.

5-1005 A. Standards

As requirements for approval, the proposed activity shall not:

- I. Change the basic character of the use of land on which the activity occurs, including basic visual appearance and method of operation;
- II. Violate any Land Use Code standard;
- III. Substantially increase the need for on-site parking or utilities, or affect affordable housing generation; and
- IV. Increase the floor area of the use by more than two (2) percent or decrease the open space on the site by more than three (3) percent.

5-1006 Violations

Violation or noncompliance with any Special Use Permit or applicable Land Use Code requirement may result in suspension and/or revocation of the Permit by the Board of County Commissioners (BOCC) following a duly noticed public hearing, held with no less than fifteen (15) days prior written notice to the permittee, upon the BOCC determination that there is competent evidence of such alleged violation or noncompliance.

SECTION 5-11: CONDITIONAL USES ON FEDERAL LANDS

- 5-1101 General. This section of the Code establishes standards for review of conditional uses on Federal lands. Refer to Section 3-6 for two-step review procedures and Section 4-7 for submission contents. This Section does not apply to Minor Facility Oil and Gas Exploration and Development on Federal Lands.

The Applicant acknowledges that the proposed use is wholly located on Federal lands.

- 5-1102 Standards

- 5-1102 A. The location, size, design and operating characteristics of the proposed conditional use minimizes adverse effects, including visual impacts, impacts on pedestrian and vehicular circulation, parking, trash, service delivery, noise, vibrations and odor on surrounding properties;

- 5-1102 B. The conditional use is designed, located and proposed to be operated so that the public health, safety and welfare will be protected.

The use is designed, located and proposed to be operated to protect public health safety and welfare.

SECTION 5-16: MINING

The standards in this Section are intended to mitigate the impacts of mining and mineral processing, including protecting the health, safety and welfare of persons residing in the vicinity and of persons traveling on roads, streets and highways in San Miguel County utilized for hauling of mined material. This Section also contains provisions to ensure that the environmental impacts of mining and mineral processing are adequately mitigated. Mining and mineral processing operations are also subject to the special use permit provisions of Section 5-10.

5-1601 Applicability

The standards and requirements in this Section 5-16 shall apply to all mining and mineral processing operations required to obtain special use permit approval from the County, including any expansion of existing mining and/or mineral processing operations. Mining and mineral processing operations also are subject to applicable review requirements for Activities of Local and State Interest, as set forth in Section 5-4, and for Wetland Areas, as set forth in Section 5-22.

The applicant acknowledges that the exploratory drilling proposed at the Klondike Basin is subject to these standards.

5-1602 Mitigation of Impacts

All on-site and off-site impacts shall be adequately mitigated to protect the health, safety and welfare of persons in San Miguel County and to protect the integrity and appearance of the natural environment. Consideration shall be given to site-specific environmental assessments

and mitigation plans approved by the appropriate Federal agencies and/or the Colorado Division of Minerals and Geology and/or the Colorado Department of Health. However, compliance with such plans, as well as additional mitigation, may be required by the County as part of the special use permit review process. Such mitigation may include, but is not limited to, revegetation, dust control, noise control, visual screening, limitations on hours of operations, truck haul routes and traffic volumes.

The proposed drilling project layout and design has been developed to minimize new surface impact within the project area. The use of existing routes and areas previously disturbed serve to minimize the volume of dirt work and overall project impact, and will simplify project reclamation. No new permanent road construction is proposed. Temporary access routes will be reclaimed. NO county roads are impacted.

5-1603 Enforcement of State and Federal Regulations

In the event that the County discovers that applicable state and/or federal regulations pertaining to a specific mining activity in San Miguel County have not been adequately enforced by the appropriate agency or organization, the Board of County Commissioners may require the mining activity to comply with any and all terms of such regulations. If such regulations are not complied with, the Board of County Commissioners may order such mining activity to cease and desist.

Work will comply with all conditions of a CDPHE Stormwater Discharge Permit. The project will conform to all Colorado Division of Mining, Reclamation, and Safety (DRMS) standards and to all BLM requirements.

5-1604 Traffic Impacts and Highway Access

Mining (including sand and gravel operations) and mineral processing shall be limited to the greatest extent possible to areas where the surrounding road, street and/or highway network can accommodate heavy truck traffic. In no event shall a proposed operation be permitted where the carrying capacity of the surrounding road, street and/or highway network is exceeded by existing traffic volumes, or would be exceeded by projected or proposed traffic volumes.

Traffic is limited to the project area and use of staging area (laydown). Project vehicles are sized to actively minimize impacts. Access to the project area is from Sandoval Canyon, Utah.

5-1605 Additional Notice Requirements

In addition to the notice requirements set forth in Section 3-9, applicants for approval of mining and mineral processing operations shall also be required to provide written notice of a pending application by mailing such notice first class, postage prepaid, no less than 20 days prior to the scheduled meeting date to all owners of property within 1,500 feet of the subject property, and to all municipalities within 3 miles of the subject property.

In addition to the notice requirement set forth in Section 3-9 of the Code, written notice of a pending application by mailing such notice first class, postage prepaid, no less than 20 days prior to the scheduled meeting date is required to all owners of property within 1,500 feet of the subject property, and to all municipalities within 3 miles of the subject property. There are

no private property owners or municipalities within 1,500 feet or 3 miles respectively. Therefore, additional notice is not required.

SECTION 5-320 West End (WE) Zone District

5-320 A. Purpose

The West End (WE) Zone District is intended to preserve large, relatively remote areas of western San Miguel County for resource, agricultural, open space, and recreational purposes, while protecting private property rights. These areas currently have minimum public facilities and services and are considered premature for substantial development. Development activities in these areas shall be encouraged to preserve historical, archeological and natural resources and landmarks, while allowing individuals the right to farm and ranch, using the necessary resources desired and needed with as little intrusion as possible on property rights.

Development Permits are not required in the WE Zone District except for Oil and Gas Exploration and Development.

5-320 K. Review Standards for all WE Zone District Special Uses

All special uses shall:

- I. Be consistent with the County Master Plan, the County Land Use Policies in Article 2 and the purpose of the WE Zone District;
- II. Be consistent with and compatible with the character of the immediate vicinity of the parcel proposed for development and surrounding land uses, and/or shall enhance the mixture of complimentary uses and activities in the immediate vicinity of the parcel proposed for development;
- III. Be designed, located and operated so that the public health, safety and welfare will be protected;
- IV. Be located, designed and operated to minimize adverse effects, including impacts on scenic quality, pedestrian and vehicular circulation, parking, trash, service delivery, noise, vibration and odor on surrounding properties;
- V. Provide adequate public facilities and services to serve the special use, including but not limited to roads, adequate water supply in terms of both quality and quantity, sewer, solid waste and fire protection;
- VI. Not substantially adversely affect agriculture or ranching operations and residences;
- VII. Only include roads, utilities and associated structures that bear logical relationships to existing topography and minimize cuts and fills; and
- VIII. Be consistent with the historic rural and agricultural character of the West End. Input from neighbors shall be considered by the County in determining consistency.

The proposed project location is within the West End Zone District and the land use is consistent with the purpose of the Zone District. No activities proposed for this exploratory boring program are anticipated to affect the access, functionality, safety or condition for any public land users.

Public Noticing

A Notice of Public Meeting was published in the Telluride Daily Planet and in the Norwood Post on Wednesday, January 18, 2023 for the Planning Commission public meeting to be held on-line and in person on Thursday, February 9, 2023. The Public Notice sign was posted at the intersection of SH 141 and CR 10R by the Applicant on January 20, 2023 for the Planning

Commission public meeting, there were not accessible posting locations closer to the site that would have provided effective notice. No property owners other than the BLM are within 1,500 feet of the subject parcel.

Referral Agents

The application was referred to the County Manager, County Attorney, County Road and Bridge Director, County Natural Resources Director, County Sheriff, County Open Space and Parks Director, Colorado Department of Public Health & Environment, Colorado Division of Reclamation-Mining and Safety, Colorado Parks and Wildlife, US Bureau of Land Management (BLM), and San Juan County UT for review and comment. The application was also sent to the Information Network for Responsible Mining and Sheep Mountain Alliance.

Referral Agency Comments

Tony Bonaxquista, Colorado Parks and Wildlife Nucla District Manager, states that the Stateline area provides habitat for numerous species and is mapped winter range for mule deer, elk and bighorn sheep. The low yearly precipitation rate in addition to surface disturbance contributes to overall slow recovery of range health. It recommends that new routes be minimized to the extent possible and reclaimed. CPW proposes a wildlife friendly seed mixture for the project. CPW recommends that no permitted activities occur from November 1 to April 30 in order to minimize impacts to wintering big horn sheep, and to deer and elk.

The proposed drill program will avoid drilling activities from November 1 to May 1 to avoid impacts to migratory animals.

Lucas West, Colorado Division of Reclamation and Mining and Safety (CDRMS) Environmental Specialist, writes that CDRMS is ready to approve the Notice of Intent (NOI) submission received from Mr. Sweet on behalf of Tarsis for this project, as it is technically sound. He notes that the BLM is between personnel and has not reviewed the BLM NOI application nor responded to a CDRM's request for a Concurrence letter from the BLM on the proposed bond amount for the project, \$13,888.

Similar to the Alianza Klondike Basin drill program a bond is required by DRMS for reclamation of drill hole, drill pad and of the temporary access construction.

Amy Markwell, County Attorney, states that the receipt of all 3rd party agency permits be a condition of approval, and that all conditions be reviewed to ensure compliance.

This project is wholly on BLM federal lands and roads, and as such, no Road and Bridge Permit is required. A bond is required by CDRMS and agreed to by BLM for the reclamation of drill holes, drill pads and routes including for revegetation of disturbed soils.

Nick Sandberg, Public Lands Coordinator – San Juan, UT, states drilling activity is planned in San Juan County (one drill hole) is located within the San Juan County Energy Zone where energy and mineral development is encouraged.

The County Manager and County Open Space Director submitted questions that the applicant responded to. A copy of the embedded email responses is included with the Application.

Public Comments

Mason Osgood, Sheep Mountain Alliance Executive Director, and Jennifer Thurston, Information Network for Responsible Mining Executive Director, state opposition to the copper

exploration due to its limited benefits and potential impacts to motorized and non-motorized recreation, the ecosystem, and proximity to the Dolores River National Conservation Area (NCA). The also state that approval of the Special Use Exploration activities should be conditioned upon the operator halting drilling if cultural resources are encountered and until the appropriate agency can assess them. Also, the BLM should approve Alianza's NOI and the source of water be identified before the SUP is approved.

Planning staff recommends that any SUP approval be conditioned so that all appropriate mitigation measures shall be taken to protect any cultural resources. Also, the BLM must review and approve this project prior to any commencement of drilling activities on federal lands. The Stateline Project is located .9 miles from a proposed conservation area boundary.

Sample Motion:

I move to recommend to the San Miguel County Board of Commissioners to approve a Mining Special Use Permit (SUP) for Tarsis Resources US Inc., a wholly owned United States subsidiary of Alianza Minerals Ltd (Applicant) or its contractor, for mineral exploration from drill pads on its federal unpatented lode mining claims under Bureau of Land Management (BLM) public lands in northwest San Miguel County near the Utah state line, based on the finding that the proposed use is consistent with the County Master Plan, and with the Land Use Policies in LUC Section 2-8, Natural and Man-Made Hazard and Resource Area; LUC Section 2-11, Erosion; LUC Section 2-34, Revegetation with Native Species; LUC Section 2-35, Mining and Mineral Processing Operations, and complies with the Land Use Code review standards in Section 5-407 Wildlife Habitat Areas; Section 5-10, Special Uses; Section 5-11, Conditional Uses on Federal Lands; and Section 5-16, Mining; and Section 5-320 K, Review Standards for WE Zone District Special Uses, subject to the following specific terms and conditions:

1. The Special Use Permit is issued to the Applicant, Tarsis Resources US Inc., and does not run with the Land.
2. No future mining activity at the project site by Tarsis Resources, its lessees, or the property owners or its lessees is authorized by this approval.
3. Contact the Planning Department, Road and Bridge Department and County Sheriff's Office prior to mobilization of and the start of drilling activities.
4. Provide a list of onsite contacts for Tarsis Resources and the drilling project contractor.
5. This Special Use Permit conditional approval is subject to the Bureau of Land Management (BLM) and Colorado Division of Reclamation and Mining and Safety (CDRMS) approving this drilling program and issuing the requisite permits. Provide copies of these permits to County Planning.
6. The project drilling program and reclamation plan shall be consistent with and comply with the applicable provisions as approved by the County, unless specifically modified in the BLM and CDRMS approval action.
7. Comply with all terms and conditions of the Colorado Department of Public Health and Environment Stormwater Discharge Permit. Provide a copy of the permit to County Planning.
8. Provide monthly progress reports to County Planning.
9. All written representations of the applicant, in the original submittal and all supplements, are deemed to be conditions of approval except to the extent modified by this approval.
10. Staff shall review the BLM and DRMS permits prior to commencement, and with annual reviews by the CPC and BOCC through the life of the project.
11. Exploration activities shall be limited to May 1 to October 30.
12. The clearing of pinion-juniper and sagebrush shall be minimized to the greatest extent practical.

13. Provide a grading and drainage plan that includes a higher quality of sediment fencing and control.
14. The County shall be informed of any cultural resources discovered in the course of work. Pads and road disturbance should avoid any areas with cultural resources. All appropriate mitigation measures shall be taken to protect cultural resources.
15. The revegetation plan shall include soil restoration and best practices to maximize available water. The CPW recommendation shall be followed.
16. Provide documentation regarding the water source(s) for the project.
17. Identify any hazardous materials that will be used in the process, and describe how those materials will be stored and transported.



410 – 325 Howe Street
Vancouver, BC, V6C 1Z7 Canada

December 22, 2022

San Miguel County Colorado
Planning Division

Attn: John Huebner

PO Box 548
333 W Colorado Ave, 3rd Floor
Telluride, CO 81435

Mr. Huebner,

On behalf of Tarsis Resources US Inc ("the company" or "Tarsis Resources") a wholly owned subsidiary of Alianza Ltd, Big Rock Exploration LLC is submitting this application for Two Step Special Use Permit through Planning Commission and Board of County Commissioners and all supplemental information require for the Stateline Exploratory Drill Program (the "project").

The proposed Project comprises exploratory drilling from drill pads constructed on federal unpatented lode mining claims in San Miguel County, CO and San Juan County, UT. The Two Step Special Use Permit is being submitted for the Colorado only portion of the project. The Company has initiated communication with other agencies to ensure proper compliance of all federal, state and local regulations for the Project.

The information presented within this Application reflects the most up to date project details at the date of submittal, and all reasonable efforts have been made to verify the accuracy and validity of information regarding the proposed activities for exploratory drilling and associated reclamation.

Additionally, we have authorized Big Rock Exploration ("Big Rock") as the lead contractor and agent for related communications, process and management of the proposed Project. This cover letter may act as an authorization letter to initiate Big Rock in such capacity. Ultimately, Big Rock is working at the request of the Company to aid in the safe and successful management of the project.

If there are any questions or concerns, please do not hesitate to contact me. Thank you in advance for your time and attention.

Regards,

A handwritten signature in blue ink, appearing to read "Rob Duncan", is written over a light blue horizontal line.

Rob Duncan
VP Exploration
Alianza Minerals Ltd

Tarsis Stateline Exploratory Drill Program San Miguel County – Two Step Special Use Permit Application

Date: November 17th, 2022

Introduction & Context

This document and its attachments serve to fulfill the application requirements for San Miguel County's Two Step Special Use Permit Application for Tarsis Resources US Inc (Alianza) Stateline project drill program (the Project). The information contained herein is the most up to date at the time of submission. Additional Federal and State entity input may require minor changes to project parameters moving forward.

The Project area comprises of Bureau of Land Management (BLM) lands. As such, permitting of the proposed Project requires federal permit applications. A copy of the application is furnished to San Miguel County, as required by DRMS. The document contains additional Project parameters and details required by both the DRMS and BLM for approval of an exploratory drilling program and associated reclamation processes and bonding.

Application Notifications

Per the Pre-Application Conference Summary, San Miguel County requires notification of property owners within 1500ft and municipalities within 3 miles of the project area. Based on available information (San Miguel County online tax parcel viewer), there are no non-federal property owners within 1500ft of a drill pad, and no municipalities within 3 miles of any project feature. Tarsis Resources requests that San Miguel County please confirm this finding, and provide any guidance if County information indicates otherwise.

Overview

Tarsis Resources US Inc (Tarsis) proposes to explore its Stateline property through a limited exploratory drilling program. The Stateline property constitutes a series of unpatented federal lode mining claims. Lode claims are held by Tarsis and its partners in San Miguel County, Colorado (**Map 1**). The legal description of lands involved in this project can be found below in Table 1 and **Map 2**.

Meridian	Township	Range	Sections
New Mexico Meridian	44 & 45 N	20 W	2,35,36

Table 1 – Project legal description.

The drill program will involve the location of 5 drill pads, 1 laydown, and the use of existing BLM and San Miguel County roads and trails. Limited development of temporary access routes will be required. No new permanent road construction is proposed for this project.

Multiple maps have been drafted to display the following project parameters:

1. Project area 15k
2. Project area 100k
3. Project access route reclamation plans

No activities proposed for this exploratory boring program are anticipated to affect the access, functionality, safety or condition for any public land users.

Project Design and Impact Minimization

The proposed drill project layout and design has been developed to minimize new surface impact within the project area. Existing roads and trails are utilized wherever practicable, and new access route development is kept to a minimum. Areas of prior disturbance are heavily favored for all project infrastructure. Drill pad and laydown locations favor areas of prior clearings and level ground where possible. This specificity serves to minimize dirt work and overall project impact, and will simplify project reclamation. Further, flexible drilling equipment layouts on individual drill pads will strive to minimize dirt work wherever possible.

Infrastructure Component	Number / Linear Feet	Comments
Drill pads	5	60x60ft (1800 sq ft) footprint
Laydown	1	~10000 sq ft footprint
New temporary access route	3359	15 ft nominal width

Table 2 – Stateline Project infrastructure parameters.

Project Infrastructure

This project has been designed to minimize new surface impact within Project Area via the use of existing trails and BLM and San Miguel County roads wherever practicable. Primary access to the project area will be via East Lisbon Valley Road (Utah) that transitions to County Road CR4 over the Colorado border, originating from Lisbon Valley Road. Additional County roads used for this program include a section of BLM 359 from County Road CR4. Existing BLM inventory roads are used, as well as previously-established access routes (two track road beds) throughout the project area. New, temporary access travel routes are proposed for establishing access to 6 drill pads locations (Map 2).

Existing Access Route Maintenance

No existing San Miguel County roads will require maintenance prior to drill equipment mobilization. Upgrades to existing BLM Road 359 will be minimal, the existing road maintenance to make passable to a standard four wheel drive pickup truck, ATV and track/wheel/skid mounted drill rig may include:

- Filling of potholes, ruts and washouts
- Evening of surfaces and regrading
- Clearing rocks and other debris from road surfaces
- Establishment of berms for safe passage in areas of topographic relief

The existing access routes have been subdivided into three general categories, based on level of improvement required:

1. Good condition – minimal if any improvement required
2. Moderate condition – improvement needed locally, approximating improvement of ~25% of alignment (by linear footage)
3. Poor condition – improvement required, approximating improvement of ~50% of alignment (by linear footage)

These subdivisions are a first pass assessment of existing route conditions, and will be used to calculate project surface impact. These serve as baselines for reclamation bond calculation through the state of Colorado/BLM, though additional considerations are discussed below.

New Temporary Access Routes

New temporary access routes are proposed for this project to safely access 6 drill pads for the Stateline drill program (Map 2). Where proposed, temporary access routes coincide with areas of prior disturbance and/or minimal foliage, and generally reflect the most direct and safest access option to proposed drill pad locations. These temporary access routes will be constructed to the minimum standard possible for safe access to facilitating future reclamation. Nominal width will be approximately 15ft.

Laydown

The proposed laydown is located in a level area alongside an existing road (BLM 359). The area will be used to store equipment that is not in regular use (e.g., dozer and excavator), project materials (drill rod, casing, spare parts) and a porta-john during drilling. Locks on project trailers and equipment will be utilized as well as regular monitoring of the site by the project staff (operating 24hr/day). No fencing or permanent structures will be used.

Drill Pads

Drill pads have been located in areas of prior disturbance and/or clearings wherever possible. All drill pads will be constructed at a maximum footprint of approximately 3600 square feet (e.g., 60ft by 60ft), the shape and layout of which will be dictated by minimization of required foliage clearing and leveling/dirt work.

As is best practice for the mineral exploration industry, drill pads will contain a sump for the retention of drill cuttings and water during drilling operations. Sump size can vary, but may typically be dug approximately 15 feet wide, 10 feet long and 5 feet deep. This standard system of water management allows for the percolation and infiltration of water back into the ground while retaining drill cuttings and mud in the sump. Depending on drilling conditions, a two-tiered sump may be constructed to facilitate settling of drilling fines.

Project Operations

Project startup will likely involve at least 1 week of dirt work and maintenance prior to drill rig mobilization. Following access and drill pad preparation, the following equipment may be used to perform and support the exploratory drilling at Stateline:

- One (1) track mounted reverse circulation (RC) drill rig, OR one (1) diamond drill rig
- Drill rod and casing tray (track, truck or skid mounted)
- One (1) to two (2) compressors (track or trailer mounted), OR recirculation system
- Cuttings tank(s)
- One (1) water truck
- One (1) excavator
- One (1) dozer or equivalent
- Two (2) 4x4 pickup trucks
- Up to two (2) ATVs or UTVs as necessary to shuttle crews and supplies
- Water lines/hose, Mud pump and mixing tanks for grouting/cementing of drill holes
- Water tank(s) as needed

- Equipment trailer
- Up to four (4) water supply pumps
- Water line/hose, Mud pump and mixing tanks for grouting/cementing of drill holes

The drill rig, rods, casing, rod tray and support vehicles will be used to conduct the exploratory drilling. This equipment will be used continuously throughout the project until the project is completed.

The water truck will be used to haul water as needed for drilling (anticipated once per 12-hour shift).

Pickup trucks and/or ATVs/UTVs may be used by both Tarsis and its contractors to access the drill pads.

The excavator, dozer, and skid-steer/backhoe will be utilized on an as-needed basis for clearing drill sites, maintenance, and reclamation. This equipment will be stored at the laydown site when not in use.

Drilling will be conducted in 12 hour shifts and may be continuous (24 hours a day) for the project.

Hazardous Substances

Hazardous materials and toxic substances will not be utilized for this program. Refueling the drill rig and lubricating the mechanical parts will utilize the following materials that could pose a hazard:

- Petroleum products, oils, lubricants and fuels including diesel and gasoline

Refueling and relubrication of the drill rig and its components will occur on an as-needed basis. Transportation of fuel and materials to an active drill rig will occur using DOT-compliant fuel tanks mounted on 4x4 pickup truck support vehicles. All storage of fuel and lubricant materials at the proposed laydown will be in DOT-compliant containers that are properly labeled and signed. Adequately sized secondary containment will be utilized for all petroleum storage. Petroleum product-specific spill kits will be available at all sites, and in all vehicles, where petroleum products are stored or utilized.

No hazardous drill fluid additives will be used for this project.

Drill Hole Parameters

Drilling will constitute the development of a borehole using an RC or coring drill rig. RC drilling will produce chips of rock that are bagged on site for analysis. Coring will produce drill core that will be boxed on site and transported off site for analysis. A total of 5 drill holes will be conducted from the 5 drill pads. Anticipated depth range is between approximately 200 feet and 700 feet, with an average of 375 feet. Drill holes will be drilled at both vertical and angled inclinations. Total anticipated drill footage for the project is approximately 2300 feet.

Weed Control Plan

During project operations, propagation of noxious weeds will be deterred by:

- Washing vehicles prior to arrival on site
- Washing vehicles periodically as program continues

Abandonment and Reclamation

Drill Hole Abandonment

Drill hole abandonment and reporting will be performed in accordance with all applicable Colorado State and federal rules and statutes. Drill holes will be permanently abandoned upon completion, prior to the drill rig moving to the next drill hole/drill pad. The permanent abandonment process is designed to prevent the comingling or interaction of surface water and groundwater (e.g., bentonite gel from bottom to within 30ft of surface, followed by an upper cement cap).

Drill Pad Reclamation

Reclamation of project infrastructure will occur concurrently with and following drill program completion. Reclamation will comprise:

- Filling sumps following project completion
- Regrading drill pads to pre-existing contours and spreading stockpiled topsoil
- Revegetation of drill pads, to include scarifying and spreading BLM and/or DRMS-specified reclamation seed mix
- Stabilizing medium will be used as needed/instructed, and slash materials will be distributed over the drill pad to aid in flora regrowth
- State-held bond release will be predicated on successful completion and verification of the revegetation process

Health, Safety and Environmental Considerations

Tarsis has developed the Stateline drill program in accordance with its best management practices and the input of federal and state regulatory agencies. No activities proposed for this exploratory boring program are anticipated to negatively impact the accessibility, safety, usability or enjoyment of public land.

Additional Permits & Requirements

Tarsis anticipates requiring the following permits for the proposed Stateline drill program:

1. *Permit* - BLM Notice of Intent (for operations on BLM land)
2. *Permit* - Colorado Department of Reclamation, Safety and Mining (CO DRMS) Notice of Intent
3. *Permit* - San Miguel County Two Step Special Use Permit
4. *Permit* - State of Colorado NPDES (SWPPP)
5. *Requirement* – Site visit with San Miguel County staff

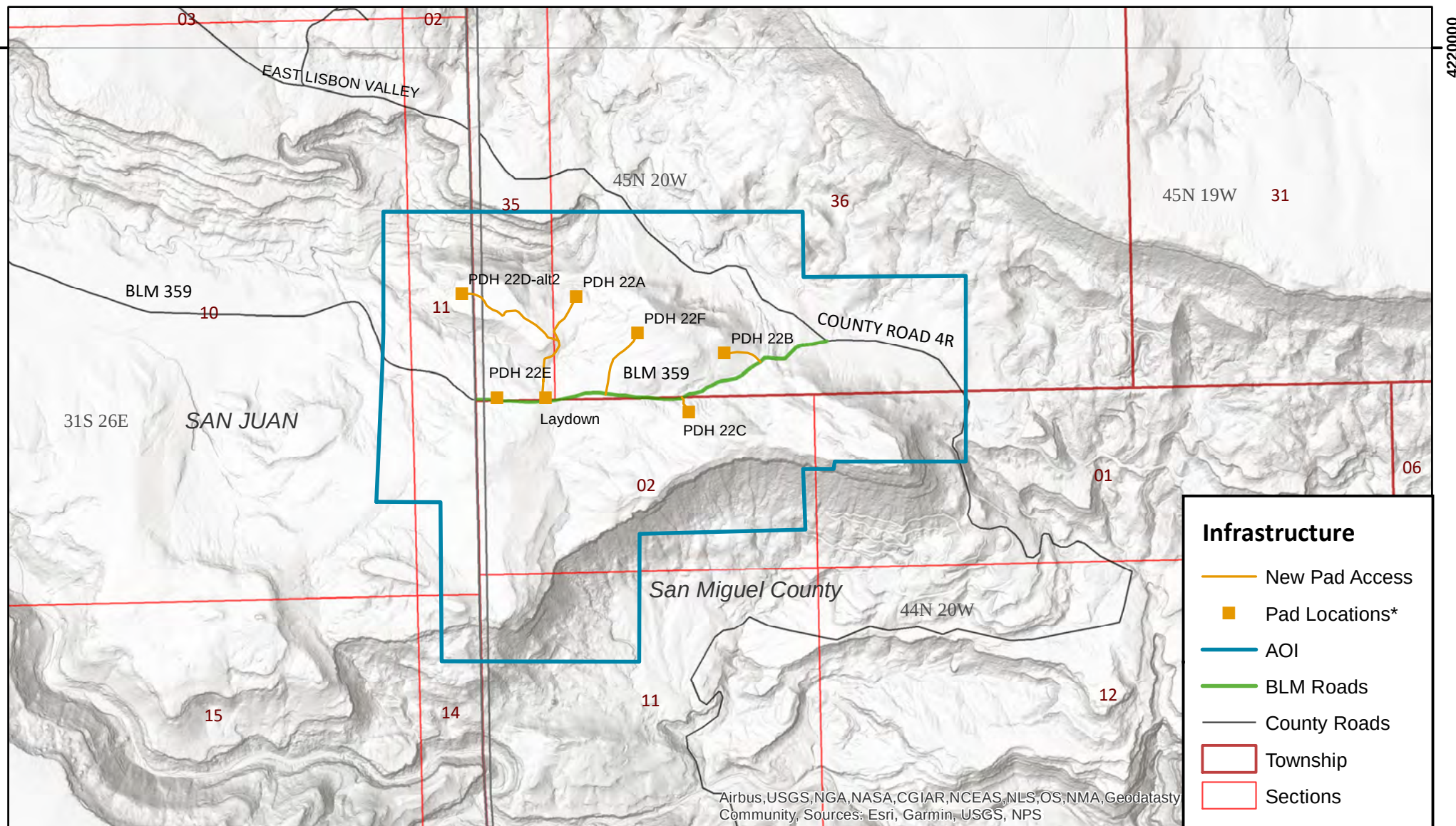
Attachments

1. Project Maps
 - a. Project area
 - b. Project infrastructure
2. BLM serial numbers for active claims held by Alianza
3. Copy of Colorado DRMS/BLM Notice of Intent
4. Copy of Pre-Application Conference Summary Sheet

Attachment 1: Project Maps

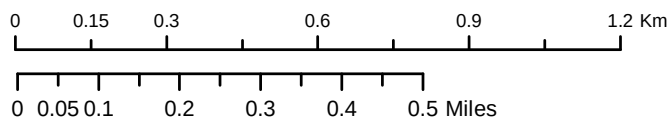
Map 1: Project area 100k scale

Map 2: Project infrastructure in 15k scale

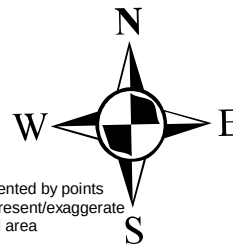


Prepared by:
Big Rock Exploration, LLC
Date: 10/25/2022

Alianza Stateline Project Drill Plan Permit- Overview



1:15,000
1 cm = 150 m
1 in = 1,250 ft



*Pad locations are represented by points
and do not accurately represent/exaggerate
the extent of the impacted area

Coordinate System: NAD 1983 UTM Zone 12N
Projection: Transverse Mercator
Datum: North American 1983

Attachment 2: Property owner authorization and disclosure and proof of ownership

BLM Serial Numbers for Active Claims held by Alianza

All in San Miguel County, Sections 1,2,35,36. Townships 44 & 45 North. Range 20 W		
BLM Lode Claim Serial Number Range		
CO105257399	To	CO105257413

Attachment 3: Copy of Colorado DRMS/BLM Notice of Intent



410 – 325 Howe Street
Vancouver, BC, V6C 1Z7 Canada

October 31st, 2022

Bureau of Land Management
Tres Rios Field Office

Attn: Bryan Clappe

29211 Highway 184
Dolores, CO 81323

Mr. Clappe,

This Notice of Intent (NOI) to conduct exploratory borings on Bureau of Land Management land is being submitted by Big Rock Exploration LLC on behalf of Tarsis Resources US Inc (the "Company", EIN: 35-2559380), a wholly owned subsidiary of Alianza Minerals Ltd, for the Stateline Exploratory Drill Program (the "Project").

The proposed Project comprises exploratory drilling from drill pads constructed on federal unpatented lode mining claims in San Miguel County, CO and San Juan County, UT. Per discussion with BLM Tres Rios and Moab District staff, this NOI is being submitted for the Colorado only portion of the project. The Company has initiated communication with other agencies to ensure proper compliance of all federal, state and local regulations for the Project.

The information presented within this Application reflects the most up to date project details at the date of submittal, and all reasonable efforts have been made to verify the accuracy and validity of information regarding the proposed activities for exploratory drilling and associated reclamation.

Additionally, we have authorized Big Rock Exploration ("Big Rock") as the lead contractor and agent for related communications, process and management of the proposed Project. This cover letter may act as an authorization letter to initiate Big Rock in such capacity. Ultimately, Big Rock is working at the request of the Company to aid in the safe and successful management of the project.

If there are any questions or concerns, please do not hesitate to contact me. Thank you in advance for your time and attention.

Regards,

A handwritten signature in blue ink, appearing to read "Rob Duncan", is written over a light blue circular background.

Rob Duncan
VP Exploration
Alianza Minerals Ltd



COLORADO

Division of Reclamation,
Mining and Safety

Department of Natural Resources

1313 Sherman Street, Room 215
Denver, CO 80203

Form 1 (DRMS Use and Confidential File) NOTICE OF INTENT TO CONDUCT PROSPECTING OPERATIONS FOR HARD ROCK/METAL MINES

CHECK ONE:

- ☐ **There is an NOI Number Already Assigned to this Operation** (Please reference the file number assigned to this operation) NOI # P- -
- ☒ **New NOI**
- ☐ **Modification to an Existing NOI** (Provide for Modifications to an existing NOI) NOI# P- .

GENERAL OPERATION INFORMATION

Type or print clearly, in the space provided, ALL information described below.

I. GENERAL INFORMATION

1. DATE NOI RECEIVED BY THE DIVISION:

(office use only)

2. PROJECT NAME: Stateline Exploratory Drilling Project

3. PROSPECTOR:

Rob Duncan

Name

VP Exploration

Title

Tarsis Resources US Inc

Company Name

PERSON MLRB SHOULD CONTACT:

Gabriel Sweet

Name

VP Operations

Title

Big Rock Exploration LLC

Company Name



241 Ridge St, Suite 210

Street

P.O. Box

Reno, NV 89501

City, State, Zip

(604) 687-3520

Telephone

(888) 889-4874

Fax

2505 W Superior St

Street

P.O. Box

Duluth, MN 55806

City, State, Zip

(781) 715-5016

Telephone

()

Fax

4. **APPLICATION FEE: \$86.** (NOIs require an **\$86** fee which must accompany this notice or it cannot be processed by the Division).

5.

LOCATION INFORMATION:

County:

San Miguel County

Principal Meridian (check one):

☒ 6th (Colorado)☒ 10th
(New Mexico)☐ Ute

Section (write number)

2 / 35, 36

TOWNSHIP

44 / 45

N

☒

S

☐

RANGE

20

E

☐

W

☒

QUARTER SECTION (check one):

NE ☐ NW ☐ SE ☐ SW ☐

QUARTER/QUARTER SECTION (check one):

NE ☐ NW ☐ SE ☐ SW ☐

GENERAL DESCRIPTION: (the number of miles and direction to the nearest town and the approximate elevation):

Approximately 23 miles NNW of Dove Creek, CO

NOTE: Supply longitude and latitude or UTM coordinates if lands have not been surveyed or as supplemental information to this NOI. GPS measurements will be acceptable for this purpose:

Lat: _____ X: 672000 (WGS84 UTM Z12N)

Long: _____ Y: 4219000 (WGS84 UTM Z12N)

6. LAND OWNERSHIP:

☐ Private

 ☒ Public Domain (BLM)

 ☐ National Forest (USFS)
☐ State

 ☐ State Sovereign Lands

 ☐ Other (please describe) _____

If prospecting is located on BLM or USFS land the remaining section must be completed, otherwise go to section II Maps & Drawings

7. PROSPECTING ON BUREAU OF LAND MANAGEMENT (BLM) LAND AND U.S. FOREST SERVICE (USFS) LAND

The Division and the BLM/USFS have entered into cooperative agreements that eliminate the need for a prospector to post a financial warranty with each agency and allow them to coordinate the review of the NOI in order to minimize administrative processing time and effort.

A. CLAIMANT:

Name Tarsis Resources US Inc
 Address 241 Ridge St, Suite 210
 City, State, Zip Reno NV, 89501
 Telephone (604) 6873520
 Fax (888) 8894874

B. SITE/CLAIM INFORMATION:

List names, serial numbers and provide legal description to nearest quarter-quarter section of all sites or claims (attach additional page, if necessary).

NAME

SERIAL NUMBER

LEGAL DESCRIPTION

See Attachment 1

C. LOCATION MAP: Attach a USGS 7.5 minute quad, or similar map of adequate scale, which locates the prospecting site(s).

D. Are prospect sites (e.g., drill holes, trench locations, etc.) staked on the ground?

Yes



No



E. Specify the Land Management Agency, Address and Telephone Number:

Agency

Bureau of Land Management - Tres Rios

Address

29211 CO-184

City, State, Zip

Dolores, CO 81323

Telephone

(970) 882-1120

F. The prospector is required to document that the NOI has been sent to the BLM or the USFS. Processing of the NOI will not begin until the prospector has submitted evidence acceptable to the Division that the NOI was sent to the BLM or USFS. Check one:



Evidence of notification is attached to this NOI for BLM Land



Evidence of notification is attached to this NOI for USFS Land.



Other proof of notice is attached to this NOI

II. MAPS & DRAWINGS

An accurate topographic base map showing the location of the proposed project must be submitted with this notice. The prospector may submit a U.S.G.S. 7.5 minute quadrangle, or similar map of adequate scale that:

1. Identifies the proposed prospecting site(s) or activity areas involving surface disturbance. Activity areas include all drill holes, mud pits, excavations, trenches, adits, shafts, tunnels, rock dumps, stockpiles, impoundments and prospecting roads, and
2. Includes sufficient detail to identify and locate known prospecting features and facilities that may be affected and those that are not anticipated to be affected. This includes the location of all drill holes, mud pits, excavations, trenches, adits, shafts, tunnels, rock dumps, stockpiles, impoundments and prospecting roads. Color photographs, adequately labeled (including date, orientation and location), of the prospecting site may be used to fulfill this requirement if included with the NOI submittal.

III. PROJECT DESCRIPTION

1. Mineral(s) and/or Resource(s) being Investigated:

copper

2. Estimated dates of commencement and completion:

Commencement:

1 / 01 / 2023

Completion

1 / 01 / 2025

3. Amount of material (specify units) to be extracted, moved or proposed to be moved:

411

Units

cubic yards

*N*Not inclusive of sumps, below

Identify the type or method of prospecting proposed and quantity (place an "X")

☐ Cuts

☐ Pits

☐ Trenches

☐ Shafts

☐ Tunnels

☐ Adits

☐ Declines

☒ Air Drilling

☒ Fluid Drilling

☐ Drilling and Blasting

5. Describe proposed surface excavation or other land disturbance, including roads, pits, trenches, waste piles, drill pads and collar areas of underground workings, ponds, etc.

see attachment 1

6. Proposed Disturbance (approximate) Describe the proposed drilling to be conducted, including anticipated number of holes, diameter, depth, location, etc. Submit additional pages if necessary:

A. Drill Pads:

Quantity	<u>5</u>	Average Width (ft)	<u>60</u>	Average Length (ft)	<u>60</u>
----------	----------	--------------------	-----------	---------------------	-----------

B. Drill Holes:

Quantity	<u>5</u>	Depth (ft)	<u>approx 200-600</u>	Diameter (in)	<u>HQ @ 3.75 OD</u>
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C. Mud Pits

Quantity	<u>5</u>	Average Width (ft)	<u>15</u>	Average Length (ft)	<u>10</u>	Average Depth (ft)	<u>5</u>
----------	----------	--------------------	-----------	---------------------	-----------	--------------------	----------

- D. Described proposed underground work, including reopening of old workings, advancement of adits or shafts, trenches, pits, cuts, rock dumps, or other types of disturbance, describe type, quantity and general dimensions:

NA

E. Other Disturbances (please describe)

New temporary minimum standard access routes (~3,359 linear feet); plus maintenance of an approximate 1,365 ft long segment of the unmaintained BLM Rd 359. Additionally a lay down area will be added with maximum dimensions of 100 feet by 100 feet or 0.23 acres.

F. Indicate Chemicals and Fuels used or stored on site. List type, quantity and method to store.

Petroleum fuels (diesel), oils/lubricants (machinery)

Transportation of fuel and materials to an active drill rig will occur using DOT-compliant fuel tanks mounted on 4x4 pickup truck support vehicles. All storage of fuel and lubricant materials at the proposed laydown will be in DOT-compliant containers that are properly labeled and signed. Adequately sized secondary containment will be utilized for all petroleum storage. Petroleum product-specific spill kits will be available at all sites where petroleum products are stored or utilized.

G. New Roads:

Length (ft):	<u>3,359</u>	Width (ft):	<u>15</u>
--------------	--------------	-------------	-----------

Significantly
Upgraded Roads

Length (ft):	<u>1,365</u>	Width (ft):	<u>15</u>
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Are culverts or other crossings proposed? If so, please describe:

NA - All drainage crossings will be constructed, if needed, using proximal materials (e.g., rock cobbles) so as to avoid future maintenance. No culverts or other man-made materials will be used for drainage crossings.

H. Total project area to be disturbed (acres) 1.15 ac (rds) + 0.64 ac (pads & laydown) = 1.79ac

I. Describe the equipment to be used for the prospecting operations:

see Attachment 1

J. Describe and locate any structures to be constructed (i.e. stockpiles, ponds, impoundments):

NA

K. Describe anticipated relationship to surface water and groundwater (proximity to streams, penetration of ground water aquifers):

See Attachment 1

IV. OPERATION AND RECLAMATION MEASURES:

1. The Board suggests that a photographic record of the pre-prospecting and post-prospecting conditions be kept by the prospector. These photos should be taken from the same location and by the same method to clearly show the pre-prospecting condition of the land and the reclamation efforts. Upon completion of reclamation and request for bond or surety release, the Board may consider the photos as evidence of adequate reclamation, and thus be able to act more quickly on the request for release.
2. Provide a description of the native vegetation of the area to be disturbed, including tree, shrub, and grass communities of the area. Color photographs, sufficient to adequately represent the ecology of the site and adequately labeled (including date, orientation and location), may be used in lieu of a written description. Based on the quality of the photographs, the Division may require additional detail.

Small sagebrush flats with surrounding mature pinion and junipers on the flats and slopes; topography is locally steep. Level areas and areas of prior disturbance have been emphasized in the placement of access routes and drill pads in order to minimize new surface impact for this project. Photographs of proposed drill pads and road improvements are retained; photos of the pads are attached to this document.

Where new access and/or drill pads are proposed in areas that have not been recently disturbed, removal of mature foliage will be avoided to the greatest extent possible.

3. Describe the estimated topsoil depth and how topsoil will be salvaged, stockpiled and redistributed for the re-establishment of vegetation. Specify approximate topsoil redistribution depth:

Topsoil depth not known at this time, and will range from not present to present at unknown depth.

Where present, topsoil will be stockpiled on drill pads and/or temporary access route edges, and will be used as final cover spread evenly after initial regrading. Exact quantities and methods will depend on quantity of topsoil present at each individual drill pad location and/or access route alignment.

4. Describe how drill holes will be plugged (refer to Rule 5.4 of the Rules for required abandonment procedures):

Drill holes will be permanently abandoned upon completion of each drill hole, prior to the drill rig mobilizing to the next pad or starting the next hole. Drill holes will be abandoned by pumping/tremie piping bentonite abandonment gel (or similar) to depth, and capping the upper 30ft with cement (at least 5ft into bedrock).

5. Describe how portals, adits, shafts, ponds, excavations, or other disturbances will be reclaimed (refer to Rule 3 and Rule 5 for specific reclamation performance standards). You may wish to contact the Division for closure specifications.

Drill pads will be reclaimed following the completion of Project. Where present, sumps will be backfilled once water has drained. Cuttings may be buried in sumps, or removed off-site where burial is not possible. Stockpiled excavated soils and materials will be used to recontour all disturbed areas using a dozer (D6 or similar) and/or an excavator. BLM-approved seed mixes will be distributed over the disturbed area following local stabilization and/or surface ripping as needed. Felled trees, slash and other flora will be spread across the pad area to encourage native vegetation regrowth and prevent future access and/or disturbance of reclaimed areas.

6. Describe how roads will be reclaimed or returned to their pre-prospecting (or better) condition:

See Attachment - Reclamation will be specific to BLM and County needs for each area of proposed activity.

7. List the seed mixture to be used in the re-establishment of vegetation. See the attached seed mixture calculation to obtain PLS/acre. For assistance with formulating seed mixtures and rates, contact the local NRCS if on private land, BLM/USFS if on public land or State Land Board if on state land.

A. Plant name and seeding rate:

Plant Name

Seeding Rate (PLS/Acre)

See attached

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There are approximately 20 lines visible. The paper appears to be a standard notebook page or a sheet of stationery. The edges of the paper are slightly irregular, suggesting it might be from a bound volume. There is no handwriting or other markings on the page.

B. Describe the method for seed bed preparation, and application method for grass/forb seeding:

- Recontour as needed
- Rip ground as needed
- Stabilize ground as needed
- Reseed with BLM/DRMS/SMC-approved seed mix
- Spread brushed/cleared materials across road or pad, or as directed by BLM/DRMS/SMC to restrict access/disturbance of reclaimed areas
- If possible, distribution of seed will occur as close as possible to first snow fall of the year

V. TERMS AND CONDITIONS FOR PROSPECTING OPERATIONS:

1. Reclamation measures shall be fulfilled in a timely manner and completed within five (5) years of completion of prospecting activities.
2. The prospecting operations described in this Notice will be conducted in such a manner as to minimize surface disturbances. In addition to the measures required in Rule 5, precautions to be taken include:
 - A. Confinement of operations to areas near existing roads or trails, where practicable. Existing roads which are to remain as permanent roads after prospecting activities are completed shall be left in a condition equal to or better than the pre-prospecting condition;
 - B. Drilling shall be conducted in such a way as to prevent cuttings and fluids from directly entering any dry or flowing stream channel. Drill cuttings must be spread to a depth no greater than one-half (1/2) inch or buried in an approved disposal pit;
 - C. Proper and timely abandonment of drill holes upon completion of drilling;
 - D. Reclamation of affected lands upon completion of operations or phases of an operation;;
 - E. Backfilling and revegetating any pits to blend in with the surrounding land surface;

- F. Safeguarding mine entries, trenches and excavations from unauthorized entry at all times;
 - G. Disposal of any trash, scrap metal, wood, machinery, and buildings;
 - H. Control of noxious weeds within the area affected by the prospector.
3. The prospecting operations shall be conducted in such a manner as to comply with all applicable local, state and federal laws and regulations including applicable state and federal air and water quality laws and regulations.
 4. The prospecting operations shall be conducted so as to minimize adverse effects upon wildlife to include covering of open drill holes until properly plugged.
 5. During the prospecting operations, the operator will perform the necessary stabilization and reclamation work to ensure those areas affected by prospecting activities are erosionally and geotechnically stable.
 6. All prospecting operations shall be in compliance with the Colorado Mined Land Reclamation Act, as amended (34-32-101 et seq. C.R.S.), and all rules and regulations currently in effect or promulgated pursuant thereto. See 2 CCR 407-1, Mined Land Reclamation Board Hardrock /Metal Mining Rules.

VI. ADDITIONAL TERMS AND CONDITIONS FOR PROSPECTING ON BLM/USFS LANDS

1. The prospector will supply a copy of this NOI to the appropriate BLM and/or USFS office.
2. The prospector authorizes the MLRB to discuss the information in this Notice of Intent with the BLM and/or USFS.
3. If on BLM land, the prospector will complete reclamation to the standards described in 43 CFR 3809.1-3 (d) and implement reasonable measures to prevent unnecessary or undue degradation of lands during operations.

VII. FINANCIAL WARRANTY

A financial warranty must be provided for the cost of reclamation of the disturbance described in this Notice. The prospector can either file a "One Site Prospecting Financial Warranty" or a "Statewide Financial Warranty." **The financial warranty must be submitted and approved by the Division prior to entry upon lands for the purpose of prospecting.**

A One-Site Prospecting Financial Warranty is usually filed by individuals or companies where prospecting activities are limited to a single area. It must be filed in the amount of \$2,000 per acre for land to be disturbed, or such other amount as determined by the Division, based on the projected costs of reclamation. A Statewide Financial Warranty is usually filed by companies with multiple prospecting sites. It must be filed in an amount equal to the estimated cost of reclamation per acre of affected land for all anticipated sites statewide. (You may increase the statewide bond at any time in order to cover additional or expanded prospecting activities.)

VIII. SIGNATURE REQUIREMENT

Please place your initials on the line provided:

R.D. I hereby verify that the foregoing information is true and accurate and commit to the reclamation of the aforementioned prospecting site as required by the Colorado Mined Reclamation Act and the rules as specified in the Hard Rock/Metal Mining Rules and Regulations and this NOI form.

R.D. I have enclosed the required permit fee.

R.D. I authorize the Division to contact and copy the BLM and/or USFS on any correspondence related to the prospecting operation, if the prospecting operation is located on federal public land.

R.D. I have also enclosed the appropriate reclamation surety amount or will post an amount as determined by the office, based on the projected costs of reclamation.

R.D. I understand that I am not authorized to create any surface disturbance until the surety amount is posted and approved in writing from the Division of Reclamation, Mining and Safety.

R.D. I accept and agree to comply with the foregoing terms and conditions and with all of the provisions of Rules 3 and 5, and C.R.S. 34-32-101.

R.D. I hereby certify that concurrent with submittal of this NOI to the Division, I have sent notice to the Boards of County Commissioners in the counties where the proposed activities will occur. This notice also indicated that non-confidential information regarding the proposed activities will be available for review at the Division's website.

This form has been approved by the Mined Land Reclamation Board pursuant to section 34-32-113, C.R.S., of the Mined Land Reclamation Act. Any alteration or modification of this form shall result in voiding any NOI issued on the altered or modified form and subject the operator to cease and desist orders and civil penalties for operating without a NOI pursuant to section 34-32-123, C.R.S.

I, the undersigned, being the NOI holder or the person authorized to sign on behalf of the NOI holder, declare that the information given in this NOI form is true and correct.

SIGNATURES MUST BE IN BLUE INK

Signed and dated this 2ND day of November, 2022
(date) (month) (year)

Signature of NOI holder or person authorized to sign: 

Name (typed or printed):

Title/Position:

Rob Duncan
VP Exploration

M:\min\oss\slb\MineralsForms\ProspectForm2
30 Aug 2017

Attachment 1

Supplemental Information for Alianza Stateline Drill Program Utah BLM
NOI application.

TARSIS RESOURCES US INC – Stateline Exploratory Drilling Project

NOI – Supplemental Information

10/31/2022

I. General Information

All in San Miguel County, Sections 1,2,35,36. Townships 44 & 45 North. Range 20 W

BLM Lode Claim Serial Number Range		
CO105257399	To	CO105257413

II. Maps and Drawings

See attached maps, including:

1. Project area (100k scale)
2. Project overview (15k scale)

III. Project Description**5. Describe proposed surface excavation or other land disturbance, including roads, pits, trenches, waste piles, drill pads and collar areas of underground workings, ponds, etc.**

Five drill pads (5) of maximum approximate dimensions of 60ft x 60ft (3600 sq ft) will be constructed via clearing, leveling/grading as needed in the project area. Sumps will be excavated where possible for cuttings management (details below). One (1) laydown will be located along BLM 359 with maximum approximate dimensions of 100ft x 100ft (10,000 sq ft) and will be used for storing equipment and materials. All efforts have been made to locate drill pads and laydown in areas of prior disturbance, level areas and/or clearings to minimize new impact to the project area.

Project Access – Existing Access Routes

The project area will be accessed from the west (Utah) via the following existing access routes:

- Lisbon Valley Road
- East Lisbon Valley Road – changes to San Miguel County road CR 4R at the Colorado border
- BLM 359

Existing roads and trails will be used wherever practicable to access the drill pads and project area, and will require maintenance as indicated below.

- A ~1395 linear foot interval of existing road BLM 359 (passing through Sections 35, 36 and 2, T45N, R20W in Colorado) will require moderate improvement that may include:
 - rock/boulder removal

- minor grading
- drainage control

No additional maintenance is proposed for the existing project access routes identified above. Tarsis and its contractors will provide maintenance during project operations to ensure that any degradation of existing access routes is repaired in a timely manner.

Project Access – Temporary New Access Routes

Access to specific drill pads will require the development of temporary, minimum standard access routes of approximately 15 feet nominal width. For the purposes of this project, temporary access routes will originate from existing BLM 359 only.

Approximately 3,359 linear feet of temporary access routes is proposed, including:

- 1118 lft to pad PDH-22A
- 103 lft to pad PDH-22B
- 154 lft to pad PDH-22C
- 968 lft to pad PDH-22D
- 664 lft to pad PDH-22F

No new access road is required for the proposed laydown or pad PDH-22E.

6. Proposed Disturbance (approximate) Describe the proposed drilling to be conducted, including anticipated number of holes, diameter, depth, location, etc. Submit additional pages if necessary

1. Describe the equipment to be used for the prospecting operations:

Equipment on site for this drill program may include:

1. One (1) diamond drill rig or one (1) reverse circulation drill rig
2. Drill rod and casing tray (track, truck or skid mounted)
3. Possible recirculation system or cyclone
4. Cuttings tank(s)
5. One (1) or two (2) air compressor(s)
6. One (1) water truck
7. One (1) excavator
8. One (1) dozer or equivalent
9. Two (2) 4x4 pickup trucks
10. Up to two (2) ATVs or UTVs as necessary to shuttle crews and supplies
11. Water lines/hose, Mud pump and mixing tanks for grouting/cementing of drill holes
12. Water tank(s) and recirculation as needed
13. Equipment trailer, "seacan" or similar to house weather-sensitive equipment/materials

The drill rig, drill rods, compressor, casing, cuttings tank(s), and rod rack storage will be used to conduct the exploratory drilling. This equipment will be used continuously throughout the project until the project is completed. The water truck will be used to haul water as needed directly to the drill site(s), or to an area where water may be

transferred to drill pads via a water line. 4x4 trucks and UTVs will be used to access the drill sites.

The excavator, dozer, backhoe, etc., will be utilized on an as-needed basis for clearing drill sites, maintenance, and reclamation. This equipment will be stored at the laydown when not in use.

K. Describe anticipated relationship to surface water and groundwater (proximity to streams, penetration of ground water aquifers):

Water will be used for the drilling operations. All water will be sourced from an off-site location from municipal, public or private owners. Water source options are under evaluation by Tarsis at the time of this application submittal. Federal, state and county regulators will be notified of a final water source decision.

Anticipated water consumption is approximately 2,000-10,000 gallons per 12-hour period, dependent on drilling conditions. Water will be transported to the laydown water storage tank, then to drill sites by the water truck and/or pumps and hose on an as needed basis.

Drilling will utilize a sump or portable cuttings tank to retain drill cuttings and water. Where feasible, sumps will be constructed as a temporary pit by an excavator. In the absence of adequate soil cover, a portable cuttings tank will be utilized to efficiently recycle water during the drilling process and collect cuttings. Collected cuttings will be disposed of either in an alternative existing sump (e.g. on another drill pad), or offsite. No hazardous materials will be used for drilling.

Careful considerations of topography and slope for surface water runoff and erosion control has been assessed for all proposed drill pad locations and anticipated surface disturbance. The general small and discontinuous nature of the Project footprint should not impact surface water runoff from average rainfall or other normal weather events.

Where necessary, Best Management Practices (BMPs) will be used to manage drainage and sedimentation during precipitation and snow melt (e.g., berm installation, sediment logs, use of swales and water bars). An example of a BMP installation on a typical drill pad is illustrate in Attachment 3.

Ground and Surface Waters

Tarsis does not anticipate the disturbance of either surface or groundwater during the proposed Project based on available public data from the Colorado Department of Water Resources DWR Well Permit Research interface. The project area does not contain any known wells or other points of ground or surface water documentation. The nearest known water is about 0.70 miles west of the UT/CO state line with a known well 286316 approximately 1.5 miles North. The nearest known surface water is the an ephemeral creek approximately 500 feet north to closest drill pad (PDH-D) and approximately 160 feet below project area.

It is highly unlikely that significant groundwater is encountered during the project. It is important to note that drill holes will be permanently abandoned immediately after completion and prior to rig mobilization to the next drill pad/hole. The permanent abandonment process is designed to prevent the comingling or interaction of surface water and groundwater (e.g., bentonite gel from bottom to within 30ft of surface, followed by an upper cement cap or cement in entirety). The limited window during which a drill hole may remain open during drilling (approximately 1 week) minimizes the opportunity for interconnectivity between surface and/or groundwater and dramatically limits risk to water resources in the area.

Water Monitoring

Ongoing visual inspection of water used during the drilling operations will be conducted regularly to ensure proper capture and flow into the sump and/or cuttings tanks. Each exploratory boring will be grouted/cemented and plugged after the completion of drilling in accordance with State regulations.

IV. Operation and Reclamation Measures

6. *Describe how roads will be reclaimed or returned to their pre-prospecting (or better) condition):*

San Miguel County Roads

No improvements or access spurs are proposed from SMC roads (Country Road 4R). All proposed improvements and new temporary access will be on or originating from Eastern (CO) extension of BLM 359. Improvements approximately ~1365 linear feet to existing BLM 359 will include patching ruts, moving boulders, and grading as needed. All improvements will be made within the existing road bed profile and will not include outboard modifications or improvements.

Reclamation of temporary access spurs from existing BLM 359 will include removal and drainage re-establishment. Temporary access routes will be:

- A. Recontoured
 - B. Ripped as needed
 - C. Reseed following ripping/recontouring with State/County approved seed mix and agreed upon distribution rates
 - D. Spread brush/cleared material to discourage re-disturbance.
7. Reclamation Seed Mixture to be used will meet Federal/State/County requirements. Project operations on nearby BLM ground are required to reseed with the following seed mix/distribution rate.

This mix is formulated for broadcast seeding. If it will be drilled, cut the lbs/ac for each species in half

Common Name	Species Name	Variety	PLS lb/ac
Galleta	Hilaria jamesii	Viva, florets	2.47
Winterfat	Krascheninnikovia lanata	VNS	0.25
Four-wing saltbush	Atriplex canescens	VNS	0.25
Indian ricegrass	Achnatherum hymenoides	Rimrock	3.71
Blue grama	Chondrosum gracile	Alma	0.48
Salina Wildrye	Leymus salinus	VNS	1.03
Needle and Thread	Hesperostipa comata	VNS	2.6
Western Wheatgrass	Pascopyron smithii	Arriba	2.5
Total per acre			13.35 ☐

Supplemental Project Operations Information

Air Quality Plan

No impacts to air quality are expected for this Project. No burn permit or burning will be required for this Project, and all vehicles will comply with exhaust regulations.

Vehicle traffic on roads will be intermittent, and dirt work operations will be limited in footprint and duration. Construction equipment (dozer, excavator, etc.) used for the building and reclamation of drill pads, temporary access routes and existing access route improvements are slow moving and not anticipated to generate significant dust. In the event of dusty conditions, operators will distribute water over utilized project access routes on a bi-weekly basis.

Solid Waste Plan

All refuse, solid waste, garbage, or trash associated with this Notice of Intent will be removed from site on a regular basis and disposed of in proper disposal containers or sites. Human waste will be contained in the Porta-Potty/Porta-John located at the staging area and subsequently transported and disposed of at the proper sites. No refuse, debris or other wastes will be left on site upon project completion.

Hazardous Materials Handling Plan

Hazardous materials and toxic substances will not be used for drilling. The drill rig, dirt works and support equipment will require refueling and lubrication of mechanical parts, and will include:

- Petroleum products, oils, lubricants and fuels including diesel and gasoline

Refueling and relubrication of the drill rig and its components and dirt works machinery will occur on an as-needed basis. Transportation of fuel and materials to an active drill rig will occur using DOT-compliant fuel tanks mounted on 4x4 pickup truck support vehicles. All storage of fuel and lubricant materials will be in DOT-compliant containers that are properly labeled and signed. Additional containment will be in accordance with EPA SPCC regulations. Petroleum product-specific spill kits will be available at all sites where petroleum products are stored or utilized.

Spill Contingency Plan

Equipment will be inspected before and during use to monitor wear and tear of hoses, valves, etc. to prevent spills and leaks. Spill kits will be at all drill sites and laydowns during equipment operation at all

times and will be checked for adequacy regularly. Spill kits may consist of oil/petroleum specific absorbent pads and/or containment booms, absorbent granular material (e.g., kitty litter), contractor bags, tarping and handling materials. Used spill kit materials will be disposed of offsite. In the event of a spill, active containment and cleanup will be initiated and coordinated immediately, and the event communicated with regulatory authorities.

Scenic Values Considerations

Tarsis has taken precautions during Project planning to limit disturbance to scenic values. The drill pads are relatively small, temporary and located along current roadways and/or remote areas to limit disturbance of scenic values. Impacts will be reclaimed with the guidance of DRMS and SMC following project completion, per this document and accompanying permit requirements.

Fish and Wildlife Considerations

There are no known threatened or endangered species that would be affected by the proposed Project. Pending input from BLM and DRMS, Tarsis does not intend to conduct further soil, floral or fauna surveys.

Cultural Resource Considerations

No conflict with cultural resources has been identified on the 5 proposed drill pads or temporary access routes. If cultural resources are identified during Project execution, project operations will cease and enter regulatory authority will be notified. Tarsis does not propose additional cultural surveys at this time.

Rock Characterization and Handling Plan

No mining is proposed for this Project, and no bulk material extraction is anticipated. Drill samples will be collected at the drill site and transported to an off-site facility for processing. Drill cuttings will be buried in sumps and capped with topsoil, or collected for offsite disposal.

Site Communications Plan

Tarsis and its representatives will distribute a general monthly project plan notice to BLM, DRMS and San Miguel County to notify of project plans, traffic expectations, and other relevant information. Tarsis will provide direct project coordinator contact information for questions and/or coordination purposes.

Prior to project initiation, the following local entities will be notified:

1. SMC Planning Department
2. SMC Road and Bridge
3. SMC Sheriff's Department

Traffic Control Plan

Tarsis will post signage at the entrance to the project area (intersection of CR 4R and BLM 359) indicating project traffic notices and presence. Safety, Caution and Controlled Area signs will be posted at intersections as needed during operations, as well as entrances to occupied drill pads. Drill pads will be treated as exclusionary access areas during project operations and will be fenced and/or signed off to all public access.

Daily anticipated project traffic will consist of:

- Shift change – (2) 4x4 pickup trucks or ATVs leaving drill site, (2) 4x4 pickup trucks or ATVs entering site

- Water delivery – 1 transfer of water using water truck per 12-hour shift (to drill site, from drill site)
- Drill site inspection, drill sample pickup, geologist onsite – (1) 4x4 pickup truck or ATV
- Intermittent construction equipment (dozer, excavator) for drill pad development, road maintenance, reclamation

Quality Assurance Plan

The Project actions and tasks are designed to minimize surface, ecological, cultural, and visual impact to the proposed project area. Operators, operator agents and contractors will implement regular monitoring of project parameters, from water usage and road conditions, to concurrent and post project reclamation. Implementation of Tarsis's, contractors' and agents' best management practices for active drill programs includes regular monitoring of drill sites and access routes for safety and cleanliness, and documentation and reporting of any deviations.

Weed Management Plan

All efforts will be made to avoid the spread of non-native and/or noxious flora. Actions related to noxious weed abatement will be guided and directed by the BLM, DRMS and San Miguel County. These actions may include:

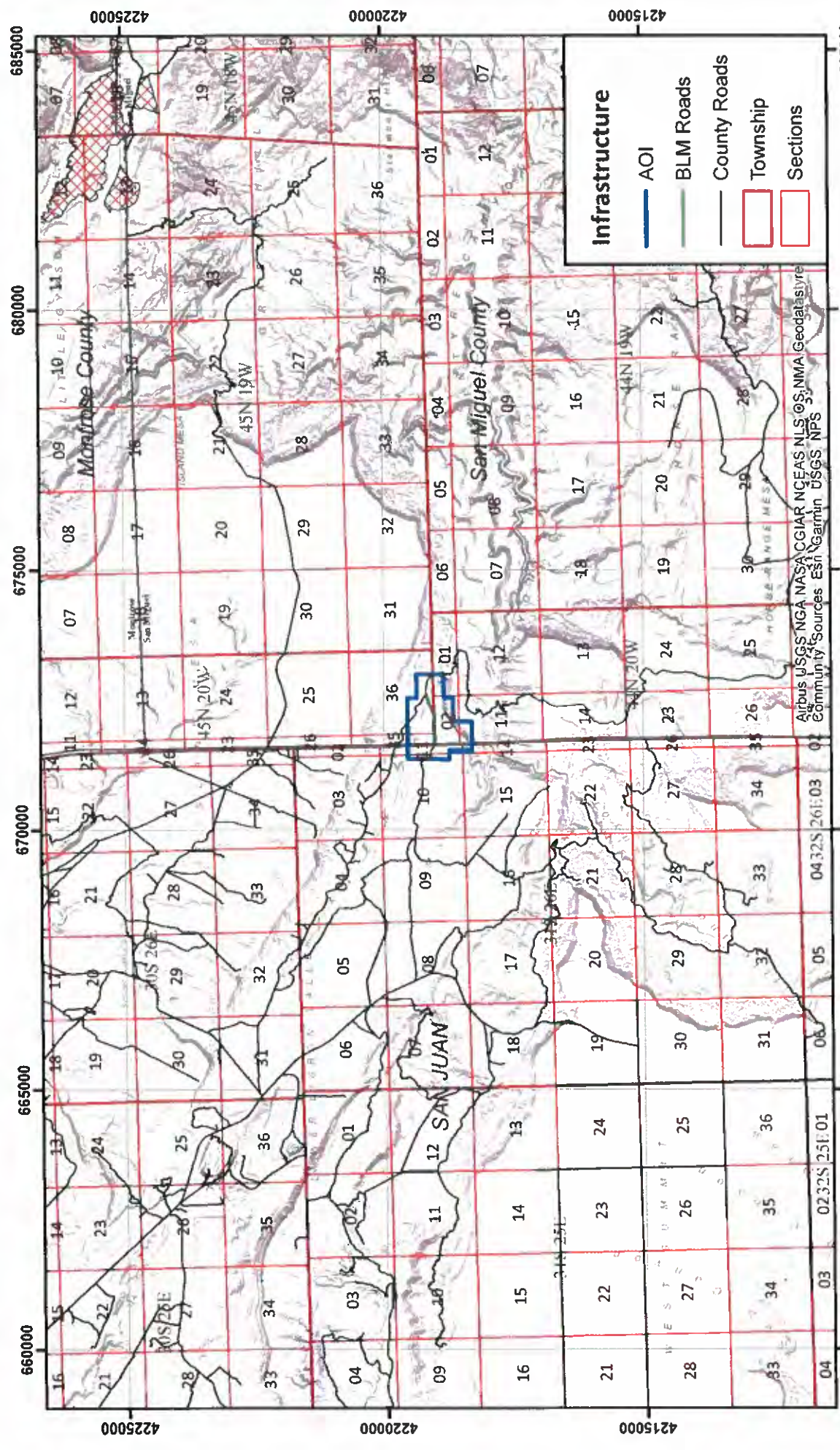
- An initial cleaning of all project vehicles and equipment prior to entering the project area
- Intermittent cleaning of project vehicles and equipment prior to leaving the project area
- Treatment of existing noxious weeds at proposed drill

Other Permits Required for this Project

1. San Miguel County 2-Step Special Use Permit
2. Bureau of Land Management Notice of Intent (NOI)
3. SWPPP permit as needed (CDPHE)

Attachment 2 - Project Maps

1. General Location Map of the Project Area
2. Detailed Project Overview



Infrastructure

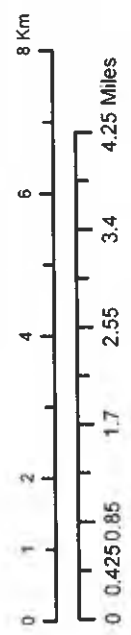
- AOI
- BLM Roads
- County Roads
- Township
- Sections



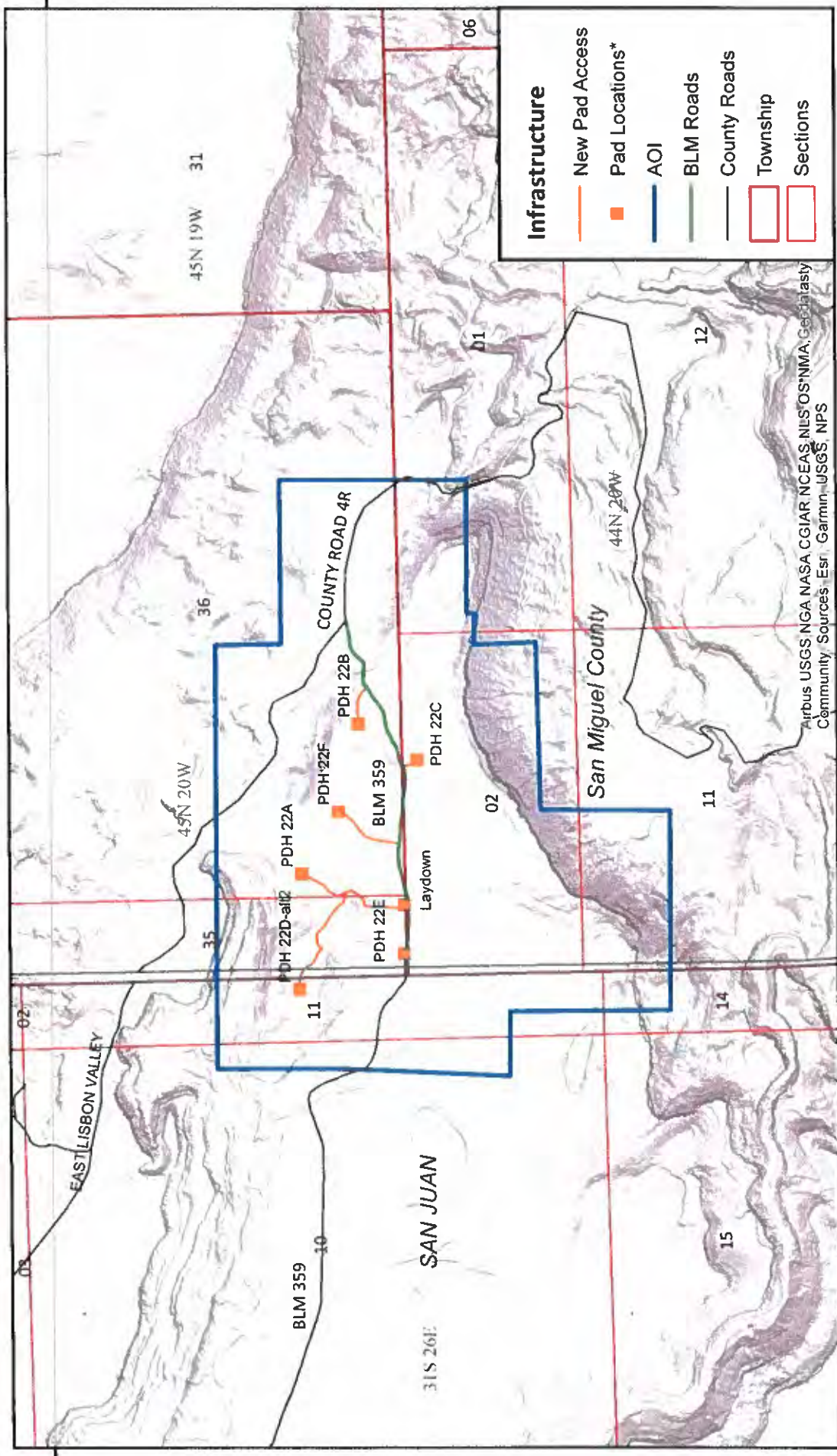
1:100,000
1 cm = 1,000 m
1 in = 8,333 ft

*Pad locations are represented by points and do not accurately represent/aggregate the extent of the impacted area
Coordinate System: NAD 1983 UTM Zone 12N
Projection: Transverse Mercator
Datum: North American 1983

Alianza Project Stateline Project Drill Plan Permit-Overview



Prepared by:
Big Rock Exploration, LLC
Date: 10/18/2022



1:15,000
1 cm = 150 m
1 in = 1,250 ft

*Pad locations are represented by points and do not accurately represent/exaggerate the extent of the impacted area

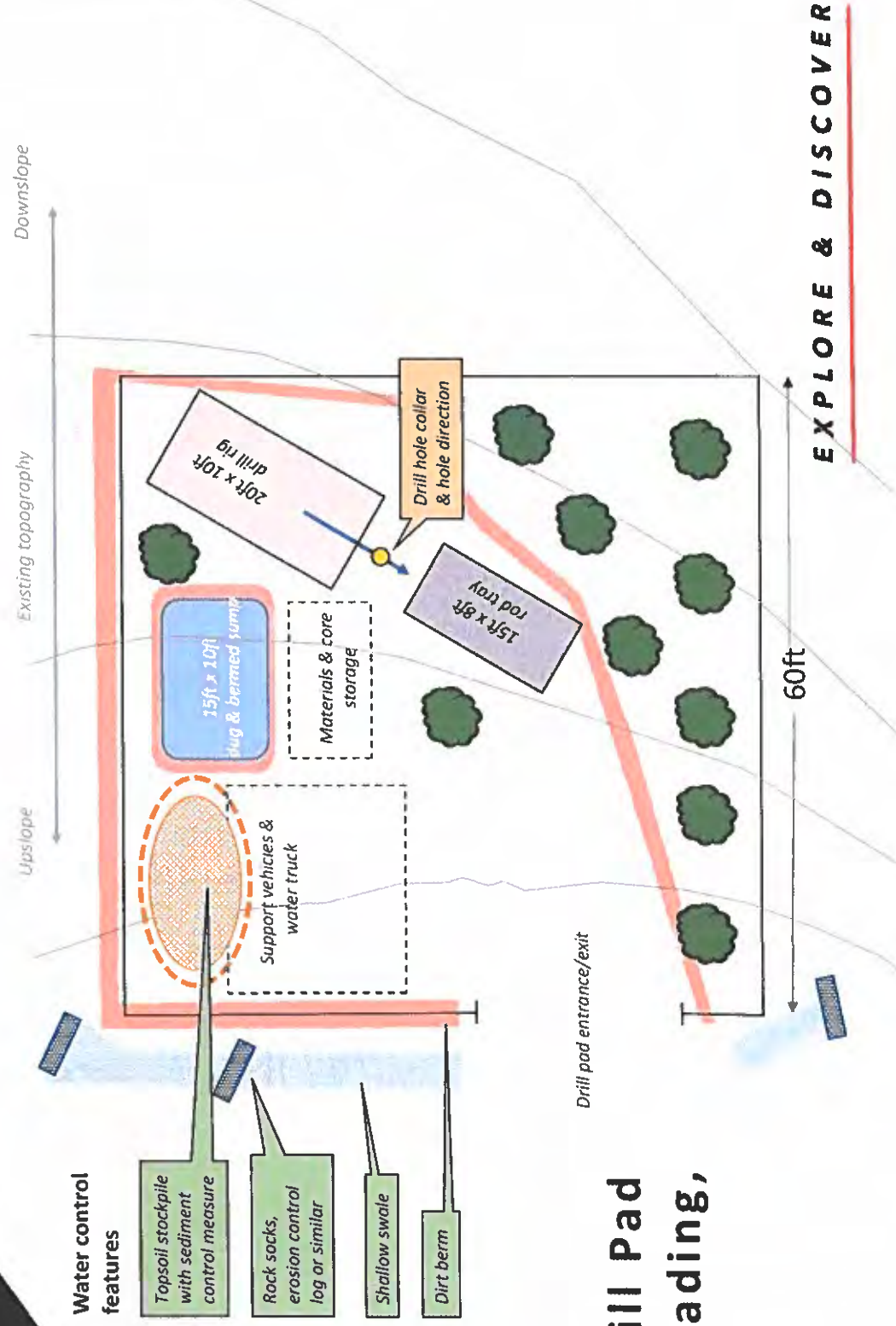
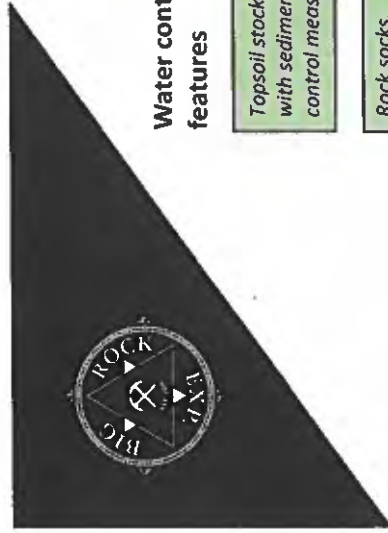
Coordinate System: NAD 1983 UTM Zone 12N
Projection: Transverse Mercator
Datum: North American 1983

Alianza Stateline Project Drill Plan Permit-Overview

Prepared by:
Big Rock Exploration, LLC
Date: 10/25/2022

Attachment 3

Typical drill pad layout and drainage diagram.



Typical Drill Pad Layout, Grading, Drainage

EXPLORE & DISCOVER

Attachment 4

Field reconnaissance photos of drill pads (5) proposed for this project.



PDH-22-A

Status: flat, open, shallow bedrock locally

Access: From BLM Rd 359, then 1,050 ft of new access (partially along a Lisbon Valley Mining Co reclaimed track rig trail)





PDH-22-B

Status: modest incline, open,
Access: 340 ft temp access required from BLM Rd
359





PDH-22-C

Status: flat, some trees and shrubs, on bedrock
Access: 1,630 ft temp access road needed from BLM
Rd 359





ALIANZA
MINERALS LTD

PD-22-E

Status: flat, moderate tree/shrub coverage

Access: alongside existing BLM road 359





PDH-22-F

Status: slight incline, light tree/shrub coverage

Access: requires a 660 ft over-the ground temp access road from BLM Rd 359



Attachment 4: Pre-Application Conference Summary Sheet

Attachment 4: Pre-Application Conference Summary Sheet



PLANNING DEPARTMENT

KAYE SIMONSON, PLANNING DIRECTOR

December 19, 2022

Gabriel Sweet
Big Rock Exploration, LLC
1620 Central Avenue NE, Ste 104
Minneapolis, MN 55413

Via email: gabe@bigrockexploration.com

Re: Pre-application Conference Summary – Allianza Stateline Program, West End (WE) Zone District, Conditional Use on Federal Lands, Mining Special Use Permit

Dear Mr. Sweet,

The purpose of this correspondence is to serve as a Pre-application Conference Summary, in accordance with San Miguel County Land Use Code Section 4-207, for the proposed Mining Exploration on BLM land located near the Utah State line. Based on our pre-application meeting, you are proposing 5 drill pads in Colorado, each measuring about 60 feet by 60 feet, for the purpose of exploring for copper.

Per Land Use Code (LUC) Section 5-320 F. XVII “Conditional uses on federal lands – mineral exploration, mining and logging, subject to applicable state and federal statutes and regulation” requires a Two-Step Special Use Permit through Planning Commission and Board of County Commissioners.

The application shall be reviewed pursuant to applicable policies in LUC Sections 2-1 to 2-35 Land Use Policies, and to applicable standards in LUC Section 5-4, Areas and Activities of Local and State interest/“1041” Environmental Hazard Review, LUC Section 5-10, Special Uses; LUC Section 5-11, Conditional Uses on Federal Lands; and LUC Section 5-16, Mining. Areas of key concern include use of and impacts on County roads; development of access roads, mitigation of impacts to wildlife and natural resources during drilling; and site reclamation.

Submission Requirements

*See Attached **Submission Requirements***

Review Standards

*See Attached **Review Standards***

Scheduling of Application Consideration

Please submit one paper copy and a complete set of electronic files (e.g. thumb drive or e-mail) of the complete application that conforms to all applicable Land Use Code requirements. We may request additional paper copies if it is determined to be the best method to transmit the application to the Planning Commission. The Planning Department can then schedule the application for consideration by the Planning Commission. The Planning Commission meets the second Thursday of each month. A complete application must be submitted at least one month prior to the requested meeting date.

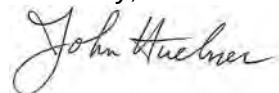
Payment of \$1000 for the Special Use Permit to San Miguel County must accompany the application for it to be considered complete (in accordance with Board of County Commissioners Resolution 2020-35). The applicant is responsible for reimbursement of all copy fees and County Designated Engineer review fees, which includes the initial review and any revisions.

The Planning Department will refer the application to the County Manager, County Attorney, County Road and Bridge, County Natural Resources and Special Projects, County Open Space and Parks, County Sheriff, Colorado Department of Public Health & Environment, Colorado Division of Reclamation, Mining and Safety, US Bureau of Land Management, and Colorado State Parks & Wildlife. Other referrals will be determined upon receipt of the application.

Prior to 20 days before any meeting for which consideration of any land use application is scheduled, the applicant shall **notify by First Class mail** every property owner and condominium unit owner within 500 feet of the perimeter of the subject property as listed in the records of the San Miguel County Assessor. In addition, prior to 20 days before any meeting for which consideration of any land use application is scheduled, the applicant shall **post notice** (*letter and sign to be obtained from the Planning Department*) of the scheduled consideration of the application. Mailing and posting of notice by an applicant prior to a meeting that is not a public hearing shall be carried out pursuant to Section 3-903 A., B. and C. In addition to the notice requirements set forth in Section 3-9, applicants for approval of mining and mineral processing operations shall also be required to provide written notice of a pending application by mailing such notice first class, postage prepaid, no less than 20 days prior to the scheduled meeting date to all owners of property within 1,500 feet of the subject property, and to all municipalities within 3 miles of the subject property. An applicant's failure/refusal to submit the required certification of notice required by C.R.S. §§24-65.5-103(4) and 104(2), will result in the public meeting or hearing being rescheduled to a later date.

Please contact the Planning Department if you have questions. Thank you.

Sincerely,



John Huebner
Senior Planner

Attachments: Submission Requirements
Review Standards

cc: Ryan Righetti, Road and Bridge Director; Starr Jamison, Natural Resources Director

SUBMISSION REQUIREMENTS

Land Use Code Section 4-2 establishes the minimum submission requirements for all development applications:

4-201 General

All applications for land use approvals shall include, at a minimum, the information and materials specified in this section of the Code. During the pre-application conference the Planning Office staff may authorize modifications to the required submission contents.

4-202 Required Background Information

A letter signed by the property owner containing the property owner's name, the applicant's name, address and telephone number, and if applicable, the name, address and telephone number of the representative authorized to act on behalf of the property owner.

4-203 Parcel Description

The street address and current legal description of the parcel on which the development is proposed to occur and an 8-1/2" x 11" vicinity map locating the subject property within San Miguel County.

4-204 Disclosure and Proof of Ownership

A disclosure of ownership of the parcel on which the development is proposed to occur, consisting of a current certificate from a title insurance company or attorney licensed to practice law in the State of Colorado, listing the names of all owners of the property and all holders of subsurface mineral interests of record listed in the real estate records of the San Miguel County Clerk and Recorder, mortgages, judgments, liens, easements, contracts and agreements affecting use and development of the parcel and proof of the owner's right to use the land for the purposes identified in the development application. This shall normally require proof of complete ownership or written consent from all owners. The staff may also request the applicant to supply information regarding the subject property and contiguous property sufficient to indicate that the subject lot was legally created.

4-205 Legal Access

Sufficient information to demonstrate that the applicant has adequate legal access to the parcel for the development proposal.

4-206 Standards Report

A written report demonstrating that the proposed development complies with the applicable substantive review standards.

4-207 Pre-Application Conference Summary Sheet

A copy of the pre-application conference summary sheet provided to the applicant at the pre-application conference.

4-208 Site Plan

A site utilization map shall be submitted. Where applicable, a preliminary or final plat shall also be submitted. During the pre-application conference, the Planning Office may authorize an applicant to consolidate or delete specific maps that may not be applicable to a particular development proposal. The 24" x 36" site utilization maps must be folded to fit within a legal-size folder with the name of the application visible. Site maps shall include identification of Areas of Local and State Interest as set forth in Section 5-4 and Wetland Areas as set forth in Section 5-22, for all areas where development activity is proposed.

4-209 Copies of Application

During the pre-application conference the staff shall specify the number of copies of the application to be submitted, including the number of copies of 24" by 36" maps or plats, if applicable. The Planning Office may authorize the submission of application materials, including maps and plats, in electronic format in lieu of paper copies.

4-210 Revegetation Plan

A plan for revegetation of all surfaces disturbed in conjunction with Development that employs predominantly native species, includes replacement of topsoil and specifies a maintenance schedule and techniques.

4-211 Weed Control Plan

A plan for control of noxious weeds, as listed in the San Miguel County Weed Identification List, for all surfaces disturbed in conjunction with Development. Disturbed surfaces over one (1) cumulative acre in size will require bonding for revegetation and weed control.

4-212 Employee Housing Mitigation Plan

A plan that complies with Section 5-13 of this Code to provide appropriate employee housing mitigation for the proposed development in the R-1 School District, if applicable.

Review Standards

SECTION 5-10: SPECIAL USES

5-1001 General

This section of the Code establishes the application submittal requirements and review standards applied to review Special Use permit applications for land uses designated as an allowed use in a zoning district. An allowed use may be established if approved subject to Special Use permit review to assure the use is located, designed and operated in harmony with neighboring properties and the surrounding area and does not adversely affect the public health, safety and welfare. Special Uses may or may not be appropriate in certain locations depending on degree of conformance with adopted, relevant standards and policies. For certain Special Uses these standards may supplement special standards for specific uses. Refer to Section 3-5 for one-step review procedures, Section 3-6 for two-step review procedures and Section 4-7 for submission contents.

5-1002 Review Procedures

- I All applications for Special Uses and other uses that require special review are subject to either a One-step Planning Commission or Board of County Commission review or Two-step Planning Commission and Board of County Commission review, as designated in the zoning district standards.
- II All Special Uses requiring One-step and Two-step Review, except Oil and Gas Exploration and Development (pursuant to Section 5-26), shall comply with the standards in this section.
- III. All uses that may be established in a zoning district can be permitted by Special Use permit review but only if the proposed use meets the following criteria as applicable and upon approval of the reviewing board(s), subject to any additional conditions and mitigation measures.

5-1002 A. Application Requirements

All applications for Special Uses shall include at a minimum, the information and materials specified in Land Use Code Section 4-2.

- I. The following must also be addressed as part of any application:
 - a. Site plan, photos and/or drawings accurately representing existing conditions and proposed conditions, specifying the location and dimensions of buildings, accessory structures, setbacks from property lines, identification of recorded and apparent easements, specifying areas for all proposed types of land uses, identification of specific land uses, streets and rights-of-way, driveways and access points of ingress and egress, parking, fences, signs, topography, existing and proposed landscaping, and lighting, as well as all adjacent land uses;
 - b. Elevation drawings showing the heights of buildings, or before and after simulations/drawings specifying the height and location of buildings

and support structures, and any accessory uses, fences and signs, and proposed materials and colors;

- c. Written Narrative explaining why the proposed site has been chosen, regarding the function and characteristics of any Building or Use proposed, including: days and hours of operation, number of employees, number of students, number of rooms for rent, etc., communication plan, as applicable, and describe how the proposal meets all applicable Standards and Review Criterion;
- d. Detailed plans, reports and specifications.
 - 1) Traffic and parking plan;
 - 2) Grading, drainage and stormwater management plan;
 - 3) Water/sewer plan: must meet state standards, may include verification of a commercial well permit, and water savings plan;
 - 4) Lighting plan: All exterior lighting shall comply with the standards of Section 5-710;
 - 5) Signage: see Section 5-704 standards;
 - 6) Dust control plan;
 - 7) A noxious weed control plan;
 - 8) Wildlife Plan: see Section 5-407 A.XII.;
 - 9) Additional permits as necessary from other agencies.
 - 10) Detailed engineered plans and specifications by a registered Colorado Professional Engineer as requested by staff or Referral Agents;

5-1002 B. Review Criteria

A Special Use will be permitted only if the reviewing body finds the proposed use meets all relevant requirements. Applicants shall demonstrate through competent evidence that the proposed use meets the following criteria as applicable:

- I. All Applicable Standards. The proposed use shall comply with the minimum requirements of the zone district in which the use is to be established, and will also comply with all applicable requirements of the Code.
- II. Consistency with Master Plan, Land Use Policies, and Zone District.

The proposed Special Use shall be:

 - a. In accordance with the County Master Plan;
 - b. Consistent with County Land Use Policies in Article 2;
 - c. Consistent with the purpose of the Zone District in which it is proposed to be located;
- III. Consistent and compatible with Neighborhood Character. The proposed Special Use shall be consistent, compatible, and not in conflict with the character of the neighborhood and surrounding land uses. It may be an enhancement of the mixture of complementary uses and activities in the Neighborhood of the Parcel proposed for Development;

- IV. Essential for public convenience at the proposed location; and
- V. Designed, located and proposed to be operated so that the public health, safety and welfare will be protected.
- VI. Impacts on Surrounding Area

Consistency and compatibility with the Character of Parcels adjacent to the Parcel shall be expressed in terms of appearance, scale and features, Site design, landscaping, weed control, as well as, the control and minimization of adverse impacts including noise, vibration, dust, dirt, smoke, fumes, gas, odor, explosion, glare, impacts on pedestrian and traffic congestion, parking, trash, service delivery, or other undesirable or hazardous conditions.

- VII. Cumulative Impacts.

If multiple Special Use Permits have been issued for the same property, the uses permitted under the existing permits shall be considered in reviewing the new permit application. If there are other Special Use Permits in the geographic area, the cumulative impacts shall be evaluated. The application may be denied or appropriate conditions may be required on the proposed uses to address or mitigate any incompatibility or cumulative impacts.

- a. The proposed uses must be compatible with the existing uses.
- b. Cumulative impacts of all Special Use Permits on the property and in the geographic area must be considered.

5-1002 C. Public Facilities

Adequate public facilities and services shall exist or shall be provided to serve any reviewable Use including, but not limited to, roads, potable water, sewer, solid waste, parks, police, fire protection, emergency medical, hospital and medical, drainage system and schools.

5-1002 D. Bond Requirement

A bond may be required, as a condition of any reviewable Use permit as deemed necessary by the Board of Commissioners or the Planning Commission, sufficient to cover the cost of Site remediation and/or satisfaction of the other conditions and requirements.

5-1003 Commencement of Approved Special Uses

- I. All approved Special Uses subject to either one-step Planning Commission or Board of County Commissioner review or two-step Special Permit Review shall commence within three (3) years of the date of approval.
 - a. If the permittee has not obtained a Development Permit for the approved Special Use and/or commenced the use or activity, in accordance with the terms and conditions of the approval, within this three (3) year time period, the Special Use shall be subject to review

at a duly noticed Public Hearing by the entity that approved the Special Use.

- b. The purpose of this review is to determine if there has been a change in circumstances since the Special Use Permit was granted and to determine if the Special Use meets or complies with the review standards for Special Uses set forth in Land Use Code Section 5-1002 A. Standards for all Special Uses and Section 5-1002 B. Impacts on Surrounding Area.
- c. Upon or prior to the expiration of the three (3) year period, the owner/applicant may provide a written statement withdrawing the Special Use application and requesting the Special Use approval be terminated.
- d. If upon expiration of the three (3) year period the owner/applicant does not provide a written statement withdrawing the application, the matter shall be noticed and scheduled for Public Hearing by the County. The applicant is encouraged to provide a written statement, prior to the Public Hearing, indicating why the approved Special Use has not been granted a development permit and/or commenced, and identifying any changes that may have occurred in the surrounding land uses and explaining how the proposed Special Use meets the review standards in Land Use Code Sections 5-1002 A. and 5-1002 B.

5-1004 Review of Approved Special Uses

5-1004 A. Annual Review.

- I. An annual review by the designated review body shall be held one (1) year after the date of approval or amendment of a Special Use Permit.
- II. Prior to the annual review, notice will be provided to the neighbors and individuals who have commented on the Special Use Permit application.
- III. The review body may make a determination in its discretion if there is a need for additional on-going annual reviews, or periodic reviews of the terms and conditions of the Special Use permit in the future.

5-1004 B. Extension of Approvals.

Prior to the expiration of the Special Use Permit, a request for extension of the approval may be submitted. Review of a request for an extension of an approved Special Use shall be conducted in accordance with the applicable provisions of Article 3 Procedures for one-step reviews and shall include posting and sending written notice of the Public Hearing for review of the Special Use to adjacent property owners.

The Planning Commission and/or Board of County Commissioners in reviewing the Special Use Permit, at a duly noticed Public Hearing, may extend the Special Use Permit approval, extend the approval subject to modifications or additional conditions, or they may rescind and terminate the approval if a finding is made that the Special Use no longer meets the review standards for Special Uses pursuant to Section 5-10 Special Uses.

5-1004 C. Discontinued or Abandoned Use.

If any approved Special Use is discontinued or abandoned for twelve (12) consecutive months, then such Special Use shall be considered to be no longer in effect. If a Special Use is discontinued or abandoned for twelve (12) consecutive months, and the Special Use is re-established or resumed by the owner, the use shall be subject to review prior to resumption in accordance with the provisions of this section and subject to review by either the Planning Commission and/or Board of County Commissioners, at a duly noticed Public Hearing, where the permitting entity may rescind or terminate, recognize and extend the original approval, or extend subject to additional conditions or modifications. The procedures and standards for review of discontinued or abandoned Special Uses are the same as those for Review of Approved Special Uses set forth in 5-1003 I.

5-1005 Minor Amendments to Special Use Permits

The Planning Director may approve, approve with conditions or disapprove minor amendments to approved Special Uses and Special Use permits subject to consideration of the standards in this Section. Refer to Section 3-4 for procedures and Section 4-7 for submission contents.

5-1005 A. Standards

As requirements for approval, the proposed activity shall not:

- I. Change the basic character of the use of land on which the activity occurs, including basic visual appearance and method of operation;
- II. Violate any Land Use Code standard;
- III. Substantially increase the need for on-site parking or utilities, or affect affordable housing generation; and
- IV. Increase the floor area of the use by more than two (2) percent or decrease the open space on the site by more than three (3) percent.

5-1006 Violations

Violation or noncompliance with any Special Use Permit or applicable Land Use Code requirement may result in suspension and/or revocation of the Permit by the Board of County Commissioners (BOCC) following a duly noticed public hearing, held with no less than fifteen (15) days prior written notice to the permittee, upon the BOCC determination that there is competent evidence of such alleged violation or noncompliance.

SECTION 5-11: CONDITIONAL USES ON FEDERAL LANDS

5-1101 General

This section of the Code establishes standards for review of conditional uses on Federal lands. Refer to Section 3-6 for two-step review procedures and Section 4-7 for submission contents.

5-1102 Standards

- 5-1102 A. The location, size, design and operating characteristics of the proposed conditional use minimizes adverse effects, including visual impacts, impacts on pedestrian and vehicular

circulation, parking, trash, service delivery, noise, vibrations and odor on surrounding properties; and

- 5-1102 B. The conditional use is designed, located and proposed to be operated so that the public health, safety and welfare will be protected.

SECTION 5-16: MINING

The standards in this Section are intended to mitigate the impacts of mining and mineral processing, including protecting the health, safety and welfare of persons residing in the vicinity and of persons traveling on roads, streets and highways in San Miguel County utilized for hauling of mined material. This Section also contains provisions to ensure that the environmental impacts of mining and mineral processing are adequately mitigated. Mining and mineral processing operations are also subject to the special use permit provisions of Section 5-10.

5-1601 Applicability

The standards and requirements in this Section 5-16 shall apply to all mining and mineral processing operations required to obtain special use permit approval from the County, including any expansion of existing mining and/or mineral processing operations. Mining and mineral processing operations also are subject to applicable review requirements for Activities of Local and State Interest, as set forth in Section 5-4, and for Wetland Areas, as set forth in Section 5-22.

5-1602 Mitigation of Impacts

All on-site and off-site impacts shall be adequately mitigated to protect the health, safety and welfare of persons in San Miguel County and to protect the integrity and appearance of the natural environment. Consideration shall be given to site-specific environmental assessments and mitigation plans approved by the appropriate Federal agencies and/or the Colorado Division of Minerals and Geology and/or the Colorado Department of Health. However, compliance with such plans, as well as additional mitigation, may be required by the County as part of the special use permit review process. Such mitigation may include, but is not limited to, revegetation, dust control, noise control, visual screening, limitations on hours of operations, truck haul routes and traffic volumes.

5-1603 Enforcement of State and Federal Regulations

In the event that the County discovers that applicable state and/or federal regulations pertaining to a specific mining activity in San Miguel County have not been adequately enforced by the appropriate agency or organization, the Board of County Commissioners may require the mining activity to comply with any and all terms of such regulations. If such regulations are not complied with, the Board of County Commissioners may order such mining activity to cease and desist.

5-1604 Traffic Impacts and Highway Access

Mining (including sand and gravel operations) and mineral processing shall be limited to the greatest extent possible to areas where the surrounding road, street and/or highway network can accommodate heavy truck traffic. In no event shall a proposed operation be permitted where the carrying capacity of the surrounding road, street and/or highway network is exceeded by existing traffic volumes, or would be exceeded by projected or proposed traffic volumes.

5-1605 Additional Notice Requirements

In addition to the notice requirements set forth in Section 3-9, applicants for approval of mining and mineral processing operations shall also be required to provide written notice of a pending application by

mailing such notice first class, postage prepaid, no less than 20 days prior to the scheduled meeting date to all owners of property within 1,500 feet of the subject property, and to all municipalities within 3 miles of the subject property.

SECTION 5-4: AREAS OF STATE AND LOCAL INTEREST

5-405 Historic and Archaeological Resource Areas

5-405 A. Applicability

The development standards in this section apply to the following activities within Historic and Archaeological Resource Areas:

- I. Development;
- II. Changes in the amount or character of open space;
- III. Exterior alteration or remodeling of any existing structure within the site, or any addition thereto;
- IV. Demolition or destruction of structures or buildings within the site.

5-405 B. Persons responsible for activities listed in Section 5-405 A. shall:

- I. Minimize damage to historic structures; and
- II. Demonstrate that a proposal will enhance the meaning of a historic or archaeological site as representative of a period, style, occasion or unique activity.

5-407 Wildlife Habitat Areas

This section establishes land use standards for wildlife habitat areas in addition to the general standards in Section 5-402. The standards apply to areas mapped by the Colorado Parks and Wildlife (CPW) on the County's adopted Wildlife Resource Information System (C.R.S.1041 Wildlife maps) and to areas known to be wildlife habitat areas by the Colorado Parks and Wildlife, and areas mapped by the Colorado Natural Heritage Program. Agricultural and Ranching activities are exempt from this Section.

5-407 A. General Standards

The standards in this section apply to all wildlife habitat areas.

- I. Residential development shall be clustered to avoid impacting wildlife and their habitat.
- II. Removal of vegetation shall be minimized. Vegetation removed shall be promptly replaced with beneficial native browse species.
- III. Wildlife food, cover and water shall be preserved and development effects that would destroy these shall be mitigated. Special consideration shall be given to trees and shrubs with high wildlife food value, especially heavy seed, berry and fruit producing species.
- IV. The planting of wildlife food species and woody cover along fences shall be encouraged as one way of improving wildlife habitat.

- V. Waterholes, springs, seepage, marshes, pond and watering areas shall be preserved.
- VI. Known endangered species habitats shall be preserved and all disturbances to those habitats shall be minimized.
- VII. Every golden eagle nest site, bald eagle roost site, and all other raptor nest sites shall be protected from the adverse impacts of development within a ½ mile buffer.
- VIII. Mesh or woven fences shall be prohibited and are encouraged to be removed.
- IX. Fences located within CPW designated mapped wildlife habitat areas are discouraged. Fences in such wildlife habitat areas shall be limited to “wildlife friendly fences” that are in compliance with applicable CPW fencing standards. Wildlife friendly fences are very visible and allow wild animals to easily jump over or slip under the wires or rails. The following regulations shall apply to fencing:
 - a. Smooth wire or rounded rail for the top, smooth wire on the bottom;
 - b. Fence is limited to 42: in height;
 - c. At least 12” between the top two wires or rails;
 - d. At least 16” between the bottom wire or rail and the ground;
 - e. Posts at minimum 16’ intervals;
 - f. Gates, drop-downs, removable fence sections or other passages where animals concentrate and cross;
 - g. Using a rail, high-visibility wire, flagging or other visual markers for the top.
 - h. A zigzagged worm fence (rails stacked alternately on top of one another, with rails interlocked like laced fingers where the ends meet) should create openings for wildlife to cross by intermittently dropping rails to the ground every 400’; and in swales and at stream crossing for easy wildlife passage.
 - i. Perimeter fencing of an entire parcel is discouraged.
 - j. As an exception to “wildlife friendly fencing” dogs shall be kept in an enclosed kennel or small fenced yard adjacent to the residence. The standards or allowance for a small fenced yard or area shall be specified in the county's revised dog or animal control regulations.

If staff has a question regarding the appropriateness of proposed fencing to be located within a CPW mapped wildlife habitat area the application may be referred to the CPW for comment and recommendation. Any new fencing shall follow the CPW “Fencing with Wildlife in Mind” guidelines available at the CPW website, www.wildlife.state.co.us

- X. Residential development shall maintain bear proof storage for garbage disposal for all parcels located in all zone districts.
- XI. Development activities, such as Subdivisions, PUDs and Special Use Permits uses may require a Wildlife Impact Assessment prepared by a qualified wildlife biologist or scientist for all mapped wildlife habitat areas or known habitat areas to be submitted with the land use application. The Impact Assessment should include changes, trends and proposed mitigation to be reviewed by the Colorado Parks and Wildlife or other County review staff.
- XII. Barking dogs, dogs at large, and stray dogs are not permitted in any unincorporated portion of San Miguel County pursuant to Board of County

Commissioner Resolution 1982-27 or as may be set forth in the most current Board of County Commissioner Resolution regarding dog or animal control rules and regulations.

- XIII. It is illegal for dogs to chase and/or harass wildlife, on public or private property. A Colorado wildlife officer or other peace officer may capture or kill any dog he or she determines to be harassing wildlife, pursuant to C.R.S. §33-6-128.

5-407 B. Deer, Elk and Bighorn Sheep Winter Concentration Area/Severe Winter Range

Land uses in deer, elk or bighorn sheep winter concentration areas/severe winter range shall comply with the standards in Section 5-407 A. and the standards in this Section.

- I. Overgrazing of ranges by livestock shall be prohibited.
- II. Development shall be restricted to areas in which wildlife impacts can be minimized.
- III. Access for the Colorado Parks and Wildlife for managing wildlife shall be maintained.
- IV. Commercial activity and recreational uses requiring County review shall be prohibited from December through April 15.

5-407 C. Deer, Elk and Bighorn Sheep Winter Range

Land uses located in deer, elk or bighorn sheep winter range shall comply with Sections 5-407 A. and 5-407 B.I.-III. and the standard in this section.

Commercial activity and recreational uses requiring County review shall be prohibited from December 1 through April 15, unless an applicant can demonstrate written approval from the Colorado Parks and Wildlife of a site-specific wildlife protection plan. Such plan shall include CPW monitoring provisions and set forth on-site protection, including but not limited to habitat enhancement and habitat protection, including but not limited to control of fencing, noise, lighting and siting of structures, and establishment of routes and means of transportation and hours/days of operation. Permits must be renewed annually. The dates in this section may be modified and permits may be suspended at any time upon CPW recommendation on a case-by-case basis as necessary to protect the health of the herd.

5-407 D. Deer and Elk Migration Corridors

Land uses located in deer and elk Migration Corridors shall comply with Section 5-407 A. and the standards in this section.

- I. Development blocking a corridor and preventing migration between summer and winter ranges shall be prohibited.
- II. Fences restricting deer or elk migration shall be prohibited.

5-407 E. Deer and Elk Production Areas

Land uses located in deer and elk production areas shall comply with Section 5-407 A. and the standards in this Section.

- I. Where no appropriate development site exists in a production area, development shall be prohibited.

- II. Access shall be maintained for the Colorado Parks and Wildlife for trapping, tagging and studying wildlife.
- III. Manipulation of vegetation shall be prohibited, except within a designated building envelope.
- IV. Commercial and construction activity, recreational uses and off-road motorized activity shall be prohibited from May 1 through June 30. These dates may be modified upon Colorado Parks and Wildlife recommendation on a case-by-case basis as necessary to protect the health of the herd.

5-407 F. Riparian Areas and Shorelands

Land uses located in riparian or shoreland areas shall comply with the standards in 5-407 A. and the standards in this section.

- I. Development and the removal of vegetation and disturbance of ground cover within the riparian area shall be prohibited.
- II. Culverts shall be designed to prevent plugging and washouts.
- III. Culverts that may become barriers to fish passage shall be prohibited.
- IV. Riparian and shoreland habitat areas that have been denuded or disturbed by development shall be revegetated in the first available growing season.

ARTICLE 2 LAND USE POLICIES

SECTION 2-8: NATURAL AND MAN-MADE HAZARD AND RESOURCE AREAS

It is the policy of San Miguel County to prevent any use and development of land that may:

2-801

Unreasonably subject any person, or use, to natural or man-made hazards;

2-802

Unreasonably create or contribute to the danger of natural or man-made hazards that might affect lands or the use and development thereof;

2-803

Unreasonably subject other persons including the County to the risks and expenses necessary to mitigate hazardous conditions, respond to emergencies created by such conditions, or to rehabilitate any lands or improvements thereof;

2-804

Be unduly destructive to the natural resources of the County; or

2-805

Constitute a public or private nuisance.

SECTION 2-11: EROSION

It is the policy of the County to prevent the acceleration of the erosion of soil and rock and whenever possible maintain vegetative cover to minimize soil disturbance.

SECTION 2-28: COMPATIBILITY WITH HISTORICAL AND ARCHAEOLOGICAL RESOURCES

It is the policy of the County to protect any sites, structures and surrounding areas determined to have historical or archaeological significance to the community, the region, or the State of Colorado from any destruction or alteration of the site, structure or surrounding area that would detract from its historical and archaeological significance.

SECTION 2-34: REVEGETATION WITH NATIVE SPECIES

It is the policy of the County to prevent weed infestation and to ensure that all surface disturbances, especially of topsoil, are revegetated with native species.

SECTION 2-35: MINING AND MINERAL PROCESSING OPERATIONS

It is the policy of the County to permit commencement or expansion of Mining and Mineral Processing operations only in appropriate areas identified pursuant to the County Comprehensive Development Plan, with review, as appropriate, under Land Use Code Section 5-4 and CRS 24-65.1-101 et. seq., "Areas and Activities of State Interest," subject to adequate mitigation of environmental, noise, traffic, and other impacts of such activities.

**APPLICANT'S CERTIFICATION OF COMPLIANCE WITH THE PUBLIC NOTICING
REQUIREMENTS OF THE SAN MIGUEL COUNTY LAND USE CODE SECTION 3-9**

Tarsis Resources Inc, Applicant, or the duly designated agent(s) of Applicant, has applied to San Miguel County for approval of a land use application. Applicant recognizes that the provisions of the San Miguel County Land Use Code (LUC) Section 3-9 require public notice by First Class mail and posting of the property not less than twenty (20) days before the date scheduled for a public meeting or hearing.

Applicant or Applicant's agent(s) have examined the current tax records of San Miguel County as they appeared either in the records of the San Miguel County Assessor or under the San Miguel County Geographic Information Systems* (GIS) mapping program no more than sixty (60) days prior to the date of the public meeting or hearing. Applicant or Applicant's agent(s) hereby certifies that: (Applicant must check all.)

☒ Following an examination of the records in the San Miguel County Assessor or under the San Miguel County GIS* mapping program, the Applicant has provided public notice, in compliance with LUC § 3-903C not less than twenty (20) days before the date scheduled for a public meeting or hearing, by First Class mail to every property owner and condominium unit owner within 500 feet of the perimeter of the subject property. **I hereby certify that I have attached a copy of this public notice letter and mailing list to this certification.**

N/A
Prop owner is BLM only,
notified by submittal of
NOI 11/4/2022

AND

☒ Not less than twenty (20) days before the date scheduled for a public meeting or hearing, I hereby certify that, in compliance with LUC § 3-903B, public notice has also been provided by posting a sign in a conspicuous place on the property that is the subject of the land use application.

See attached field photo

I understand that San Miguel County requires completion and delivery of this Certification of Compliance to the San Miguel County Planning Department at least ten (10) days prior to the initial public meeting or hearing on a land use application. I further understand that failure to submit the required Certification of Compliance to the County Planning Department at least ten (10) days prior to the initial public meeting on a land use application will result in the public meeting or hearing being rescheduled to a later date.

Gabriel Sweet, MSc PG
Name

Tarsis Resources Inc
(Insert Applicant's name if executed by agent)

Townships 44 & 45N, Range 20W, Sections 2, 35, 36, San Miguel County, CO
Physical location of Property and/or legal description

410-325 Howe Street, Vancouver, BC, V6C 1Z7, Canada
Mailing Address (if different from above)

Date: 1/19/2023

Signature: _____

[text/luc/certification.property.owner]

* GIS data may not accurately or completely reflect owners in multi-unit, multi-floor buildings in San Miguel County. In such instance, the applicant must examine the Assessor's information in addition to the GIS data in order to provide the required public notice.





RE: Stateline project questions

1 message

Gabriel Sweet <gabe@bigrockexploration.com>

Mon, Jan 16, 2023 at 11:32 AM

To: John Huebner <johnh@sanmiguelcountyco.gov>

Cc: Jackie Solie <jackie@bigrockexploration.com>, Rob Duncan <rduncan@alianzaminerals.com>, Jason Weber <jweber@alianzaminerals.com>

Good morning, John. Please see below for answers in **RED** to your questions last week.

I will touch base with Tony and have him pick up the Notice sign and post it in an appropriate location. Does SMC have a specific location in mind?

Cheers,

gabe

Gabriel Sweet, MSc, PG

Vice President Operations

Big Rock Exploration, LLC

[2505 West Superior Street](#)

[Duluth, MN 55806](#)

P: 781-715-5016

www.bigrockexploration.com

NOTICE: This e-mail and any attachments is covered by the Electronics Communications Privacy Act, 18 U.S.C. 2510-2521 and may be privileged, confidential or contain trade secret information. If this e-mail was sent to you in error, please notify me immediately by either reply e-mail or by phone at (781) 715 5016 and please do not use, disseminate, retain, print or copy the e-mail or its attachment.

From: John Huebner <johnh@sanmiguelcountyco.gov>

Sent: Thursday, January 12, 2023 5:30 PM

To: Gabriel Sweet <gabe@bigrockexploration.com>

Subject: Stateline project questions

Gabriel,

The NOTICE SIGN is ready for pickup. I will bring it to Norwood and Tony can pick it up from my house located at 1375 Grand Ave. Norwood, CO 81423.

I received a few questions regarding the stateline project application. Would you please reply to the questions below if you are able and send them back to me? Thank you,

The temporary roads they're constructing- I didn't see a bond requirement to ensure their ultimate demolition and reseeding- do they have that?

The project is on BLM Land in its entirety. Similar to the Alianza Klondike Basin drill program, bonding will be calculated by DRMS and concurred with by BLM, before placement with DRMS. Unfortunately, the BLM Tres Rios office has not processed our NOI application (submitted November 2022) to date. DRMS has approved the NOI application and assigned a bond of \$13,888 (December 6th, 2022), but has not received concurrence from BLM. Bond for reclamation of **ALL** project proposed actions (drill hole abandonment, drill pad construction and temporary access construction) will be required by both DRMS and BLM prior to any project initiation.

If the drilling is going on 24 hours a day- for how long? Does that impact any sensitive wildlife species?

The proposed drill program will avoid drilling from Nov-May to avoid impact on potential migratory animals and hunting seasons. The drill program is expected to take less than ~60 days.

Will they have lighting during the evening hours and how does that affect wildlife?

Measures similar to those employed at the Klondike drill program will be utilized to limit project lighting to the drill pad only. For example, down-angled lights will be used to keep work area safely lit and minimize impact on nocturnal wildlife.

Lastly the four water trucks, where are they getting their water from and how will they dispose of any contaminated water?

Only one water truck will be used for the project. The water will likely be provided by the construction contractor (TBD at this time).

John Huebner

Senior Planner

San Miguel County Planning Department

Office: (970)728-3083

www.sanmiguelcountyco.gov



For information about the San Miguel County East End Master Plan Update, go to www.sanmiguelcountyco.gov/eastendmasterplan



John Huebner <johnh@sanmiguelcountyco.gov>

RE: Stateline project questions

1 message

Gabriel Sweet <gabe@bigrockexploration.com>

Thu, Jan 19, 2023 at 10:42 AM

To: John Huebner <johnh@sanmiguelcountyco.gov>

Cc: Rob Duncan <rduncan@alianzaminerals.com>, Jason Weber <jweber@alianzaminerals.com>

Hi John, see below responses in **RED**

Cheers,

Gabe

Gabriel Sweet, MSc, PG

Vice President Operations

Big Rock Exploration, LLC

[2505 West Superior Street](#)

[Duluth, MN 55806](#)

P: 781-715-5016

www.bigrockexploration.com

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From: John Huebner <johnh@sanmiguelcountyco.gov>**Sent:** Wednesday, January 18, 2023 2:55 PM**To:** Gabriel Sweet <gabe@bigrockexploration.com>**Subject:** Re: Stateline project questions

Gabe,

I appreciate your time in providing responses to my questions! Here are several more:

Has an evaluation of wildlife impacts been conducted?

For projects on Public land (BLM), the BLM will evaluate the proposed project within their internal wildlife/biological/archaeological data sets to determine if there is a conflict or if supplemental information is necessary. This will be a requirement BLM for project permit approval if they deem supplemental data collection necessary.

Will there be an environmental impact in the area in SMC?

The small, temporary nature of the proposed Stateline exploration program will be classified as a Notice of Intent (NOI)/Notice Level activity by BLM on public land. This permitting classification reflects the commonality of this type of action throughout United States public lands, as well as its temporary, low impact nature.

John Huebner

Senior Planner

San Miguel County Planning Department

Office: (970)728-3083

www.sanmiguelcountyco.gov



For information about the San Miguel County East End Master Plan Update, go to www.sanmiguelcountyco.gov/eastendmasterplan

On Mon, Jan 16, 2023 at 11:32 AM Gabriel Sweet <gabe@bigrockexploration.com> wrote:

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I will touch base with Tony and have him pick up the Notice sign and post it in an appropriate location. Does SMC have a specific location in mind?

Cheers,

gabe

Gabriel Sweet, MSc, PG

Vice President Operations

Big Rock Exploration, LLC

[2505 West Superior Street](#)

[Duluth, MN 55806](#)

P: 781-715-5016

www.bigrockexploration.com

Please publish the following Legal **PUBLIC MEETING NOTICE** in the:

NORWOOD POST and TELLURIDE DAILY PLANET on WEDNESDAY, JANUARY 18, 2023

Please bill: San Miguel County Planning Department
P.O. Box 548
Telluride, CO 81435

PUBLIC MEETING NOTICE

The San Miguel County (SMC) Planning Commission has been asked to consider an application submitted by Gabriel Sweet, Big Rock Exploration LLC on behalf of Alianza Minerals LTD (Applicant). The applicant proposes Mineral Exploration on Bureau of Land Management (BLM) lands on its Stateline property, which constitutes a series of federal unpatented lode mining claims accessed from BLM Road 359 and SMC County Road 4R, and located in S2,35,36 T44&45N R20W, in San Miguel County, West End (WE) zone district. The proposed limited exploratory drill program will involve the location of 5 drill pads, each measuring about 60 feet by 60 feet for the purpose of exploring for copper, 1 equipment laydown area, and the use of existing BLM roads and trails only. An application for Mining Special Use Permit for Conditional Uses on Federal Lands in the WE zone district requires Two-step review by the County Planning Commission and Board of County Commissioners pursuant to Land Use Code Section 5-319 G VII.

A public meeting on the above application will be held by the San Miguel County Planning Commission at 9:15 a.m. or later, Thursday, February 9, 2023. This public meeting is the first step of a two-step review process by the Planning Commission and Board of County Commissioners. This meeting will be held online and in person in Telluride. To provide comment or ask questions regarding the proposal, please join the meeting: <https://zoom.us/join>, Meeting ID: 965 1288 5206, Password: 534277; Audio only: Dial 1-301-715-8592 or 1-253-215-8782 (long distance rates may apply).

Please call the Planning Department at 970-728-3083 for more information on the application. A complete text of this proposal may be viewed at <https://societyturn.info/>. The official designated posting place for all meeting notices will be online at <http://www.sanmiguelcountyco.gov/liveagenda>.

Written comments of more than one page may not receive complete consideration if not received by February 2, 2023. Send written comments to: San Miguel County Planning Department, P.O. Box 548, Telluride, CO 81435 or to planning@sanmiguelcountyco.gov

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www.sanmiguelcountycogov

ATTENTION LEAP APPLICANTS

Special Funding is now available for assistance with a household’s water bill and heating bill arrearages. This limited, one time funding will be dispersed on a first come, first served basis, so don’t wait. Please call Susan with the San Miguel County Department of Human Services at 970-708-8859 for additional information.

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Ahora están fondos especiales disponibles para ayudar con facturas vencidas de agua y calefacción de hogar.

Esta financiación única y limitada se distribuirá por orden de llegada, así que no espere.

Llame a Susan con el Departamento de Servicios Sociales del Condado de San Miguel al 970-708-8859 para obtener información adicional.

San Miguel County
Holiday Tree Recycling Site
Church Camp Parking Lot

Location: County Road 63L –Ilium Road/
Sunshine Mesa Rd Intersection



Please remove all lights & decorations
NO OTHER DUMPING OF DEBRIS PLEASE

Call 728-3844 for info.
Beginning Monday, December 26, 2022
through Monday, January 31, 2023

Legal Notices

PUBLIC MEETING NOTICE

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MEMORANDUM

The Area Agency on Aging (AAA) – Region 10 is soliciting proposals for Older Americans Act funding from public, private and non-profit organizations interested in providing services for older adults (60+) within Region 10. The AAA – Region 10 serves Delta, Gunnison, Hinsdale, Montrose, Ouray, and San Miguel counties.

RFP’s will be accepted for funding in the following categories of services:

- Part B- Supportive Services (transportation, information/assistance, legal, material aid, other supportive services etc.)
- Part C1 (Congregate Meals), C2 (Home-delivered Meals)
- Part D-Health Promotion and Disease Prevention
- Part E-National Family Caregiver Support Program

The contract period for this application is for **thirty-six months**, beginning **July 1, 2023** and ending **June 30, 2026**.

The deadline for receipt of applications by the Area Agency on Aging – Region 10 is 5:00 P.M., Monday February 20 th 2023.

Thank you for your interest. Please contact Eva Veitch/AAA Director at 970-765-3127 or evetch@region10.net
A complete RFP packet is available at www.region10.net

PLACE
A LEGAL?
Call the
Norwood Post
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Dial 728-9788 ext. 101
to find out more!

FOOD

Ginger brings zing to a meal — but does it do more?

By MICHAEL MERSCHEL
American Heart Association News

Ginger is not subtle. Whether sprinkled from the jar in your kitchen cabinet or sliced fresh from the produce section, its sweet, sharp warmth stands out.

But is it a healthy way to spice up your world?

Ginger is certainly an old spice, having been used in India and China perhaps 5,000 years ago. It was a valuable trade good in the Middle Ages, when a pound of ginger would have been equivalent to the cost of a sheep. Arguably, this makes it a posh spice as well.

At the grocery store, you can find ginger as a powder or as a fresh, lumpy root (technically, a rhizome, or underground stem). It’s a key part of Indian cuisine and enjoyed around the world in many forms.

But research on ginger as an ingredient has been sparse, said Kristina Petersen, an assistant professor in the department of nutrition at Texas Tech University in Lubbock.

“I think we just have a lack of studies looking at that sort of context,” she said.

According to the U.S. Department of Agriculture, 1 teaspoon of raw ginger has 1.6 calories; a teaspoon of dried powder has 6 calories. Either form comes with traces of several vitamins and minerals, but neither would provide significant amounts at the levels most people would eat.

Much of the research on ginger has been done in its form as a supplement. According to the National Center for Complementary and Integrative Health, ginger may be helpful for mild nausea or vomiting during pregnancy, but some studies have not shown it to be helpful for motion sickness.

Petersen, however, has researched ways ginger could help with risk factors that contribute to heart disease. She was senior author of a review of several spice studies, published in Nutrition Reviews in 2021, that noted possible ginger benefits.

“Some clinical trials have shown that very high doses of ginger in supplements form may improve blood cholesterol levels,” Petersen said.

Other research has shown that ginger supplements could improve blood pressure and

help maintain blood glucose levels.

“Again, these are quite large doses,” she said.

Such dosages come with caveats. Few studies have looked at the potential for side effects, Petersen said. And although the Food and Drug Administration includes ginger on its list of foods generally recognized as safe, dietary supplements are not regulated in the same way that pharmaceuticals are.

Ginger also might interact with medications such as blood thinners.

“I think caution is always warranted around supplements,” Petersen said. “And where possible, it’s better to get things in your diet.”

Petersen said little research has been done on the effects of ginger tea. And ginger ale often contains little or no actual ginger — but lots of sugar or high fructose corn syrup.

None of that means you need to exile ginger to an uncharted desert isle, however.

Petersen has led research showing that adding a mix of herbs and spices that included ginger to a typical American diet lowered blood pressure in adults who had a higher risk of heart disease. Ginger’s effect wasn’t singled out, she said, but such findings suggest that “incorporating ginger in your diet or adding it to foods to improve the flavor may have heart disease benefits.”

Herbs and spices don’t need to provide direct health benefits to improve your diet, Petersen said.

“If you add ginger to healthful foods — for example, vegetables — and that makes you enjoy your vegetables, then you’re going to get the health benefit from eating more vegetables,” Petersen added.

Ginger, Petersen said, goes nicely with a whole range of different vegetables, especially carrots, and with chicken, a relatively healthy source of protein. In addition to its use in Indian-style recipes, ginger works well in stir-fries.

In other words, the professor says ginger doesn’t have to be the star of a healthy meal — it works great as a supporting cast member.

“I think there’s lots of places where you can incorporate it,” Petersen said.

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HOROSCOPE
By **SALLY BROMPTON**
www.sallybrompton.com

BIRTHDAY WEDNESDAY:
A Sun-Pluto link on your birthday will endow you with no end of ambition and as mind planet Mercury moves in your favor as well you are clearly destined for success. Be ruthless in pursuit of your goals. The universe expects great things of you.

ARIES (March 21 - April 20):
You won't have to shout to make yourself heard over the next 24 hours – in fact most people will be desperate to hear your words of wisdom. Don't exaggerate what you tell them though. They want to hear the truth, not a comforting fairy story.

TAURUS (April 21 - May 21):
If you move fast today you could make a success of something that looked to be heading nowhere. Yes, you may be tempted to take the kind of risk you usually go out of your way to avoid but on this occasion it's the right thing to do.

GEMINI (May 22 - June 21):
Do what makes you happy today, not what you think will make other people happy. It's good of you to put the interests of family and friends ahead of your own but the planets indicate this is one of those times when it's sensible to be selfish.

CANCER (June 22 - July 23):
You may find it hard to understand what's going on around you over the next 24 hours but don't worry about it. Sometimes ignorance is indeed bliss and if you avoid getting involved in other people's battles you could be the last man standing.

LEO (July 24 - Aug. 23):
The more others make negative comments about what you are trying to do the more convinced you should be that you are on the right track. The only reason they are being so critical is because they fear you will show them up – and you will!

VIRGO (Aug. 24 - Sept. 23):
You may be tempted to take things easy today but a powerful Sun-Pluto link urges you to actually speed things up. Push your body and your mind a bit harder than usual and don't be surprised when some truly amazing things start to happen.

LIBRA (Sept. 24 - Oct. 23):
As the Sun moves into the most dynamic area of your chart on Friday it might be a smart move to break off from your labors today. It won't be long before the pace of life picks up so much that you find it hard to catch your breath.

SCORPIO (Oct. 24 - Nov. 22):
You've pulled your punches a bit of late, especially when dealing with people who have been taking liberties, but Pluto, your ruler, is so strong today that you can no

longer let them off the hook. It doesn't have to be a right hook though!

SAGITTARIUS (Nov. 23 - Dec. 21):
You will need to be on your toes where money matters and business issues are concerned over the next 24 hours. Don't worry too much if something of value goes out of your life, because something even more valuable will rush in to fill the gap.

CAPRICORN (Dec. 22 - Jan. 20):
You have enjoyed yourself a lot in recent weeks but may feel guilty because not everyone has shared in your good fortune. However, life moves in cycles and a new phase is about to begin, one in which friends and loved ones get a bigger share of the pie.

AQUARIUS (Jan. 21 - Feb. 19):
The cosmic outlook is about to change in your favor but there is one last challenge you need to face before you are free to follow your own ambitions. Someone in a position of power will confront you today. Let them know you are no longer taking orders.

PISCES (Feb. 20 - Mar. 20):
If you don't feel like making an effort today then don't push yourself. Focus on activities that come naturally to you and avoid activities that need to be worked at. Life doesn't have to be a constant struggle, so lighten up and have some fun.

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The Area Agency on Aging (AAA) – Region 10 is soliciting proposals for Older Americans Act funding from public, private and non-profit organizations interested in providing services for older adults (60+) within Region 10. The AAA – Region 10 serves Delta, Gunnison, Hinsdale, Montrose, Ouray, and San Miguel counties.

RFP's will be accepted for funding in the following categories of services:

- Part B- Supportive Services (transportation, information/assistance, legal, material aid, other supportive services etc.)
- Part C1 (Congregate Meals), C2 (Home-delivered Meals)

- Part D-Health Promotion and Disease Prevention
- Part E-National Family Caregiver Support Program

The contract period for this application is for **thirty-six months**, beginning **July 1, 2023** and ending **June 30, 2026**.

The deadline for receipt of applications by the Area Agency on Aging – Region 10 is 5:00 P.M., Monday February 20 th 2023.

Thank you for your interest. Please contact Eva Veitch/AAA Director at 970-765-3127 or evetch@region10.net. A complete RFP packet is available at www.region10.net

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NEW YORK TIMES CROSSWORD

ACROSS

1 Word with straw or exit

5 Kept in the loop, in a way

9 Org. originally founded to protect carriage horses

13 Oregon-based shoe company

14 Ring light?

15 Broken up

16 Atingle, maybe

17 Gaelic language

18 The hate in hate mail

19 Name in price lists?

20 Larson who won Best Actress for 2015's "Room"

21 ___ Heights

22 Instruct for a new job, say

24 Unfashionable unisex hairstyle

26 Burros

27 Black-tie affairs

29 Projection from the fashionably late

30 Short life?

32 Groove

33 Fresh talk

34 Fortunate circumstances ... or a punny hint to the shaded letters

37 Some tap offerings, in brief

39 Susan of "L.A. Law"

40 Cousin of a cassowary

41 Like some of the mil.

42 Actress Thompson of "Sorry to Bother You"

44 Super-super-

48 John who wrote "The Pelican Brief"

50 More up-and-down, as a relationship

52 Up

53 Guitarist's accessory

54 Surveillance org.

55 Really hate

56 Short meeting?

57 French breakfast item that sounds like a response to a gut punch

58 A little of this, a little of that

59 One who may need credentials

60 Avatar of Vishnu

61 Give up

62 A moose has a big one

63 "Less Than Zero" writer ___ Easton Ellis

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PUZZLE BY MATTHEW STOCK

12 Where bills get passed, for short

15 Swears

20 Meat-and-potatoes

21 Colonel Sanders feature

23 "U R A Q-TI," e.g.

24 "It was all a ___"

25 Some Ph.D. students

28 Fast-food chain with a cowboy hat in its logo

31 "Whatever you say, hon"

33 Move furtively

34 Showered, as with gifts

35 Quaint response of agreement

36 "Duck ___"

(classic Warner Bros. cartoon short)

37 Gerund suffix

38 Bit of preachy prose

42 Left base?

43 Emerges

45 Lack of musical skill

46 Take up again

47 Oslo Accords figure

49 Gem

51 Earthy hue

53 Philippine currency

55 Start of a kindergarten ditty

56 Good picnic forecast

57 56-Down, e.g.

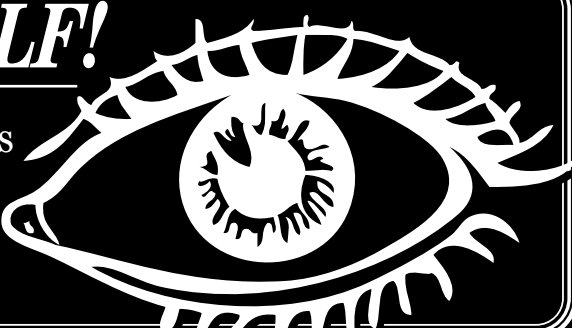
ANSWER TO PREVIOUS PUZZLE

I	R	I	S	S	C	A	N		S	O	P	S
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	H	E	S		S	T	A	R		T	A	O
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L	A	T	T	E	A	R	T		T	A	Y	L
A	R	I	D		F	E	L	L	I	N	L	O
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ATTENTION LEAP APPLICANTS

Special Funding is now available for assistance with a household's water bill and heating bill arrearages. This limited, one time funding with be dispersed on a first come, first served basis, so don't wait. Please call Susan with the San Miguel County Department of Human Services at 970-708-8859 for additional information.

Worship Section



got hope?

see www.thealpinechapel.com for service times



John Huebner <johnh@sanmiguelcountyco.gov>

Agency Referral: SMC Mining Special Use Permit - Alianza Stateline Exploratory drill program

1 message

John Huebner <johnh@sanmiguelcountyco.gov>

Fri, Jan 6, 2023 at 4:34 PM

To: Mike Bordogna <mikeb@sanmiguelcountyco.gov>, Amy Markwell <amym@sanmiguelcountyco.gov>, Ryan Righetti <ryanr@sanmiguelcountyco.gov>, Starr Jamison <starrj@sanmiguelcountyco.gov>, Janet Kask <janetk@sanmiguelcountyco.gov>, Bill Masters <billm@sanmiguelsheriff.org>, Lucas West - DNR <lucas.west@state.co.us>, michael.cosby@state.co.us, Mark Caddy <mark.caddy@state.co.us>, "Clementson, Connie" <cclementson@blm.gov>, "sburton@sanjuancounty.org" <sburton@sanjuancounty.org>
Bcc: Kaye Simonson <kayes@sanmiguelcountyco.gov>

All,

Attached for your review and comment is an Application received from Gabriel Sweet, Big Rock Exploration for a San Miguel County Mining Special Use Permit for proposed Mining Exploration for the purpose of exploring for copper on BLM lands off County Road 4R and off East Lisbon Valley Road in Utah. The drill program proposed will involve the location of 6 drill pads, each measuring about 60 feet by 60 feet, 1 laydown, and the use of existing BLM and roads and trails to access the pads. Please provide comments by January 27, 2023 and let me know if you have any questions. Regards,

John Huebner
Senior Planner
San Miguel County Planning Department
Office: (970)728-3083
www.sanmiguelcountyco.gov



San Miguel County
East End | Master Plan

For information about the San Miguel County East End Master Plan Update, go to www.sanmiguelcountyco.gov/eastendmasterplan

**Alianza.Stateline.Mining.pdf**

2817K



Re: Agency Referral: SMC Mining Special Use Permit - Alianza Stateline Exploratory drill program

1 message

Amy Markwell <amym@sanmiguelcountyco.gov>
To: John Huebner <johnh@sanmiguelcountyco.gov>

Mon, Jan 9, 2023 at 9:59 AM

John,
I would suggest the following be added to the conditions for approval:

- 1) comply with R&B permit - if needed
- 2) comply with reveg on County property/ROW if recommended by Julie Kolb (I didn't see her in your referral email..)
- 3) ensure the County has copies of all 3rd party agency permits/permit conditions (ie: DRMS and BLM) and that they are in compliance with those permits
- 3) yearly reviews to ensure compliance with all conditions.

Thanks!

Amy

On Fri, Jan 6, 2023 at 6:34 PM John Huebner <johnh@sanmiguelcountyco.gov> wrote:

All,

Attached for your review and comment is an Application received from Gabriel Sweet, Big Rock Exploration for a San Miguel County Mining Special Use Permit for proposed Mining Exploration for the purpose of exploring for copper on BLM lands off County Road 4R and off East Lisbon Valley Road in Utah. The drill program proposed will involve the location of 6 drill pads, each measuring about 60 feet by 60 feet, 1 laydown, and the use of existing BLM and roads and trails to access the pads. Please provide comments by January 27, 2023 and let me know if you have any questions. Regards,

John Huebner
Senior Planner
San Miguel County Planning Department
Office: (970)728-3083
www.sanmiguelcountyco.gov



For information about the San Miguel County East End Master Plan Update, go to www.sanmiguelcountyco.gov/eastendmasterplan



Re: Agency Referral: SMC Mining Special Use Permit - Alianza Stateline Exploratory drill program

1 message

West - DNR, Lucas <lucas.west@state.co.us>

Mon, Jan 9, 2023 at 9:31 AM

To: John Huebner <johnh@sanmiguelcountyco.gov>

Cc: Mike Bordogna <mikeb@sanmiguelcountyco.gov>, Amy Markwell <amym@sanmiguelcountyco.gov>, Ryan Righetti <ryanr@sanmiguelcountyco.gov>, Starr Jamison <starrj@sanmiguelcountyco.gov>, Janet Kask <janetk@sanmiguelcountyco.gov>, Bill Masters <billm@sanmiguelsheriff.org>, michael.cosby@state.co.us, Mark Caddy <mark.caddy@state.co.us>, "Clementson, Connie" <cclementson@blm.gov>, "sburton@sanjuancounty.org" <sburton@sanjuancounty.org>

Good Morning All,

I wanted to chime in on this one, We have the application and I have extensively reviewed the details and am ready to approve the application. The only hiccup is we have to have approval of the BLM Notice of Intent to Conduct Prospecting, and at this time the BLM is between personnel so we have not received that approval yet. The application is very technically sound and ready for approval, Mr. Sweet has done an excellent job on this application as has with his past applications. If you have any questions regarding the technical adequacy of the application please don't hesitate to reach out. I will keep you apprised as we navigate the BLM process.

Thanks,

Lucas

Lucas West

Environmental Protection Specialist

Minerals Program, Grand Junction Field Office



COLORADO
Division of Reclamation,
Mining and Safety
Department of Natural Resources

P 303.866.3567 Ext. 8187 | F 970.241.1516 | C 303.919.2997

Physical: 1313 Sherman Street, Room 215, Denver, CO 80203

Mailing: DRMS Room 215, 1001 E 62nd Ave, Denver, CO 80216

lucas.west@state.co.us | <https://drms.colorado.gov/>

On Fri, Jan 6, 2023 at 4:37 PM John Huebner <johnh@sanmiguelcountyco.gov> wrote:

All,

Attached for your review and comment is an Application received from Gabriel Sweet, Big Rock Exploration for a San Miguel County Mining Special Use Permit for proposed Mining Exploration for the purpose of exploring for copper on BLM lands off County Road 4R and off East Lisbon Valley Road in Utah. The drill program proposed will involve the location of 6 drill pads, each measuring about 60 feet by 60 feet, 1 laydown, and the use of existing BLM and roads and trails to access the pads. Please provide comments by January 27, 2023 and let me know if you have any questions. Regards,

John Huebner

Senior Planner

San Miguel County Planning Department

Office: (970)728-3083

www.sanmiguelcountyco.gov




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For information about the San Miguel County East End Master Plan Update, go to www.sanmiguelcountyco.gov/eastendmasterplan



Re: ANZ State Line NOI - Tentative DRMS Approval

1 message

West - DNR, Lucas <lucas.west@state.co.us>
To: Gabriel Sweet <gabe@bigrockexploration.com>
Cc: John Huebner <johnh@sanmiguelcountyco.gov>

Wed, Jan 18, 2023 at 12:05 PM

Hey Gabe,

I can absolutely do that, attached below is the Stateline Exploratory Drilling Project Request for Concurrence letter to the BLM. What this shows is the total bond amount that will be required with the detailed calculations associated with that number. Where we are at in the process is once BLM gives concurrence on the Bond Amount and approves their NOI, we can issue our approval as well. The BLM NOI serves as the demonstration of Legal Right to Enter the affected lands so we need that prior to approval. Unfortunately, we have not heard anything from their office either. If you need anything else from me please let me know! Thanks,
Lucas

Lucas West
Environmental Protection Specialist
Minerals Program, Grand Junction Field Office



P 303.866.3567 Ext. 8187 | F 970.241.1516 | C 303.919.2997
Physical: 1313 Sherman Street, Room 215, Denver, CO 80203
Mailing: DRMS Room 215, 1001 E 62nd Ave, Denver, CO 80216
lucas.west@state.co.us | <https://drms.colorado.gov/>

On Wed, Jan 18, 2023 at 11:56 AM Gabriel Sweet <gabe@bigrockexploration.com> wrote:

Hi Lucas,

Can you please provide John and SMC with any tentative approval docs and bonding calcs for the State Line NOI? I still have not heard anything back from BLM to date, so we're in a holding pattern there despite moving forward with the SMC Special Use Permit.

Cheers,

gabe

Gabriel Sweet, MSc, PG
Vice President Operations
Big Rock Exploration, LLC
[2505 West Superior Street](#)
[Duluth, MN 55806](#)
P: 781-715-5016
www.bigrockexploration.com



P-2022-0018 Stateline Exploratory Drilling Project, Request for Concurrence w encl.pdf

843K



December 6, 2022

Bryan Clappe
Bureau of Land Management
Tres Rios Field Office
29211 HWY 184
Dolores, CO 81323

Re: Stateline Exploratory Drilling Project, File No. P-2022-018, Notice of Intent to Conduct Prospecting Operations (NOI), Request for Concurrence

Dear Mr. Clappe,

On November 8, 2022 the Division of Reclamation, Mining and Safety received the above listed application for the Stateline Exploratory Drilling Project Notice of Intent to Conduct Prospecting Operations (NOI) located on Bureau of Land Management Lands (BLM) within San Miguel County. During the Division's technical Adequacy Review period a Reclamation Cost Estimate was performed. Based on the details of the project, Division Staff has estimated the total Reclamation Cost to ensure reclamation of all affected lands at \$13,888.00. The Reclamation Cost Estimate Worksheets are enclosed. Per the Memorandum of Understanding, please review these calculations and provide documentation of concurrence for the Financial Warranty amount.

Upon receiving concurrence, the calculation will be provided to the applicant so they may submit the appropriate Financial Warranty for the site. Please note the application will not be granted the final Authorization to Proceed from our office until all necessary permits are also obtained from the BLM and copies are provided to the Division. If you have any questions please feel free to contact me at the Division's Grand Junction Field Office, by phone at 303-866-3567 Ext. 8187 or by email at lucas.west@state.co.us.

Sincerely,

Lucas West
Environmental Protection Specialist
Division of Reclamation, Mining and Safety

Encl: Reclamation Cost Estimate Worksheets

Ec: Gabriel Sweet, Big Rock Exploration LLC.



COST SUMMARY WORK

Task description: Cost Summary

Stateline Exploratory Drilling
Site: Project

Permit Action:
New App

Permit/Job#: P2022018

PROJECT IDENTIFICATION

Task #: 000 State: Colorado Abbreviation: None
Date: 12/6/2022 County: San Miguel Filename: P018-000
User: LJW

Agency or organization name: DRMS

TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
001	P & A drill hole (hole reclaimed before next is drilled)	BOREHOLE	1	6.00	\$3,387
002	Regrade drill pads and laydown yard	DOZER	1	2.58	\$573
003	Regrade newly constructed access roads	DOZER	1	3.42	\$759
004	Rip Compacted Areas as needed	RIPPER	1	2.20	\$499
005	Replace Topsoil	DOZER	1	4.38	\$971
006	Reveg reclaimed areas	REVEGE	1	12.00	\$703
007	Secondary Seeding	REVEGE	1	6.00	\$377
008	Mobilization	MOBILIZE	1	6.76	\$4,429
<u>SUBTOTALS:</u>				43.34	\$11,698

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insurance:	2.02	Total =	\$236
Performance bond:	1.05	Total =	\$123
Job superintendent:	0.00	Total =	\$0
Profit:	10.00	Total =	\$1,170

TOTAL O & P = \$1,529

CONTRACT AMOUNT (direct + O & P) = \$13,227

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs):	<u>\$0</u>	Total =	<u>\$0</u>
Engineering work and/or contract/bid preparation:	<u>0.00</u>	Total =	<u>\$0</u>
Reclamation management and/or administration:	<u>5.00</u>		<u>\$661</u>

CONTINGENCY: 0.00 Total = \$0

TOTAL INDIRECT COST = \$2,190

TOTAL BOND AMOUNT (direct + indirect) = \$13,888

BOREHOLE SEALING WORK

Task description: P & A drill hole (hole reclaimed before next is drilled)

Site: Stateline Exploratory Drilling Project Permit Action: New App Permit/Job#: P2022018

PROJECT IDENTIFICATION

Task #: 001 State: Colorado Abbreviation: None
Date: 12/6/2022 County: San Miguel Filename: P018-001
User: LJW
Agency or organization name: DRMS

UNIT COSTS

Borehole Description	Sealing/Item Method	Diameter	Length	Quantity	Unit	Unit Cost	Total Cost
Bentonite Seal	Bentonite seal - 4 in. (labor, equip, materials)	3.75	570	570.00	LF	\$5.65	\$3,220.50
Concrete Seal	Portland cement grout - 4 in. (labor, equip, materials)	3.75	30	30.00	LF	\$5.55	\$166.50

Job Hours: 6.00 Total Cost: \$3,387.00

BULLDOZER WORKTask description: **Regrade drill pads and laydown yard**Site: **Stateline Exploratory Drilling
Project**Permit Action: **New App**Permit/Job#: **P2022018****PROJECT IDENTIFICATION**Task #: **002**State: **Colorado**Abbreviation: **None**Date: **12/6/2022**County: **San Miguel**Filename: **P018-002**User: **LJW**Agency or organization name: **DRMS****HOURLY EQUIPMENT COST**Basic Machine: **Cat D7R DS Series II LGP**Horsepower: **240**Blade Type: **Straight**Attachment: **3-shank ripper**Shift Basis: **1 per day**Data Source: **(CRG)****Cost Breakdown:**

		<u>Utilization %</u>
Ownership Cost/Hour:	<u>\$92.78</u>	<u>NA</u>
Operating Cost/Hour:	<u>\$79.33</u>	<u>100</u>
Ripper own. Cost/Hour:	<u>\$8.37</u>	<u>NA</u>
Ripper op. Cost/Hour:	<u>\$0.00</u>	<u>0</u>
Operator Cost/Hour:	<u>\$41.30</u>	<u>NA</u>
Total unit Cost/Hour:	<u>\$221.78</u>	
Total Fleet Cost/Hour:	<u>\$221.78</u>	

MATERIAL QUANTITIESInitial Volume: **1,032**Swell factor: **1.000**Loose volume: **1,032 LCY**Source of estimated volume: **Division of Reclamation, Mining & Safety**Source of estimated swell
factor: **Cat Handbook****HOURLY PRODUCTION**Average push distance: **50 feet**Unadjusted hourly
production: **800.0 LCY/hr**Materials consistency description: **Loose stockpile 1.2**Average push
gradient: **0 %**Average site altitude: **6,450 feet**Material weight: **2,650 lbs/LCY**Weight description: **Decomposed rock - 25% Rock, 75% Earth****Job Condition Correction Factor****Source**

Operator Skill:	0.750	(AVG.)
Material consistency:	1.200	(CAT HB)
Dozing method:	1.100	(50% SL)
Visibility:	1.000	(AVG.)
Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.700	(FND-MF)
Push gradient:	1.000	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.868	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.4993

Adjusted unit
production: 399.44 LCY/hr
Adjusted fleet
production: **399.44** LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)
Unit cost: \$0.555/LCY

Total job time: **2.58** Hours
Total job cost: **\$573**

BULLDOZER WORKTask description: **Regrade newly constructed access roads**Site: **Stateline Exploratory Drilling
Project**Permit Action: **New App**Permit/Job#: **P2022018****PROJECT IDENTIFICATION**Task #: **003**State: **Colorado**Abbreviation: **None**Date: **12/6/2022**County: **San Miguel**Filename: **P018-003**User: **LJW**Agency or organization name: **DRMS****HOURLY EQUIPMENT COST**Basic Machine: **Cat D7R DS Series II LGP**Horsepower: **240**Blade Type: **Straight**Attachment: **3-shank ripper**Shift Basis: **1 per day**Data Source: **(CRG)****Cost Breakdown:**

		<u>Utilization %</u>
Ownership Cost/Hour:	<u>\$92.78</u>	<u>NA</u>
Operating Cost/Hour:	<u>\$79.33</u>	<u>100</u>
Ripper own. Cost/Hour:	<u>\$8.37</u>	<u>NA</u>
Ripper op. Cost/Hour:	<u>\$0.00</u>	<u>0</u>
Operator Cost/Hour:	<u>\$41.30</u>	<u>NA</u>
Total unit Cost/Hour:	<u>\$221.78</u>	
Total Fleet Cost/Hour:	<u>\$221.78</u>	

MATERIAL QUANTITIESInitial Volume: **1,242**Swell factor: **1.000**Loose volume: **1,242 LCY**Source of estimated volume: **3359 LF rd, assume 10'W, avg 1' depth**Source of estimated swell
factor: **Cat Handbook****HOURLY PRODUCTION**Average push distance: **50 feet**Unadjusted hourly
production: **800.0 LCY/hr**Materials consistency description: **Loose stockpile 1.2**Average push
gradient: **0 %**Average site altitude: **6,450 feet**Material weight: **2,650 lbs/LCY**Weight description: **Decomposed rock - 25% Rock, 75% Earth****Job Condition Correction Factor****Source**

Operator Skill:	0.750	(AVG.)
Material consistency:	1.200	(CAT HB)
Dozing method:	1.000	(GEN.)
Visibility:	1.000	(AVG.)
Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.700	(FND-MF)
Push gradient:	1.000	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.868	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.4539

Adjusted unit production: 363.12 LCY/hr
 Adjusted fleet production: **363.12** LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)
 Unit cost: \$0.611/LCY

Total job time: **3.42** Hours
 Total job cost: **\$759**

BULLDOZER RIPPING WORK

Task description: Rip Compacted Areas as needed

Stateline Exploratory Drilling
Site: Project

Permit Action:
New App

Permit/Job#: P2022018

PROJECT IDENTIFICATION

Task #: 004
Date: 12/6/2022
User: LJW

State: Colorado
County: San Miguel

Abbreviation: None
Filename: P018-004

Agency or organization name: DRMS

HOURLY EQUIPMENT COST

Basic Machine: Cat D7R DS Series II LGP
Ripper Attachment: 3-Shank Ripper

Horsepower: 240
Shift Basis: 1 per day
Data Source: (CRG)

Cost Breakdown:

		Utilization %
Ownership Cost/Hour:	\$92.78	NA
Operating Cost/Hour:	\$79.33	100
Ripper Ownership Cost/Hour:	\$8.37	NA
Ripper Operating Cost/Hour:	\$4.99	100
Operator Cost/Hour:	\$41.30	NA
Total Unit Cost/Hour:	\$226.77	
Total Fleet Cost/Hour:	\$226.77	

MATERIAL QUANTITIES

Selected estimating method: Area

Alternate Methods:

Seismic: NA Bank Volume: NA BCY NA
Area: 1.00 acres Rip Depth (ft): 1.00 Volume: 1,613 BCY or CCY

Source of estimated quantity: Assume 1 Ac out of total project, 1' deep

HOURLY PRODUCTION

Seismic:

Seismic Velocity: NA feet/second

Area:

Average Ripping Depth: 2.45 feet/pass
Average Ripping Width: 6.50 feet/pass
Average Ripping Length: 50.00 feet/pass
Average Dozer Speed: 88.00 feet/minute
Average Maneuver Time: 0.25 minutes/pass
Production per unit area: 0.547 acres/hour

Job Condition Correction Factors

Unadjusted Hourly Unit Production: 0.547 Acres/hr
Site Altitude: 6,450 feet
Altitude Adj: 1.00 (CAT HB)
Job Efficiency: 0.83 (1 shift/day)
Net Correction: 0.83 multiplier

Adjusted Hourly Unit Production: 0.45 Acres/hr
Adjusted Hourly Fleet Production: 0.45 Acres/hr

JOB TIME AND COST

Fleet size: 1 Grader(s) Total job time: 2.20 Hours

Unit cost: \$499.356 Per acre

Total job cost: \$499

BULLDOZER WORKTask description: **Replace Topsoil**Site: **Stateline Exploratory Drilling Project**

Permit Action:

New AppPermit/Job#: **P2022018****PROJECT IDENTIFICATION**Task #: **005**State: **Colorado**Abbreviation: **None**Date: **12/6/2022**County: **San Miguel**Filename: **P018-005**User: **LJW**Agency or organization name: **DRMS****HOURLY EQUIPMENT COST**Basic Machine: **Cat D7R DS Series II LGP**Horsepower: **240**Blade Type: **Straight**Attachment: **3-shank ripper**Shift Basis: **1 per day**Data Source: **(CRG)****Cost Breakdown:**

		<u>Utilization %</u>
Ownership Cost/Hour:	\$92.78	NA
Operating Cost/Hour:	\$79.33	100
Ripper own. Cost/Hour:	\$8.37	NA
Ripper op. Cost/Hour:	\$0.00	0
Operator Cost/Hour:	\$41.30	NA
Total unit Cost/Hour:	\$221.78	
Total Fleet Cost/Hour:	\$221.78	

MATERIAL QUANTITIESInitial Volume: **2,258**Swell factor: **1.000**Loose volume: **2,258 LCY**Source of estimated volume: **New Roads + Pads + Laydown= 1.4 Ac, 1' Deep**Source of estimated swell factor: **Cat Handbook****HOURLY PRODUCTION**Average push distance: **50 feet**Unadjusted hourly production: **800.0 LCY/hr**Materials consistency description: **Loose stockpile 1.2**Average push gradient: **0 %**Average site altitude: **6,450 feet**Material weight: **1,600 lbs/LCY**Weight description: **Top Soil****Job Condition Correction Factor****Source**

Operator Skill:	0.750	(AVG.)
Material consistency:	1.200	(CAT HB)
Dozing method:	1.000	(GEN.)
Visibility:	1.000	(AVG.)
Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.600	(FND-SF)
Push gradient:	1.000	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	1.438	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.6445

Adjusted unit
production: 515.60 LCY/hr
Adjusted fleet
production: **515.6** LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)
Unit cost: \$0.430/LCY

Total job time: **4.38** Hours
Total job cost: **\$971**

REVEGETATION WORKTask description: Reveg reclaimed areasSite: Stateline Exploratory Drilling ProjectPermit Action: New AppPermit/Job#: P2022018**PROJECT IDENTIFICATION**Task #: 006
Date: 12/6/2022
User: LJWState: Colorado
County: San MiguelAbbreviation: None
Filename: P018-006Agency or organization name: DRMS**FERTILIZING****Materials**

Description	Units / Acre	Unit	Cost / Unit	Cost / Acre
			\$	\$
			Total Fertilizer Materials Cost/Acre	\$0.00

Application

Description	Cost / Acre
	\$
Total Fertilizer Application Cost/Acre	\$0.00

TILLING

Description	Cost / Acre
	\$
Total Tilling Cost/Acre	\$0.00

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost / Acre
Blue Grama - Native	0.48	7.83	\$6.59
Indian Ricegrass - Native	3.71	12.01	\$24.12
Galleta	2.47	9.02	\$55.20
Western Wheatgrass - Arriba	2.50	6.31	\$16.25
Needle and Thread	2.60	6.86	\$108.81
Saltbush, Four Wing	0.25	0.34	\$3.13
Winter Fat	0.25	0.64	\$5.13
Basin Wildrye - Trailhead	1.03	4.19	\$15.87

Totals Seed Mix	13.29	47.20	\$235.09
------------------------	-------	-------	-----------------

Application

Description	Cost /Acre
Broadcast seeding [DMG]	\$267.22
Total Seed Application Cost/Acre	\$267.22

MULCHING and MISCELLANEOUS**Materials**

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
			\$	\$
Total Mulch Materials Cost/Acre				\$0.00

Application

Description	Cost /Acre
	\$
Total Mulch Application Cost/Acre	\$0.00

NURSERY STOCK PLANTING

Common Name	No / Acre	Type and Size	Planting Cost	Fertilizer Pellet Cost	Cost /Acre
					\$
Totals Nursery Stock Cost / Acre					\$0.00

JOB TIME AND COST

No. of Acres: 1.4 Cost /Acre: \$502.31
 Estimated Failure Rate: 30% Cost /Acre*: \$0.00
 *Selected Replanting Work Items: NONE

Initial Job Cost: **\$703.23**
 Reseeding Job Cost: **\$0.00**
 Total Job Cost: **\$703**
 Job Hours: **12.00**

REVEGETATION WORKTask description: Secondary SeedingSite: Stateline Exploratory Drilling ProjectPermit Action: New AppPermit/Job#: P2022018**PROJECT IDENTIFICATION**Task #: 007
Date: 12/6/2022
User: LJWState: Colorado
County: San MiguelAbbreviation: None
Filename: P018-007Agency or organization name: DRMS**FERTILIZING****Materials**

Description	Units / Acre	Unit	Cost / Unit	Cost / Acre
			\$	\$
			Total Fertilizer Materials Cost/Acre	\$0.00

Application

Description	Cost / Acre
	\$
Total Fertilizer Application Cost/Acre	\$0.00

TILLING

Description	Cost / Acre
	\$
Total Tilling Cost/Acre	\$0.00

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost / Acre
Blue Grama - Native	0.48	7.83	\$6.59
Indian Ricegrass - Native	3.71	12.01	\$24.12
Galleta	2.47	9.02	\$55.20
Western Wheatgrass - Arriba	2.50	6.31	\$16.25
Needle and Thread	2.60	6.86	\$108.81
Saltbush, Four Wing	0.25	0.34	\$3.13
Winter Fat	0.25	0.64	\$5.13
Basin Wildrye - Trailhead	1.03	4.19	\$15.87

Totals Seed Mix	13.29	47.20	\$235.09
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Application

Description	Cost /Acre
Broadcast seeding [DMG]	\$267.22
Total Seed Application Cost/Acre	\$267.22

MULCHING and MISCELLANEOUS**Materials**

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
			\$	\$
Total Mulch Materials Cost/Acre				\$0.00

Application

Description	Cost /Acre
	\$
Total Mulch Application Cost/Acre	\$0.00

NURSERY STOCK PLANTING

Common Name	No / Acre	Type and Size	Planting Cost	Fertilizer Pellet Cost	Cost /Acre
					\$
Totals Nursery Stock Cost / Acre					\$0.00

JOB TIME AND COST

No. of Acres: 0.75 Cost /Acre: \$502.31
 Estimated Failure Rate: 30% Cost /Acre*: \$0.00
 *Selected Replanting Work Items: NONE

Initial Job Cost: **\$376.73**
 Reseeding Job Cost: **\$0.00**
 Total Job Cost: **\$377**
 Job Hours: **6.00**

EQUIPMENT MOBILIZATION/DEMOBILIZATIONTask description: **Mobilization**Site: **Stateline Exploratory Drilling
Project**Permit Action: **New App**Permit/Job#: **P2022018****PROJECT IDENTIFICATION**

Task #: **008** State: **Colorado** Abbreviation: **None**
 Date: **12/6/2022** County: **San Miguel** Filename: **P018-008**
 User: **LJW**

Agency or organization name: **DRMS****EQUIPMENT TRANSPORT RIG COST**

Shift basis: **1 per day**
 Cost Data Source: **CRG Data**

Truck Tractor Description: **GENERIC ON-HIGHWAY TRUCK TRACTOR, 6X4, DIESEL POWERED,
400 HP (2ND HALF, 2006)**Truck Trailer Description: **GENERIC FOLDING GOOSENECK, DROP DECK EQUIPMENT
TRAILER (25T, 50T, AND 100T)****Cost Breakdown:**

Available Rig Capacities	0-25 Tons	26-50 Tons	51+ Tons
Ownership Cost/Hour:	\$15.25	\$23.06	\$37.58
Operating Cost/Hour:	\$25.26	\$30.83	\$51.41
Operator Cost/Hour:	\$27.71	\$27.71	\$27.71
Helper Cost/Hour:	\$0.00	\$20.22	\$20.22
Total Unit Cost/Hour:	\$68.22	\$101.82	\$136.92

NON ROADABLE EQUIPMENT:

Machine Description	Weight/ Unit (TONS)	Owner ship Cost/hr/ unit	Haul Rig Cost/hr/unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet	DOT Permit Cost/ fleet
Cat D7R DS Series II LGP	38.49	\$101.15	\$101.82	1	\$202.97	\$101.82	\$250.00
Drill/Broadcast Seeder with Tractor	25.00	\$6.25	\$68.22	1	\$74.47	\$68.22	\$250.00
ATLAS COPCO ROC D7-11,4.0 in.	0.00	\$137.40	\$68.22	1	\$205.62	\$68.22	\$250.00
Subtotals:					\$483.06	\$238.26	\$750.00

ROADABLE EQUIPMENT:

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
Subtotals:			\$0.00	\$0.00

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:	<u>DOVE CREEK</u>	
Total one-way travel distance:	<u>38.00</u>	miles
Average Travel Speed:	<u>55.00</u>	mph

Total Non-Roadable Mob/Demob Cost *	<u>\$4,428.97</u>
** two round trips with haul rig:	
Total Roadable Mob/Demob Cost **	<u>\$0.00</u>
** one round trip, no haul rig:	

Transportation Cycle Time:

	Non-Roadable Equipment	Roadable Equipment
Haul Time (Hours):	<u>0.69</u>	<u>0.69</u>
Return Time (Hours):	<u>0.69</u>	<u>0.69</u>
Loading Time (Hours):	<u>1.00</u>	<u>NA</u>
Unloading Time (Hours):	<u>1.00</u>	<u>NA</u>
Subtotals:	<u>3.38</u>	<u>1.38</u>

JOB TIME AND COST

Total job time:	<u>6.76</u>	Hours
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Total job cost:	<u>\$4,429</u>
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Big Rock Exploration (Tarsis Resources, Inc.; Alianza Minerals Ltd.) Proposed Exploratory Drilling

1 message

Sandberg, Nick <nsandberg@sanjuancounty.org>

Mon, Jan 9, 2023 at 10:49 AM

To: johnh@sanmiguelcountyco.gov

Cc: Scott Burton <sburton@sanjuancounty.org>, Mack McDonald <mmcdonald@sanjuancounty.org>, Todd Adair <tadair@sanjuancounty.org>

Mr. Huebner:

Thank you for your email of the proposed drilling program by Big Rock Resources in Colorado and Utah and invitation for comment. San Juan County does not permit activities on federal lands but would review and comment on proposed actions as a part of the federal NEPA process.

The proposed drilling of one drill hole in San Juan County near the state line in Lower Lisbon Valley would be consistent with the San Juan County Resource Management Plan. This plan states the County objective for mineral resources is to

"Support responsible exploration and development of mineral resources including critical minerals consistent with law, policy and reasonable consideration for protection of natural and cultural resources."

In addition, the proposed drill area is within the San Juan County Energy Zone where energy and mineral development is encouraged.

It should be noted that any proposed use of roads in San Juan County should be coordinated with the County Road Department.

Thanks again for this courtesy notice.

--

Nick Sandberg
Public Lands Coordinator
435-587-3223 ext 4146



COLORADO

Parks and Wildlife

Department of Natural Resources

Montrose Service Center
2300 South Townsend Avenue
Montrose, Colorado 81401
P 970.252.6000 | F 970.252.6053

January 27, 2023

John Huebner
Senior Planner
San Miguel County Planning Department
333 W. Colorado Ave, 3rd Floor
PO Box 548
Telluride, CO 81435

RE: Mining Special Use Permit-Alianza Stateline Exploratory Drill Program

Dear Mr. Huebner,

Thank you for your notification and the opportunity to comment on this Mining Special Use Permit for Alianza Minerals LTD. The six proposed exploratory drill pads would take place in portions of Western San Miguel County and San Juan County, UT. The applicant seeks a permit for mineral exploration from drill pads constructed on federal unpatented lode mining claims under federal lands owned and managed by the Bureau of Land Management. Drilling exploration activities, as described by the applicant are largely core samples with a total of six drill pads, one laydown site and 3359 feet of new road construction for approximately 1.79 acres of above ground disturbance.

Colorado Parks and Wildlife (CPW) has a statutory responsibility to manage all wildlife species in Colorado; this responsibility is embraced and fulfilled through CPW's mission to protect, preserve, enhance, and manage the wildlife of Colorado for the use, benefit, and enjoyment of the people of the State and its visitors. CPW would like to offer the following comments for the proposed project:

This area of Western San Miguel County, specifically portions of sections 1, 2, 11 (T 44N, R 20W) and 35 and 36 (T 45N, R 19W) lie within mapped winter range, severe winter range, and winter concentration areas for both mule deer and elk. The area is also habitat for numerous species that include, but not limited to, mountain lions, bobcats, coyotes, cotton-tailed rabbits, jack rabbits and numerous non-game species.

Severe winter range for deer and elk is identified by CPW as High Priority Habitat (HPH). Mule deer and elk use in the area is primarily during the winter months, starting around October 1 as the animals move onto the winter range, until the end of April when migration to summer range begins. During the winter, animals are more vulnerable to reduced body condition and fitness as a direct result of disturbance. This can impact individual animals and herd health. CPW consistently recommends no permitted or authorized human activities within these HPH areas from December 1 to April 30. Given the high animal use during this time frame, impacts to wildlife would be reduced if the drilling activities occur outside of this



time frame. This timing would also reduce the potential for motor vehicle/wildlife collisions for workers commuting to the work site.

There is also a population of Desert Bighorn Sheep in the area and portions of the project area are mapped as Bighorn Sheep Winter Range. Sheep movements in this area are general, but common crossings do occur from Island Mesa to Horse Range Mesa across McIntyre Canon near the proposed sites. In order to minimize impacts to wintering bighorn sheep, CPW recommends that no permitted or authorized human activities occur from November 1 to April 30.

Due to historic mineral exploration/extraction in the area, there are numerous roads/trails that contribute to habitat fragmentation. The low yearly precipitation rate in addition to surface disturbance contributes to overall slow recovery of range health. CPW would suggest that creation of new roads be reduced as much as possible, and that any new routes are reclaimed following the same standards stated for the proposed drill pads and deterrence measures are put in place to prevent future motorized travel. CPW recommends that Alianza Minerals LTD reclaim all surface disturbance, specifically the five drill sites in Colorado, the laydown site and any new road construction directly after operations have concluded.

CPW would also appreciate the opportunity to review the proposed reclamation seed mixture. As the area is winter range for mule deer, who are primarily browsers, the presence of shrubs suitable for the climate would be advantageous.

Thank you for the opportunity to comment on land use actions that have direct impacts on our natural resources. If you have any questions, please feel free to contact District Wildlife Manager Tony Bonacquista at 970-209-2374.

Sincerely,



Tony Bonacquista
Nucla District Wildlife Manager
Colorado Parks and Wildlife
970-209-2374
tony.bonacquista@state.co.us

cc: Rachel Sralla, Area Wildlife Manager
Peter Foote, Southwest Region Land Use Coordinator
Alyssa Kircher, Terrestrial Biologist
Evan Phillips, Terrestrial Biologist

Matt Thorpe, Southwest Region Manager
File



John Huebner <johnh@sanmiguelcountyco.gov>

Re: CPW comments, Exploratory drilling proposal in San Miguel County

1 message

Bonacquista - DNR, Tony <tony.bonacquista@state.co.us>

Fri, Jan 27, 2023 at 5:26 PM

To: John Huebner <johnh@sanmiguelcountyco.gov>

Cc: Rachel Sralla - DNR <rachel.sralla@state.co.us>, Peter Foote - DNR <peter.foote@state.co.us>, Evan Phillips - DNR <Evan.Phillips@state.co.us>, Alyssa Kircher - DNR <alyssa.kircher@state.co.us>, Matt Thorpe - DNR <matt.thorpe@state.co.us>

Mr. Huebner-

Attached is CPWs recommended seed mixture. It has proven beneficial for habitat and wildlife for that elevation in past reclamation projects.

Thank you

Tony Bonacquista

CPW

On Fri, Jan 27, 2023 at 8:36 AM John Huebner <johnh@sanmiguelcountyco.gov> wrote:

Tony,

We greatly appreciate the detailed comments provided regarding this project. Please let me know your seed mix recommendation so I can relay to the applicant. Best regards,

John Huebner

Senior Planner

San Miguel County Planning Department

Office: (970)728-3083

www.sanmiguelcountyco.gov
 San Miguel County
East End | Master Plan

For information about the San Miguel County East End Master Plan Update, go to www.sanmiguelcountyco.gov/eastendmasterplan

On Fri, Jan 27, 2023 at 8:03 AM Bonacquista - DNR, Tony <tony.bonacquista@state.co.us> wrote:

Mr. Huebner-

Attached are the comments for the proposed stateline exploratory drilling project.

Thank you

Tony Bonacquista

CPW

970-209-2374


Wildlife firendly seed mix sheet -Pinion Juniper 2023.pdf

419K

Ecotype: Pinyon/Juniper Woodlands-Sagebrush**Species**

GRASSES	Variety*	% of mix	FRPLS*	PLS rate/acre
Western wheatgrass	Arriba	10%	8	0.8
Bluebunch wheatgrass	Secar/Goldar	15%	10	1.5
Sandberg bluegrass	"UP release"	15%	2	0.3
Muttongrass	SW Seed Variety	10%	1	0.1
Junegrass	UP Cold Springs	15%	1	0.15
Indian ricegrass	White River	10%	6	0.6
Sand dropseed	UP Dolores	10%	1	0.1
Blue grama	Hatchita	5%	1.5	0.075
Galleta	Viva	10%	6	0.6

*Select 5 of 9 species based on availability

100%

*recommended variety unless locally collected seed is available, in which case locally collected seed is preferred

*based on drill seeding; 2x if broadcasting

FORBS	Variety*			
Utah sweetvetch	Timp	15%	15	2.25
Lewis flax	Maple grove	15%	4	0.6
Penstemon cyanocaulis* (bluestem)	(UP San Miguel)	15%	1	0.15
Penstemon comarrhenus (dusty)	(UP Delta)	15%	1	0.15
Penstemon palmeri (palmer)		15%	2	0.3
Penstemon eatonii (firecracker)		15%	1	0.15
Silky lupine -sericeus*		15%	20	3
Gooseberryleaf globemallow		15%	2	0.3
Oregon daisy	(UP Dry Fork)	15%	1	0.15
Substitutions if above species are unavailable:				
Annual sunflower		15%	1	0.15
Western yarrow		15%	1	0.15

*Select 5 of 9 species based on availability

SHRUBS*	Variety	
Artemisia** (+)	Colo Plateau Source	1
Fourwing saltbush	Colo Plateau Source	1
Winterfat	Hatch	1
Fringed sage	Colo Plateau Source	0.5
cliffrose	Colo Plateau Source	1

**wyomingensis or nova depending on site

(+) to be included in all PJ/SS mixes

*Select 3 of the 5 species based on availability

NOTE: (UP)- The UP varieties are in development and may not be available in sufficient quantities.

In which case, the most appropriate available variety should be utilized

Supply and availability should increase in future years

at which time the UP varieties should be used.

January 31st, 2023

San Miguel County Planning Commission
333 W Colorado Avenue
Telluride, Colorado 81435
cc: John Huebner, senior planner, San Miguel County
via email to johnh@sanmiguelcountyco.gov

Re: San Miguel County Mining Special Use Permit–Alianza Stateline Exploratory Drill Program

Dear Members of the San Miguel County Planning Commission:

Thank you for the opportunity to comment on the Special Use Permit application submitted by Big Rock Exploration Inc., Tarsis Resources US Inc. and Alianza Minerals Ltd. These comments are submitted on behalf of the Information Network for Responsible Mining and Sheep Mountain Alliance. INFORM is a statewide nonprofit organization that addresses the impacts of hardrock mining in Colorado. Sheep Mountain Alliance is a citizen's conservation organization that works to protect the greater Telluride region of Southwestern Colorado.

Sheep Mountain Alliance and the Information Network for Responsible Mining are opposed to inappropriate mine development in the Dolores River basin when it creates conflicts with broader regional conservation goals. The general area between Three-Step Pass and the Dolores River, where copper exploration is proposed, is a valuable recreational area that attracts visitors and supports local economies. Our organizations strongly believe that the motorized and non-motorized recreation opportunities and the value of the important ecosystems in the permit area far outweigh the limited benefits of mining in this region.

The broader conservation value of the region is reflected in the introduction of legislation this year to create the proposed Dolores River National Conservation Area (NCA), the result of a decade of local and regional planning and stakeholder efforts to preserve the Dolores River corridor and the adjacent landscape. The Stateline Project is located 0.9 miles from the boundary of the proposed Dolores River NCA. This federal legislation is supported by all three San Miguel County Commissioners, and has widespread support in Southwest Colorado. The legislation introduced in Congress states in Section 101(b), "The purpose of the Conservation Area is to conserve, protect, and enhance the native fish, whitewater boating, recreational and scenic, cultural, archaeological, natural, geological, historical, ecological, watershed, wildlife, educational and scientific resources of the Conservation Area." The Dolores NCA boundary (see attached map, boundary is in green), reaches all the way up McIntyre Canyon up to San Miguel County Road 4R. The impacts of a potentially fully operational mining project should be considered in context of these described benefits of the proposed conservation area.

The TAP 2 (Transportation and Access Plan Travel Area 2 Route Inventory, DOI-BLM-CO-S010-2022-0003) planning process is currently underway in the BLM Tres Rios Field Office (TRFO). The prospector proposes to access the site from the Utah side via BLM Road 359 (also inventoried in the TAP 2 process as 1452 in the TRFO). Coordination with the BLM TRFO should be undertaken to ensure the activities proposed are in line with the current inventory and analysis of travel routes in this field office.

The surrounding area is abundant with cultural, archeological and paleontological resources, although it is largely unsurveyed for those resources. A condition of approving the Special Use Permit

should require the operator to halt drilling if cultural resources are encountered during activities until the appropriate agencies can assess them.

The location of the drilling sites is in winter concentration habitat for elk, mule deer and bighorn, and exploration activities should be prohibited during the winter months. The drilling sites are also located close to bighorn ewing areas in McIntyre Canyon, and ewing can extend as late as May. Black bear and mountain lion are also present, as well as other valued species such as the olive-sided flycatcher, sage sparrow, the tiger whiptail, Western rattlesnake, and Gunnison's prairie dog. The area is also mapped habitat for 15 species of bat, including the Townsend's big eared bat, a Colorado species of concern. In order to protect wildlife, drilling and reclamation activities should not be allowed between December and May 1. In order to protect habitat, the prospector should be required to re-seed according to the specifications required by San Miguel County rather than rely on seed mixes approved by BLM or Colorado Parks & Wildlife.

The prospector states that BLM authorization is pending. Legal documentation to enter BLM lands and conduct exploration drilling should be required before the Special Use Permit is approved, in accordance with Rule 5.1.2(d)(vi).

The Special Use Permit application does not specify where water will be sourced, despite the fact that a large amount – up to 20,000 gallons per day – is indicated in the application. Tarsis must secure and identify a source of this water before any approvals are granted. The water must also be supplied from outside the project area, otherwise the impacts of any local withdrawals should be subject to agency review and public comment in order to disclose any potential negative impacts.

We encourage you to require the best management practices that are appropriate for the drill sites in order to minimize any impacts to the watershed and to restore the area once exploration is completed. INFORM and Sheep Mountain Alliance appreciates your consideration of these comments.

Respectfully submitted,

Mason Osgood
Executive Director
Sheep Mountain Alliance
P.O. Box 389
Telluride, CO 81435
(970) 728-3729
mason@sheepmountainalliance.org

Jennifer Thurston
Director
Information Network for Responsible Mining
2205 W. 136th Ave. Ste. 106-311
Broomfield, CO 80023
(303) 586-1437
jennifer@informcolorado.org

Stateline Project NOI

N38°06'

W109°03'

W109°01'48"

W109°00'36"



AGENDA ITEM 4a.

TITLE:

Representative: Gabriel Sweet, Big Rock Exploration

Review of Alianza's Mining SUP for mineral exploration in Klondike Basin off SH 141 and County Road 23R on public lands managed by the BLM and Colorado. The boring program includes 20 drill holes and pads for the purpose of exploring for Copper

Presented by:

Time needed:

PREPARED BY:

John Huebner, Planning

RECOMMENDED ACTION/MOTION:

INTRODUCTION/BACKGROUND:

FISCAL IMPACT:

ATTACHMENTS:

Description:



AGENDA ITEM 5a.

TITLE:

9:45 AM Public Hearing:

Applicant: Thomas G. Kennedy, Attorney on behalf of Genesee Properties, Inc

Location: Society Turn Parcel, located three miles west of the Town of Telluride on Highway 145 southwest of Society Turn Roundabout

Parcel size: 20 acres Zone District: Planned Unit Development Reserve (PUDR)

Proposal: Rezoning to Mixed-Use Development Zone District; and Preliminary Plan for Subdivision and Planned Unit Development (PUD) (Item to be continued to Thursday, March 9 at 9:15 a.m. or thereafter) MOTION

Presented by:

Time needed:

PREPARED BY:

John Huebner, Planning

RECOMMENDED ACTION/MOTION:

INTRODUCTION/BACKGROUND:

FISCAL IMPACT:

ATTACHMENTS:

[CPC Meeting 020923.docx](#)

Description:

MEMORANDUM

TO: San Miguel County Planning Commission
FROM: Kaye Simonson, AICP, Planning Director
RE: A. Society Turn PUD and Subdivision Preliminary Plan
B. Rezone from PUD-R to MXD Mixed Use Zone District
DATE: February 9, 2023

At the January 12, 2023 meeting the Planning Commission continued consideration of the Society Turn PUD and Subdivision and Rezone to the February 9 meeting. The applicant has requested a continuance to March 9, in order to allow time to respond to additional referral agency comments, and to accommodate consultant schedules.

Sample Motion:

Move to continue the Society Turn PUD and Subdivision Preliminary Plan and the Rezone to March 9, 2023.



AGENDA ITEM 6a.

TITLE:

Amending Land Use Code Section 5-13, Affordable Housing, pertaining to Impact Fee for Residential Development, to increase the Exempt Floor area from 1800 s.f. to 2000 s.f.; and to revise the mitigation rate for floor areas 2501 s.f. to 5000 s.f.

Presented by:

Time needed:

PREPARED BY:

John Huebner, Planning

RECOMMENDED ACTION/MOTION:

INTRODUCTION/BACKGROUND:

FISCAL IMPACT:

ATTACHMENTS:

[CPC Meeting Packet AFHMFee LUCA 020923.pdf](#)

Description:

Public Meeting Record

San Miguel County Planning Commission

Application: San Miguel County Planning Department

Amendment to the San Miguel County Land Use Code Section 5-13, Affordable Housing

Date: February 9, 2023

1. San Miguel County Land Use Code (Adopted 11/30/90) with all amendments to date (By Reference Only).
2. San Miguel County Comprehensive Development Plan (Adopted 8/3/78) with all amendments to date (By Reference Only).
3. [San Miguel County Affordable Housing Fee Methodology Report](#) (By Reference Only)
4. Memorandum to the San Miguel County Planning Commission from John Huebner, Senior Planner dated February 8, 2023.
5. Public Meeting Notice published in the Norwood Post and Telluride Daily Planet on January 25, 2023 and February 1, 2023.

AGENCY COMMENTS

6. Email from John Huebner, Senior Planner, to Referral Agencies dated November 10, 2022.

PUBLIC COMMENT

None received regarding this amendment

MEMORANDUM

TO: San Miguel County Planning Commission
FROM: Kaye Simonson, AICP, Planning Director
John Huebner, Senior Planner
RE: Amendment to San Miguel County Land Use Code Section 5-13, Affordable Housing
DATE: February 9, 2023

Background

The updated Employee Housing Mitigation Impact Fee was adopted on July 6, 2022, and went into effect on July 15, 2022. The Impact Fee applies to new construction and additions in the unincorporated County within the Telluride R-1 school district. It does not apply in the Towns of Telluride, Mountain Village, Ophir or Sawpit, nor does it apply to the Wright's Mesa and West End areas. Employee housing mitigation directly addresses the impact residential construction has on the related housing need generated by residential development. Payment of Impact Fees satisfies the requirement to provide housing for people associated with the construction of a residence and the employees needed for the ongoing maintenance of the property, e.g., housekeeping, landscaping, maintenance and snow removal. The county utilizes the payments through purchasing housing units, collaboration on community housing projects, i.e., Sunnyside, and land purchases.

As adopted in the Impact Fee, the number of employees generated (construction and ongoing maintenance) is calculated based upon the nexus studies from RRC Associates and the Housing Collaborative, LLC. A mitigation rate is then applied, specifying the percentage of employee generation for which the project developer must mitigate. The Land Use Code requires 400 s.f. per employee. That is then multiplied by the impact mitigation amount, or market gap amount, currently \$527 per square foot. Refer to the [San Miguel County Affordable Housing Fee Methodology Report](#) for complete information on the Impact Fee. Both the Town of Telluride and Town of Mountain Village are using similar methodology, but with some differences in implementation.

With the fee update, a credit toward the Impact Fee for the construction of a Caretaker unit or ADU is possible if the property owner chooses to deed-restrict that unit for occupancy by a qualified employee. In the F zone district, some people (including local residents) construct a caretaker unit first and build a larger primary residence later. There are some areas and zone districts where second units (caretaker unit or accessory dwelling unit) are not allowed.

Proposal

A worksession with the Board of County Commissioners (BOCC) regarding the adopted Impact Fee was held on October 19, 2022. The Planning Commission and the BOCC discussed the Employee Housing Mitigation Impact Fee thresholds for single-family and duplex residences in a public meeting on January 10, 2023. The BOCC directed Planning staff to prepare amendments to the San Miguel County Land Use Code Section 5-13, Affordable Housing as follows:

- The exempt residential floor area should be increased from 1,800 s.f. to 2,000 s.f.; and
- The mitigation rate(s) should be revised so that the gaps at the transition points between mitigation rates are reduced.

Exempt Floor Area

The draft amendment proposes increasing the exemption for single-family dwellings and duplexes that have floor area of less than 1,800 to 2,000 s.f. Per the Land Use Code definition of Floor Area, garages are not counted as floor area, and are proposed to be exempt from the mitigation requirements. Basements with a floor-to-ceiling height greater than 5 feet are counted as floor area. It should be noted that the maximum allowable floor area for a Caretaker unit is 2,000 s.f., and the maximum Accessory Dwelling Unit (ADU) size is 800 s.f. Caretaker units are defined in part as providing long-term rental housing for local workers.

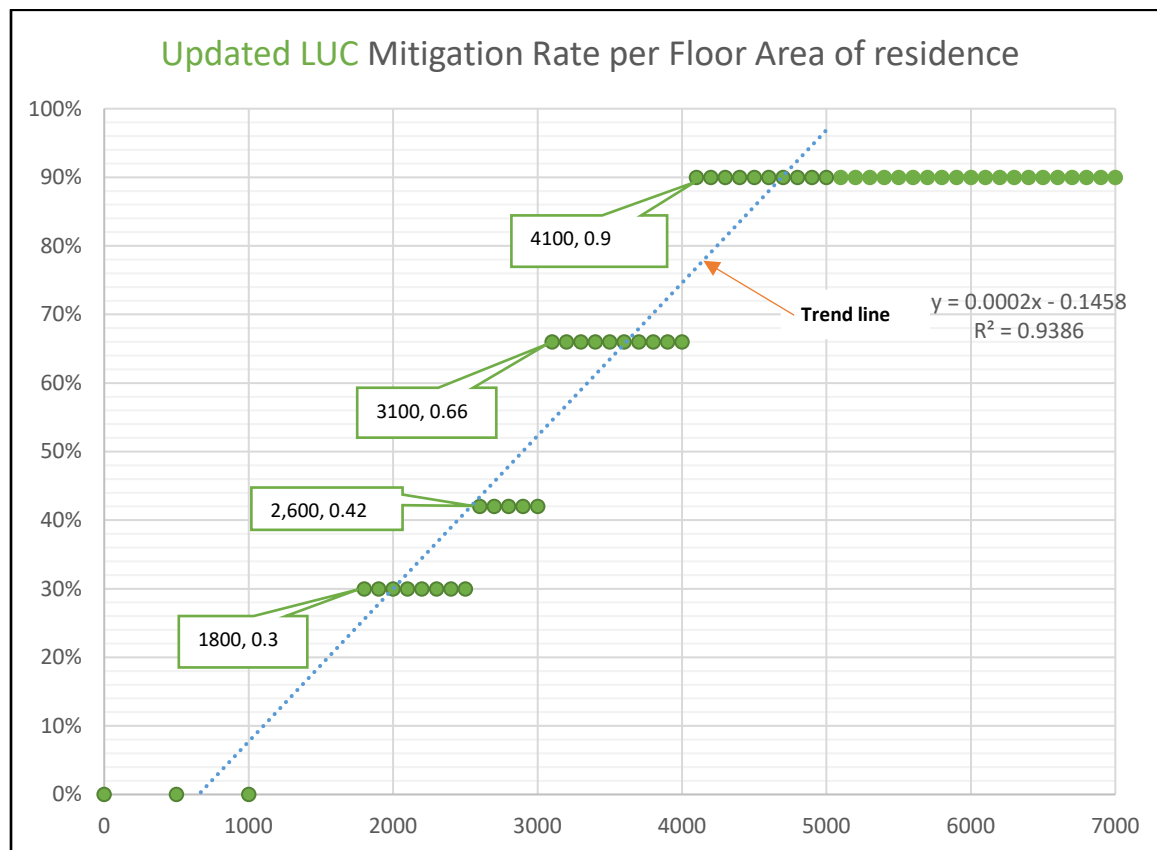
Impact Mitigation Rate

The current fee rate is graduated, with mitigation rates as follows:

- 0 – 1799 s.f. – 0%
- 1800 – 2599 s.f. – 30%
- 2600 – 3099 s.f. – 42%
- 3100 – 4099 s.f. – 66%
- 4100 – 11999 s.f. – 90%

Note: houses greater than 12,000 s.f. require approval of a Special Use Permit

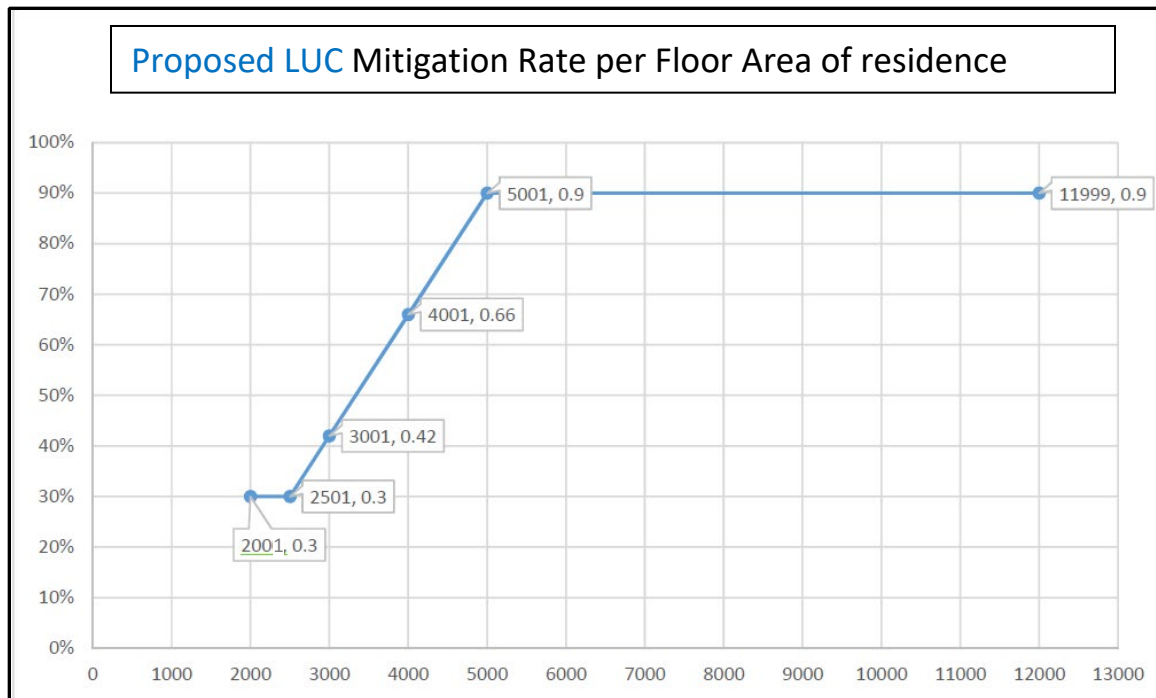
The chart below shows the Impact Fee jumps at the points where the mitigation rate increases, rather than following a smooth curve.



The Proposed Mitigation Rate is graduated but follows a smooth line and reflects the 2,000 s.f. floor area exemption, with mitigation rates as follows:

- 0 – 2000 s.f. – 0%
- 2001 – 2500 s.f. – 30%
- 2501 – 3000 s.f. – 30% $\Rightarrow$ 42%
- 3001 – 4000 s.f. – 42% $\Rightarrow$ 66%
- 4001 – 5000 s.f. – 66% $\Rightarrow$ 90%
- 5001 – 11999 s.f. – 90%

The following chart shows the where the mitigation rate increases, and rather than jumping at the points where the mitigation rate increases, it follows a smooth line.



The following two-page table demonstrates the county Impact Fee calculations in 100-square-foot increments up to 7,000 s.f., and includes the following:

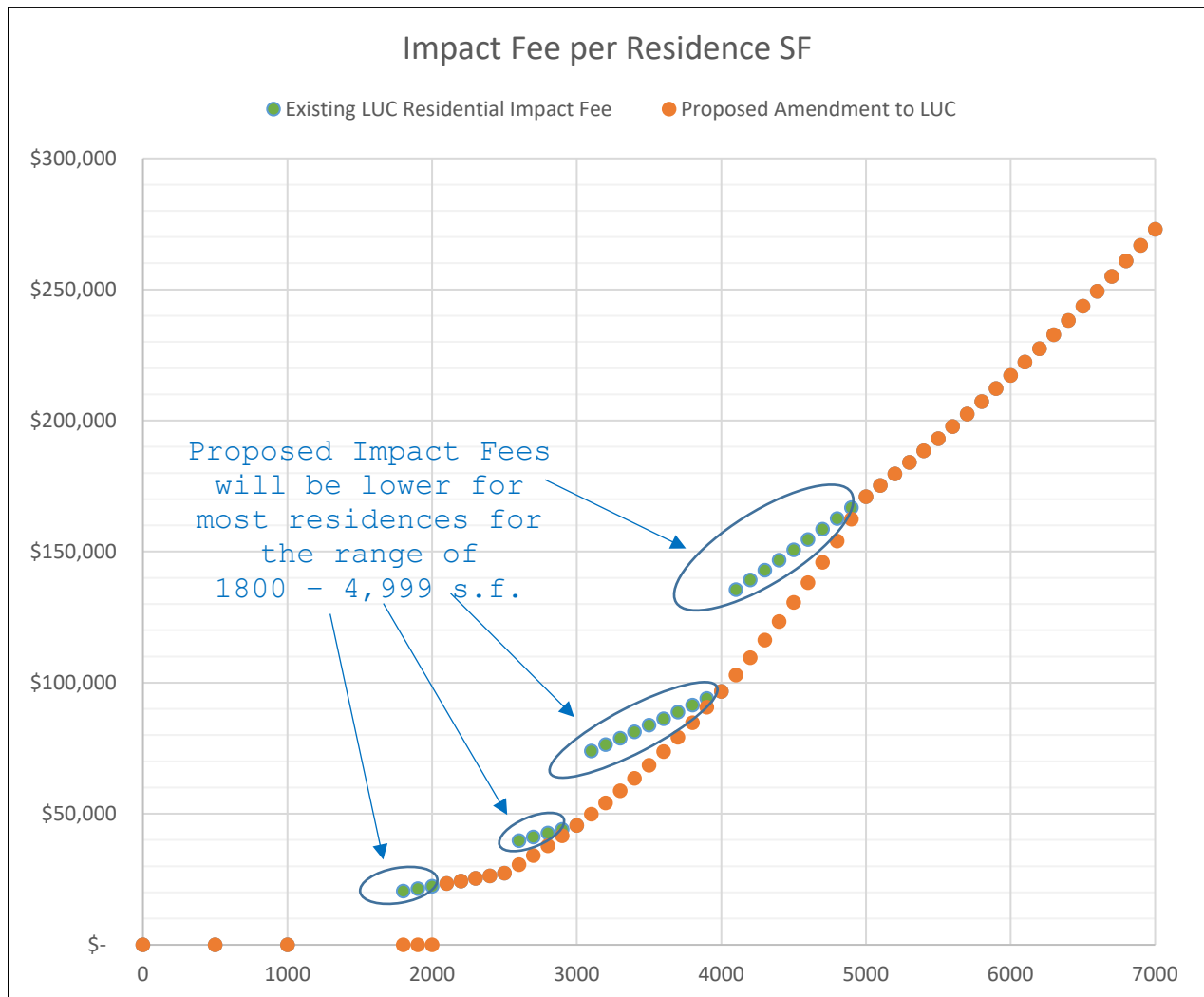
- 2,000 s.f. exempt floor area
- Number of employees generated,
- Proposed county mitigation rate,
- 400 s.f. / per employee housing requirement,
- The mitigation fee cost per square foot is \$527,
- Impact fee.

The current Impact Fee is based on \$527 per square foot; as specified in the adopting Resolution, it could be amended in 2023 based on the three-year average of 2019, 2020 and 2021 and increase to \$609 per square foot due to higher property sales prices. In 2023 Telluride's fee-in-lieu rate is \$630/s.f. and Mountain Village's is \$606. The Town of Telluride mitigation rate for all single-family and duplex construction is 90%. The Town of Mountain Village has a residential mitigation rate of 60%, but is phased in over four years; they are in their first year and currently requiring payment of 25% of the fee.

Square Footage	Employees Generated	Proposed Mitigation Rate	Employee Housing SF to be provided	Impact Fee
0	0.07	0%	0	\$ -
500	0.14	0%	0	\$ -
1000	0.21	0%	0	\$ -
1800	0.32	0%	0	\$ -
1900	0.34	0%	0	\$ -
2000	0.35	0%	0	\$ -
2100	0.37	30%	44	\$ 23,335
2200	0.38	30%	46	\$ 24,316
2300	0.40	30%	48	\$ 25,307
2400	0.42	30%	50	\$ 26,307
2500	0.43	30%	52	\$ 27,317
2600	0.45	32%	58	\$ 30,604
2700	0.46	35%	65	\$ 34,068
2800	0.48	37%	72	\$ 37,709
2900	0.50	40%	79	\$ 41,533
3000	0.51	42%	86	\$ 45,541
3100	0.53	44%	94	\$ 49,737
3200	0.55	47%	103	\$ 54,126
3300	0.57	49%	111	\$ 58,710
3400	0.58	52%	120	\$ 63,493
3500	0.60	54%	130	\$ 68,479
3600	0.62	56%	140	\$ 73,673
3700	0.64	59%	150	\$ 79,079
3800	0.66	61%	161	\$ 84,701
3900	0.68	64%	172	\$ 90,544
4000	0.69	66%	183	\$ 96,613
4100	0.71	68%	195	\$ 102,913

4200	0.73	71%	208	\$ 109,449
4300	0.75	73%	221	\$ 116,226
4400	0.77	76%	234	\$ 123,251
4500	0.79	78%	248	\$ 130,530
4600	0.81	80%	262	\$ 138,068
4700	0.84	83%	277	\$ 145,872
4800	0.86	85%	292	\$ 153,949
4900	0.88	88%	308	\$ 162,306
5000	0.90	90%	324	\$ 170,950
5100	0.92	90%	332	\$ 175,217
5200	0.95	90%	341	\$ 179,555
5300	0.97	90%	349	\$ 183,966
5400	0.99	90%	358	\$ 188,454
5500	1.02	90%	366	\$ 193,020
5600	1.04	90%	375	\$ 197,667
5700	1.07	90%	384	\$ 202,398
5800	1.09	90%	393	\$ 207,216
5900	1.12	90%	403	\$ 212,123
6000	1.14	90%	412	\$ 217,122
6100	1.17	90%	422	\$ 222,216
6200	1.20	90%	432	\$ 227,409
6300	1.23	90%	442	\$ 232,704
6400	1.26	90%	452	\$ 238,103
6500	1.28	90%	462	\$ 243,611
6600	1.31	90%	473	\$ 249,231
6700	1.34	90%	484	\$ 254,966
6800	1.37	90%	495	\$ 260,821
6900	1.41	90%	506	\$ 266,799
7000	1.44	90%	518	\$ 272,905

The following chart illustrates the proposed Impact Fees if the BOCC approves the proposed Mitigation Rate and increases the Exempt Floor area from 1800 s.f. to 2000 s.f. and the current fees.



Proposed Amendment

Pursuant to LUC Section 5-1802, Amendments to the Land Use Code may be initiated by the County (staff, CPC or BOCC), or by persons who are residents of or own property in San Miguel County. The BOCC directed staff to prepare the amendment.

Should the BOCC decide to amend the Employee Housing Mitigation Impact Fee to revise the mitigation rate and to increase the exempt residential floor area it may be necessary to issue partial refunds to the few people who have already paid the updated fee. This would be addressed in the adopting resolution.

The following are proposed Land Use Code amendments to Section 5-13: Affordable Housing. Proposed new text is underlined. Deletions are shown with ~~strike-through~~.

Section 5-13 Affordable Housing would be amended as follows:

5-1303 G. Employee Housing Impact Fee/Mitigation

- XI. Exemptions to the Employee Housing Impact Fee/Mitigation. An employee housing Impact Fee/Mitigation will not be required to be paid or constructed for the following categories of Development:
- a. Any Single-family Residence, Duplex, Multi-family unit or Lot that is Deed-Restricted under the County R-1 Housing Deed Restriction, Covenant or other restriction approved by the Board of County Commissioners is exempt from paying the Impact Fee.
 - b. Change of Use. Change of use without adding additional Square Footage of Floor Area or without increasing employee generation as determined herein will not result in the assessment of an employee housing Impact Fee/Mitigation.
 - c. Residential or Commercial Remodels. Commercial or Residential interior remodels that do not involve the construction of additional Square Footage or do not increase employee generation as determined herein will not result in the assessment of an employee housing Impact Fee/Mitigation.
 - d. Affordable Housing in Subdivisions. Existing or proposed subdivisions that include deed-restricted affordable housing units properly restrained through deed-restrictions from open market sale or use to ensure that it is properly characterized as affordable housing, as such term is defined by this Code, may be given a level of credit to offset or mitigate the total employee housing Impact Fee assessed, unless there is an increase in the density or a change in use that increases employee generation. To evaluate and determine the level of credit assessed, the percent of deed-restricted, affordable housing units will be evaluated in relation to the impact mitigation required of that Development when approved.
 - e. Single-family Dwelling ~~less than one thousand eight hundred (1,800)~~ two thousand (2,000) sq. ft. square feet or less of Floor Area. The Board of County Commissioners finds that residential improvements two thousand (2,000) ~~one thousand eight hundred (1,800)~~ sq. ft. or less are presumed to be occupied by local employees, and only residential improvements with a Floor Area of greater than two thousand (2,000) ~~one thousand eight hundred (1,800)~~ sq. ft. ~~or larger~~ should pay employee housing Impact Fees. This is based on the fact that residential improvements ~~above greater than two thousand (2,000)~~ ~~one thousand eight hundred (1,800)~~ sq. ft. of Floor Area have a strong tendency for non-resident occupancy, and the employee generation for non-resident occupied residential structures (second homes) is significantly greater than that for resident-occupied improvements creating impacts beyond

the County's ability to mitigate without a fee assessed for the development.

- f. Other Exemptions. The Board of County Commissioners may grant additional exemptions and waivers of the employee housing Impact Fee/Mitigation when deemed to be in the public interest due to special circumstances or unique situations where the Development provides community benefit(s), or where the value of such benefit(s) meets or exceeds the mitigation that would otherwise be required.
- XII. Right to Appeal Employee Housing Impact Fee Determination to Board of County Commissioners. Any person aggrieved by the decision of the Planning Office with respect to the administration of the employee housing Impact Fee under this Code will have the right to appeal such decision to the Board of County Commissioners pursuant to the Section 1-1903 of this Code. In addition, a developer may present alternative calculations of employee generation to the Board of County Commissioners for review and consideration.
- XIII. Future Revisions to Employee Housing Impact Fee Regulations. The employee housing Impact Fee regulations may be reviewed periodically and relevant mitigation requirements adjusted as determined appropriate by the Board of County Commissioners.
- XIV. Employee Housing Impact Fee Calculation for Residential Development. The employee housing Impact Fee shall apply to the Development of Residences, as defined in this Code, whose housing impacts have not previously been mitigated. The employee housing Impact Fee also applies to:
- a. New additions to existing detached Single-family Buildings. The fee shall be assessed only for the additional square footage beyond the where the total Floor Area is greater than the two thousand (2,000) ~~one thousand eight hundred (1,800)~~ s.f. exemption threshold;
 - b. New additions to existing Multi-Family Buildings that are two (2) units or less;
 - c. Accessory Dwelling Units (regardless of size), unless the unit is subject to the County R-1 Housing Deed-Restriction (see Sections 5-1304 and 5-1305) and ADU Deed Restriction Covenant; and
 - d. Caretaker units (regardless of size), unless the unit is subject to the County R-1 Housing Deed-Restriction (see Sections 5-1304 and 5-1305) and ADU Deed Restriction Covenant.
- XV. Employee Housing Impact Mitigation Rate. All new Residential Development shall be assessed the Impact Mitigation Rate as set forth in

the table below based on the size (square feet of Floor Area) of the unit approved for each Development to mitigate for the employees generated, as shall be amended from time to time by the Board of County Commissioners.

a. Impact Mitigation Rate summary table.

Square Footage		Mitigation Rate
0	1,799 <u>2,000</u>	0%
1,800 <u>2,001</u>	2,500	30%
2,501	3,000 <u>5,000</u>	42% (ResFlrArea*0.00024)-0.3
3,001 <u>4,001</u>	4,000 <u>5,000</u>	66% <u>66%</u>
4,001 <u>15,001</u>	12,000	90%

XVI. Generation rate of Employees for Single Family Residential and Duplex Dwellings.

a. $\text{Generation Rate} = 0.070174(e)^{0.000.322 \times \text{New Floor Area}} + 0.11(\text{New Floor Area}/1000)$

XVII. Market-Affordability Gap Fee. The formula to calculate the market-affordable price gap involves a three-step process:

- Calculate the amount that households in a certain income category can afford to pay for housing.
- Determine the market price for housing using available previous home sales data.
- Compare market price to the affordable amount calculated to determine the gap. Use conversion factors to express the gap in per-unit, per employee and per square foot amounts.
- Appendix E of this Code sets forth the procedures that shall be used by County Planning staff to calculate the Employee Housing Impact Fee, which shall be calculated by April 30 of each calendar year.
- Appendix E, Table 2, of this Code sets forth the Impact Fee Calculation each year for residential development.

XVIII. Calculation for the Residential Employee Housing Impact Fee. The amount of Impact fee shall be calculated using the following formula, based on (A) the number of Employees generated by the development, as determined under XVI above ("Employees Generated"), multiplied by (B) the provision of four hundred (400) square feet of space per employee generated by the

development as determined under 5-1303 E. I above ("Minimum Mitigation Unit Size"), and multiplied by (C) the Required Employee Housing Mitigation Rate as determined under XV above for single-family and duplex uses, multiplied by (D) the Market-Affordability Gap Fee per square foot.

Employees Generated X 400 sq. ft. X Required Percentage Mitigation Rate
X Market-Affordability Gap Fee Per Square Foot

- XIX. Credit for the construction of a Deed-restricted Accessory Dwelling Unit (ADU) / Caretaker Units that is subject to the County R-1 Housing Deed-Restriction (see Sections 5-1304 and 5-1305) and ADU Deed Restriction Covenant will be granted as follows: Affordable Housing Unit Floor Area to be constructed X Impact Fee/SF. The amount of credit shall not exceed the amount of impact fee owed by residential developer.

Public Noticing

A Notice of Public Meeting was published in the Telluride Daily Planet and in the Norwood Post on Wednesday, January 18, 2023 for the Planning Commission public meeting to be held on-line and in person on Thursday, February 9, 2023. A legal notice for the Thursday, February 9, 2023 Planning Commission's Public Meeting agenda was published in the Norwood Post and Telluride Daily Planet on February 1, 2023.

Referral Agencies

The proposed Land Use Code text amendment was sent to the County Attorney; County Manager; County Assistant Manager; Town of Telluride; Town of Mountain Village; Town of Norwood; Town of Ophir; and Town of Sawpit.

No responses have been received.

Public Comments

No public comments have been received in regards to the LUC Amendment. Numerous comments have been submitted in regards to the fee in general.

Review Standards

Review Standards for Land Use Code Amendments are contained in LUC Section 5-1802 and state, "Land Use Code Amendments may be initiated by the County or by persons who are residents of, or own property in, San Miguel County subject to compliance with the following standard." This amendment was initiated at the direction of the BOCC.

The only review standard, LUC Section 5-1802 A., states "Land Use Code Amendments shall be drafted in a form consistent with the organizational format and style of the code." The proposed amendment has been drafted in the format and style of the code.

In addition, Section 1-4, Purposes of the Land Use Code, should be considered.

1-402 Implement Policies

To implement the policies of San Miguel County regarding land use and development, housing, growth and related issues, as adopted and amended from time to time.

1-403 Create Common System of Administration and Regulation

To combine the regulation of all aspects of land use and development and the use of land and natural resources into a common system of administration and regulation.

1-404 Simplify the Land Use Regulatory Process

To simplify the application and review process for such regulatory system.

1-405 Protect Health, Safety and Welfare

To protect the health, safety and public welfare of San Miguel County.

Additional Discussion

The Planning Commission could also consider lowering the proposed mitigation rate by extending the 30% mitigation rate to floor areas 3,500 s.f. or higher. This would in effect lower impact fees further for all properties less than 5,000 s.f. The Planning Commission could also consider a different floor area exemption. Staff supports 2,000 s.f. because it has a direct connection to other Code requirements.

Sample Motion:

I move to recommend to the Board of County Commissioners to adopt the proposed amendment to San Miguel County Land Use Code Section 5-13, Affordable Housing to increase the exempt floor area from 1,799 s.f. to 2,000 s.f., to modify the Employee Housing Mitigation rate as presented, and to direct staff to issue refunds to those payees of residential impact fees since July 15 whose impact fee would have been effected by this amendment, based on the finding that the proposed amendment complies with the standards of Land Use Code Section 5-1802, Land Use Code Amendments, and is consistent with Land Use Code Section 1-4, Purposes of the Land Use Code.

Please publish the following Legal **PUBLIC MEETING NOTICE** in the:

NORWOOD POST and TELLURIDE DAILY PLANET on WEDNESDAY, JANUARY 25, 2023

Please bill: San Miguel County Planning Department
P.O. Box 548
Telluride, CO 81435

PUBLIC MEETING NOTICE

The San Miguel County (SMC) Planning Commission has been asked to consider a Land Use Code (LUC) amendment to Section 5-13 Accessory Dwelling Units and Affordable Housing, which proposes to increase the exempt floor area from 1,800 to 2,000 s.f. and to update the mitigation rate per floor area for employee housing Impact Fees for new Residential Development (one and two family residences only) for property located within the Telluride R-1 School District in the unincorporated County. The proposed amendment, was initiated by county Planning staff at the request of the Board of County Commissioners (BOCC). The proposed LUC amendment requires Two-step Planning Commission and BOCC review pursuant to Land Use Code Section 3-601 D. Land Use Code Amendments.

A public meeting on the above application will be held by the San Miguel County Planning Commission at 9:15 a.m. or later, Thursday, February 9, 2023. This public meeting is the first step of a two-step review process by the Planning Commission and Board of County Commissioners. This meeting will be held online and in person in Telluride. To provide comment or ask questions regarding the proposal, please join the meeting: <https://zoom.us/join>, Meeting ID: 965 1288 5206, Password: 534277; Audio only: Dial 1-301-715-8592 or 1-253-215-8782 (long distance rates may apply).

Please call the Planning Department at 970-728-3083 for more information on the application. A complete text of the proposed amendment can be accessed on the Planning Department page of the County website at www.sanmiguelcountyco.gov

Written comments of more than one page may not receive complete consideration if not received by February 2, 2023. Send written comments to: San Miguel County Planning Department, P.O. Box 548, Telluride, CO 81435 or to planning@sanmiguelcountyco.gov

The official designated posting place for all meeting notices is online at <https://www.sanmiguelcountyco.gov/liveagenda>

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All Points Transit (APT), a non-profit transit agency, is seeking a part-time driver (20 - 30 hours/week) for local trips in the Norwood / Nucla area and a medical shuttle that travels to Montrose / Grand Junction.

APT provides scheduled, door-to-door, driver assisted transportation for older adults and others in need.

Applications are available on-line at allpointstransit.com/opportunities or can be picked up at 175 Merchant Drive in Montrose.

Call (970)497-8662 for more information.



Uncompahgre Medical Center is seeking a Medical Assistant

40 hours a week
Pay DOE and Certifications -
Hourly \$15.00 - \$35.00

Benefits:
Health, Vision Insurance, Life & Accident Insurance; Employee Assistance Program, Retirement Plan, 176 hours of PTO, Wellness Benefit

Send resume and cover letter to aoneal@umclinic.org



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Assistant County Attorney

Associate Planner

Senior Planner

Planning Technician

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Case Worker I

Behavioral Health Clinician

Correctional Officer/
Emergency Dispatcher

To view the complete job descriptions, compensation, benefits and to officially apply for any of the County's open career opportunities, please visit:
www.sanmiguelcountycolorado.gov/jobs

San Miguel County is an Equal Opportunity Employer (EOE).

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Uncompahgre Medical Center Comptroller

40 hours a week
Pay DOE & Certifications -
Salary \$60,000.00 to \$70,000

Benefits:
Health & Vision, Life, Accident Insurance; Employee Assistance Program, Retirement Plan, 176 hours of PTO, Wellness Benefit

Send resume and cover letter to aoneal@umclinic.org

TELLURIDE DAILY PLANET

The award-winning Daily Planet newspaper is seeking a General Assignment Reporter.

The person who gets the job will have strong writing skills, an impressive work ethic and the ability to juggle multiple daily tasks, including but not limited to pulling wire stories, organizing content, copy editing, and covering everything from public meetings and politics to sports games, regional energy issues and the lively festivals that unfold in this fascinating and beautiful mountain town.

Knowledge of AP style is a must. Photo skills, experience in print journalism and a journalism degree are strongly preferred.

The position is full-time and primarily a work-from-home arrangement. The employee should live in Telluride, or the surrounding region, and be able to be in Telluride regularly for reporting. The candidate should also have a personal computer to work from. Benefits include a ski pass, paid time off and health insurance supplemented by the company.

The Planet publishes Sundays, Wednesdays, Thursdays and Fridays. Telluride Local Media also publishes several successful glossy magazines throughout the year.

Please send cover letter, resume, two references and three clips to DailyPlanetEditorial@gmail.com.



Uncompahgre Medical Center Is seeking a Pharmacy Technician

40 hours a week
Pay DOE & Certifications - \$17/hr-\$23/hr

Benefits:
Health & Vision, Life, Accident Insurance; Employee Assistance Program, Retirement Plan, 176 hours of PTO, Wellness Benefit

Send resume and cover letter to aoneal@umclinic.org



San Miguel County is Hiring!

All positions are full-time, year round and include a comprehensive benefits package!

Light Equipment Operator

Heavy Equipment Operator

To view the complete job descriptions, compensation, benefits and to officially apply for any of the County's open career opportunities, please visit:
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San Miguel County is an Equal Opportunity Employer (EOE).



The Telluride Regional Medical Center is seeking to hire a full-time Patient Relations Specialist.

Position is full-time, year-round and includes a comprehensive benefits package!

Salary range is \$21-\$25/hour

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TRMC is an Equal Opportunity Employer (EOE).

Legal Notices

**REQUEST FOR PROPOSALS: SAN MIGUEL COUNTY COURT-
HOUSE JURY CHAIRS PLATFORM**

San Miguel County requests bids from experienced structural engineers to fabricate a steel platform/deck to support the installation of 12 jury chairs and 1 witness chair at the San Miguel County Courthouse in Telluride, Colorado. RFP info available at <https://www.sanmiguelcountycolorado.gov/Bids.aspx> or the Parks & Open Space dept., PO 1170, 333 W. Colorado Ave., 3 rd Fl., Telluride, 81435. Contact Janet Kask (970)369-5469 or janetk@sanmiguelcountycolorado.gov. Deadline for proposals is 5:00 pm Friday, February 17, 2023, either via USPS mail, email, or dropped off at the SMC Parks & Open Space dept. in Telluride.

Public Meeting Notice

**January 30, 2023
Online Meeting**

The San Miguel County Board of Review will be meeting on Monday, January 30th, 2023 from 4 pm to 6 pm to review the 2018 International Building Code, currently adopted by the County. This meeting will be held online. To join the meeting: <https://zoom.us/join>, Meeting ID: 817 5006 6919, Passcode: 632725; Audio only: Dial 1-720-707-2699 or 1-719-359-4580 (long distance rates may apply)

To find out more information please visit www.sanmiguelcountycolorado.gov or call the Building Department at 970-369-5484.

The official designated posting place for all meeting notices is online at <https://www.sanmiguelcountycolorado.gov/liveagenda>.

NOTICE OF CALL FOR ANNUAL MEETING

You are hereby notified that the annual meeting of the stockholders of the Farmers Water Development Company will be held in Norwood, Colorado at the Norwood Town Hall on Wednesday, February 15, 2023 at 7:00 p.m. to elect 2 members of the board of directors (Lothan Snyder and Chris Trosper's positions) for the ensuing year, setting the 2023 water assessments, and to consider any other and further business may regularly come before the meeting. Only stockholders of record as of February 10th are eligible to vote, and registration for voting will be considered as being closed with the beginning of roll call. Notice is hereby given this 25th day of January, 2023 in Norwood, Colorado.

Todd Snyder
Secretary/Treasurer
Farmers Water Development Company

PUBLIC MEETING NOTICE

The San Miguel County (SMC) Planning Commission has been asked to consider a Land Use Code (LUC) amendment to Section 5-13 Accessory Dwelling Units and Affordable Housing, which proposes to increase the exempt floor area from 1,800 to 2,000 s.f. and to update the mitigation rate per floor area for employee housing Impact Fees for new Residential Development (one and two family residences only) for property located within the Telluride R-1 School District in the unincorporated County. The proposed amendment, was initiated by county Planning staff at the request of the Board of County Commissioners (BOCC). The proposed LUC amendment requires Two-step Planning Commission and BOCC review pursuant to Land Use Code Section 3-601 D. Land Use Code Amendments.

A public meeting on the above application will be held by the San Miguel County Planning Commission at 9:15 a.m. or later, Thursday, February 9, 2023. This public meeting is the first step of a two-step review process by the Planning Commission and Board of County Commissioners. This meeting will be held online and in person in Telluride. To provide comment or ask questions regarding the proposal, please join the meeting: <https://zoom.us/join>, Meeting ID: 965 1288 5206, Password: 534277; Audio only: Dial 1-301-715-8592 or 1-253-215-8782 (long distance rates may apply).

Please call the Planning Department at 970-728-3083 for more information on the application. A complete text of the proposed amendment can be accessed on the Planning Department page of the County website at www.sanmiguelcountycolorado.gov

Written comments of more than one page may not receive complete consideration if not received by February 2, 2023. Send written comments to: San Miguel County Planning Department, P.O. Box 548, Telluride, CO 81435 or to planning@sanmiguelcountycolorado.gov

The official designated posting place for all meeting notices is online at <https://www.sanmiguelcountycolorado.gov/liveagenda>

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Jupiter's influence on your birthday will encourage you to get out and about and make new friends and contacts.

ARIES (March 21 - April 20):
Just about anyone will do just about anything you ask of them today, so ask away! Jupiter in your sign, linked to the Sun, means others see you at your best now and will go out of their way to get the best for you.

TAURUS (April 21 - May 21):
The more others tell you that you need to act quickly today the more inclined you will be to take your time and, on this occasion, you are right to drag your heels.

GEMINI (May 22 - June 21):
Use your Gemini talent for words to get people to support your way of doing things over the next 24 hours.

CANCER (June 22 - July 23):
This is a really good day for business matters of all kinds and if there are financial deals to be done you should be able to get the best terms.

LEO (July 24 - Aug. 23):
Not even a Leo can be a winner every day of the week but with the Sun, your ruler, on good terms with luck planet Jupiter today there is every chance you will find yourself way out in front.

VIRGO (Aug. 24 - Sept. 23):
You will hear something today that you can turn to your advantage, but ask yourself first if that's the right thing to do.

LIBRA (Sept. 24 - Oct. 23):
You will be in a remarkably generous mood today, so much so that you may start giving away things you really should be keeping for yourself.

SCORPIO (Oct. 24 - Nov. 22):
You may not be the most trusting member of the zodiac but today's Sun-Jupiter link suggests that both at home and at work you

can rely on others to be honest with you. Will what they say be to your liking? Almost certainly it will.

SAGITTARIUS (Nov. 23 - Dec. 21):
Support will come from an unlikely source today. Someone you don't usually see eye-to-eye with will go out of their way to back you and to say you'll be grateful is something of an understatement.

CAPRICORN (Dec. 22 - Jan. 20):
An offer of some kind will look extremely tempting but make sure it is a good fit for you. Financially, it's clearly a deal you will benefit from, but is it worth it considering how much time and energy you will have to give in return?

AQUARIUS (Jan. 21 - Feb. 19):
Life is good and getting better by the minute and today's Sun-Jupiter link means you can look forward to some real fun and games between now and the end of the week.

PISCES (Feb. 20 - Mar. 20):
Don't let other people make you feel guilty about things you did not cause and have no personal responsibility for. They won't hesitate to lay the blame for what's gone wrong at your door if they think they can get away with it - so don't let them.

Missed any of our papers this week?
Get news recaps straight to your inbox!
Sign up for THE WEEK IN REVIEW @ TellurideNews.com
... and follow us on social media!

NEW YORK TIMES CROSSWORD

ACROSS
1 Be an omen of
5 Reduce
10 Belabor, with "on"
14 Follower of Bay or gray
15 ___ setter
16 Sheepish answer to "Who broke this?"
17 Sign in a clearance section
20 "___ soon?"
21 The duck in "Peter and the Wolf"
22 Grunts and groans, e.g.
23 Country with the second-most Portuguese speakers
25 Stretch
27 Party people, for short
29 Peach or plum
30 Download that might use a freemium model
33 "A fickle food," per Emily Dickinson
36 Large-scale corporate union
39 In the loop
41 One able to lift 10 to 50 times its body weight
42 Like flourless cake
43 Dream hand for a poker player
46 ___ slicker
47 "Cabin Fever" director Roth
48 Enthusiastic response to "Wanna come?"
49 Expel
51 Deceptive movement
53 "Fudge," "fie" and "fiddlesticks" are some of the printable ones
57 Title holders
60 Ideal for audiophiles, in brief
62 Swing ___
63 "Why are you making such a fuss?" ... or a hint to 17-, 36- and 43-Across
66 It means nothing at Wimbledon
67 U.S. theater awards
68 Modify, as an article
69 Key word when writing dialogue
70 Word with due or true
71 Manhattan, on an envelope
DOWN
1 U.K. acting award
2 Hunter visible at night
3 Remove condensation from
4 Conquer a hero?
5 It can prevent cracking
6 Snack item sometimes shown in ads next to a glass of milk
7 Confusion might ensue when they're crossed
8 Key for getting out, not in
9 Metal next to tungsten on the periodic table
10 Signal to play
11 Brouhahas
12 Widespread
13 E-tickets often come as these
18 Risk taker's acronym
19 "You don't really have to"
24 Field for Maria Callas
26 "Oh yeah?"
28 Protect, as freshness
30 Hindu fire god
31 Target for an exterminator
32 Food, potentially
33 Food
34 Nowhere to be found
35 "Do you mind?"
37 Antelope with chin hair
38 One side of a page
40 Patriarchs and matriarchs
44 Shove down the throat of
45 Sulky
50 Large swallow
51 Major bashes
52 "A League of ___ Own"
54 Like marshes or bagpipes
55 Exhaust physically
56 Like tears and some language
57 Bevy : quails :: parliament : ___
58 "Now wait just a second!"
59 Blue shade
61 "Yeah, sure"
64 "Euphoria" channel
65 Place for thieves
ANSWER TO PREVIOUS PUZZLE
KEYS UP DAD BOD
AMOEB A WINEBAR
MAULER TED TALKS
AIR FRESHENER
LEIS PENT AFTS
SHOE LORI SNARE
TON HITME ANNUL
RAF AUORAL TEE
AXIOM EMOTE HON
TERN S MEAT CERA
ISEE COTS GOOF
ABOVETHEFRAY
REDRYDER ONFILE
IDOTTER PRIEST
GUSHED SENSEI
PUZZLE BY NANCY STARK AND WILL NEDIGER
Online subscriptions: Today's puzzle and more than 7,000 past puzzles, nytimes.com/crosswords (\$39.95 a year).

Legal Notices
NOTICE OF CALL FOR ANNUAL MEETING
You are hereby notified that the annual meeting of the stockholders of the Farmers Water Development Company will be held in Norwood, Colorado at the Norwood Town Hall on Wednesday, February 15, 2023 at 7:00 p.m. to elect 2 members of the board of directors (Lothan Snyder and Chris Trospers positions) for the ensuing year, setting the 2023 water assessments, and to consider any other and further business may regularly come before the meeting.
REQUEST FOR PROPOSALS: SAN MIGUEL COUNTY COURT- HOUSE JURY CHAIRS PLATFORM
San Miguel County requests bids from experienced structural engineers to fabricate a steel platform/deck to support the installation of 12 jury chairs and 1 witness chair at the San Miguel County Courthouse in Telluride, Colorado.
CALL FOR NOMINATIONS FOR TELLURIDE HOSPITAL DISTRICT
TO WHOM IT MAY CONCERN, and particularly to the electors of the Telluride Hospital District of San Miguel County, Colorado.
NOTICE IS HEREBY GIVEN that a regular election will be held on Tuesday, May 2, 2023, between the hours of 7:00 a.m. and 7:00 p.m. At that time, two (2) directors will be elected to serve a four-year term and one (1) director will be elected to serve a two-year term.
Self-Nomination and Acceptance forms are available from Chris Darnell, Designated Election Official for the District at 500 West Pacific Avenue, Telluride, Colorado or email: cdarnell@tellmed.org.
NOTICE IS FURTHER GIVEN that applications for absentee ballots may be filed with the Designated Election Official for the District at the above address during normal business hours, until the close of business on the Tuesday immediately preceding the election (by 5:00 p.m. on Tuesday, April 25, 2023).
PUBLISHED IN: Telluride Daily Planet
PUBLISHED ON: January 25, 2023
A CALL FOR NOMINATIONS
NOTICE BY PUBLICATION OF TELLURIDE DAILY PLANET
§1-13.5-501, 1-13.5-1102(3), 31-905(2), C.R.S.
TO WHOM IT MAY CONCERN, and, particularly, to the electors of the Telluride Fire Protection District of San Miguel County, Colorado.
NOTICE IS HEREBY GIVEN that an election will be held on the 8th day of May 2nd, 2023, between the hours of 7:00 a.m. and 7:00 p.m. At that time, three (3) directors will be elected to serve 3-year terms.
The deadline to submit a Self-Nomination and Acceptance is close of business on February 24, 2023 (not less than 67 days before the election).
Affidavit of Intent to Be a Write-In-Candidate forms must be submitted to the office of the designated election official by the close of business on Monday, February 27th, 2023 (the sixty-fourth day before the election).
NOTICE IS FURTHER GIVEN, an application for an absentee ballot shall be filed with the San Miguel County Clerk and Recorder no later than the close of business on Tuesday preceding the election, April 25th, 2023.
John S. Bennett
Designated Election Official Signature

SEE for YOURSELF!
Our focused dedicated readers are your future customers.
Contact Advertising today at 970-728-9788 or advertising@telluridedailyplanet.com

PLACE A LEGAL
Call Telluride Local Media TODAY!
Dial 728-9788 to find out more!

Please publish the following Legal Ad in the:

**NORWOOD POST AND TELLURIDE DAILY PLANET on WEDNESDAY
FEBRUARY 1, 2023**

Please bill: San Miguel County Planning Department
P.O. Box 548
Telluride, CO 81435



COUNTY PLANNING COMMISSION

THURSDAY, FEBRUARY 9, 2023 – 9:00 AM

Online & 333 W. Colorado Avenue, 2nd Floor

MEETING INFORMATION - This meeting will be held online and in person. To join the meeting: <http://zoom.us/join>, Meeting ID: 965 1288 5206, Password: 534277; Audio only: Dial 1-301-715-8692 or 1-253-215-8782 (long-distance rates may apply)

We kindly request that people attending meetings in person wear a mask.

- 1. 9:00 A.M. CALL TO ORDER**
- 2. APPROVAL OF MINUTES, PLANNING COMMISSION AND STAFF COMMENTS**
- 3. 9:15 A.M. PUBLIC HEARING: LAND USE APPLICATION**

Representative: Gabriel Sweet, Big Rock Exploration LLC

Applicant(s): Tarsis Resources US Inc., a wholly owned United States subsidiary of Alianza Minerals Ltd

Property owner: Alianza Minerals Ltd

Location: County Road 4R

Parcel(s): Bureau of Land Management (BLM)

Zone District: (W) West End

Proposal: Request for Mining Special Use Permit for mineral exploration from drill pads on its federal unpatented lode mining claims **MOTION**

4. Public Hearing:

Applicant: Thomas G. Kennedy, Attorney on behalf of Genesee Properties, Inc

Location: Society Turn Parcel, located three miles west of the Town of Telluride on Highway 145 southwest of Society Turn Roundabout

Parcel size: 20 acres *Zone District:* Planned Unit Development Reserve (PUDR)

Proposal: Rezoning to Mixed-Use Development Zone District; and Preliminary Plan

for Subdivision and Planned Unit Development (PUD) (Item to be continued to Thursday, March 9 at 9:15 a.m) MOTION

5. LAND USE CODE AMENDMENT RECOMMENDATION

Amending Land Use Code Section 5-13, Affordable Housing, pertaining to Impact Fee for Residential Development, to increase the Exempt Floor area from 1800 s.f. to 2000 s.f.; and to revise the mitigation rate for floor areas 2501 s.f. to 5000 s.f. MOTION

6. EAST END MASTER PLAN UPDATE:

7. ADJOURN

NOTE: All times are approximate; items may begin earlier (except public hearings) or later than scheduled. For more information contact Planning Department at (970) 728-3083. If special accommodations are necessary per ADA, contact 970-728-3844, via email at bocc@sanmiguelcountyco.gov prior to the meeting.

The official, designated posting place for all meeting notices will be online at <https://www.sanmiguelcountyco.gov/liveagenda>. Use this link to view the live agenda with any last-minute changes, or to view meeting packets. To be automatically notified, please sign up at www.sanmiguelcountyco.gov, sign up for alerts, and follow the prompts.

Legal Notices

Telluride
Liquor Licensing Authority

PUBLIC NOTICE is hereby given that pursuant to the Liquor Laws of the State of Colorado, Telluride Books LLC dba Bruno/Between the Covers Bookstore (Jennifer Ball and Bradley Ball - Owners, 21938 Hwy 145 Placerville, CO 81435) are requesting that the Telluride Town Council, acting as the Liquor Licensing Authority, grant a Hotel and Restaurant License for use at 216 W. Colorado Avenue (Units 212 and 214) Telluride, Colorado, 81435. The hearing on the above application will be heard on February 14, 2023 via an in-person/ virtual hybrid meeting to begin at 10:00 am at Rebekah Hall, 113 W Columbia Ave., Meeting ID: 876 3733 0138 Passcode: 741858. The application was filed on November 7, 2022. Remonstrances may be filed at Town Hall, 135 W Columbia, emailed to clerks@telluride-co.gov or mailed to the Town of Telluride, Town Clerk, PO Box 397, Telluride, CO 81435.

NOTICE OF CALL FOR ANNUAL MEETING

You are hereby notified that the annual meeting of the stockholders of the Farmers Water Development Company will be held in Norwood, Colorado at the Norwood Town Hall on Wednesday, February 15, 2023 at 7:00 p.m. to elect 2 members of the board of directors (Lothan Snyder and Chris Trosper's positions) for the ensuing year, setting the 2023 water assessments, and to consider any other and further business may regularly come before the meeting. Only stockholders of record as of February 10th are eligible to vote, and registration for voting will be considered as being closed with the beginning of roll call. Notice is hereby given this 25th day of January, 2023 in Norwood, Colorado.

Todd Snyder
Secretary/Treasurer
Farmers Water Development Company

COUNTY PLANNING COMMISSION

THURSDAY, FEBRUARY 9, 2023 - 9:00 AM

Online & 333 W. Colorado Avenue, 2nd Floor

MEETING INFORMATION - This meeting will be held online and in person. To join the meeting: <http://zoom.us/join>, Meeting ID: 965 1288 5206, Password: 534277; Audio only: Dial 1-301-715-8692 or 1-253-215-8782 (long-distance rates may apply)

We kindly request that people attending meetings in person wear a mask.

1. 9:00 A.M. CALL TO ORDER

2. APPROVAL OF MINUTES, PLANNING COMMISSION AND STAFF COMMENTS

3. 9:15 A.M. PUBLIC HEARING: LAND USE APPLICATION

Representative: Gabriel Sweet, Big Rock Exploration LLC

Applicant(s): Tarsis Resources US Inc., a wholly owned United States subsidiary of Alianza Minerals Ltd

Property owner: Alianza Minerals Ltd
Location: County Road 4R
Parcel(s): Bureau of Land Management (BLM)
Zone District: (W) West End
Proposal: Request for Mining Special Use Permit for mineral exploration from drill pads on its federal unpatented lode mining claims MOTION

4. Public Hearing:

Applicant: Thomas G. Kennedy, Attorney on behalf of Genesee Properties, Inc

A CALL FOR NOMINATIONS
(NOTICE BY PUBLICATION OF)

§1-13.5-501, 1-13.5-1102(3), 32-1-905(2), C.R.S.

TO WHOM IT MAY CONCERN, and, particularly, to the electors of the Shavano Conservation District of Montrose, Ouray & San Miguel County(ies), Colorado.

NOTICE IS HEREBY GIVEN that an election will be held on the 2nd day of May, 2023, between the hours of 7:00 a.m. and 7:00 p.m. At that time, 5 directors will be elected to serve 4-year terms. Eligible electors of the Shavano Conservation District interested in serving on the board of directors may obtain a Self-Nomination and Acceptance form from the District Designated Election Official (DEO):

Penelope Bishop
102 Par Place, Suite 4, Montrose CO
970-964-3584
shavanoceo@gmail.com

The Office of the DEO is open on the following days: Monday thru Thursday from 8:00 a.m. to 4:30 p.m. by appointment only.

The deadline to submit a Self-Nomination and Acceptance is close of business 4:30p.m. on **February 24, 2023**.

Affidavit of Intent to Be A Write-In-Candidate forms must be submitted to the office of the designated election official by the close of business on **Monday, February 27, 2023**.

NOTICE IS FURTHER GIVEN, an application for an absentee ballot shall be filed with the designated election official no later than the close of business on **Tuesday** preceding the election, **April 25, 2023**.

5. LAND USE CODE AMENDMENT RECOMMENDATION

Amending Land Use Code Section 5-13, Affordable Housing, pertaining to Impact Fee for Residential Development, to increase the Exempt Floor area from 1800 s.f. to 2000 s.f.; and to revise the mitigation rate for floor areas 2501 s.f. to 5000 s.f. MOTION

6. EAST END MASTER PLAN UPDATE:

7. ADJOURN

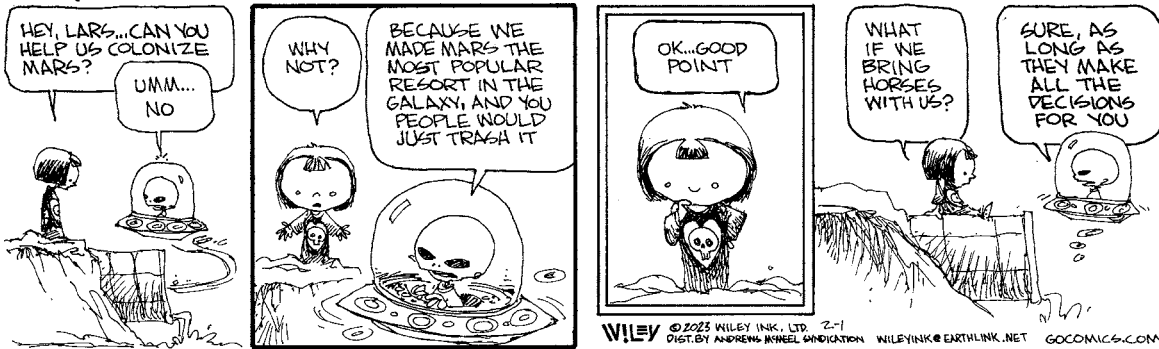
NOTE: All times are approximate; items may begin earlier (except public hearings) or later than scheduled. For more information contact Planning Department at (970) 728-3083. If special accommodations are necessary per ADA, contact 970-728-3844, via email at boc@sanmiguelcountycgo.gov prior to the meeting.

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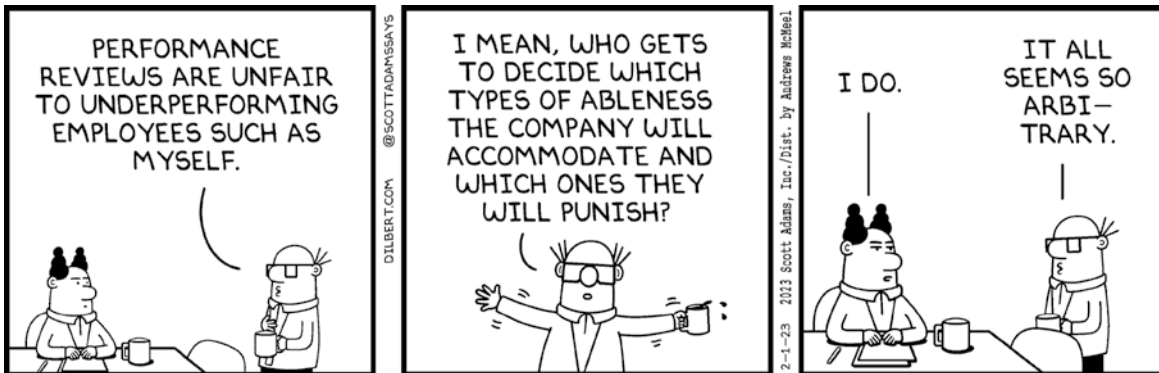
REQUEST FOR PROPOSALS: SAN MIGUEL COUNTY COURT-
HOUSE JURY CHAIRS PLATFORM

San Miguel County requests bids from experienced structural engineers to fabricate a steel platform/deck to support the installation of 12 jury chairs and 1 witness chair at the San Miguel County Courthouse in Telluride, Colorado. RFP info available at <https://www.sanmiguelcountycgo.gov/Bids.aspx> or the Parks & Open Space dept., PO 1170, 333 W. Colorado Ave., 3 rd Fl., Telluride, 81435. Contact Janet Kask (970)369-5469 or janetk@sanmiguelcountycgo.gov. Deadline for proposals is 5:00 pm Friday, February 17, 2023, either via USPS mail, email, or dropped off at the SMC Parks & Open Space dept. in Telluride.

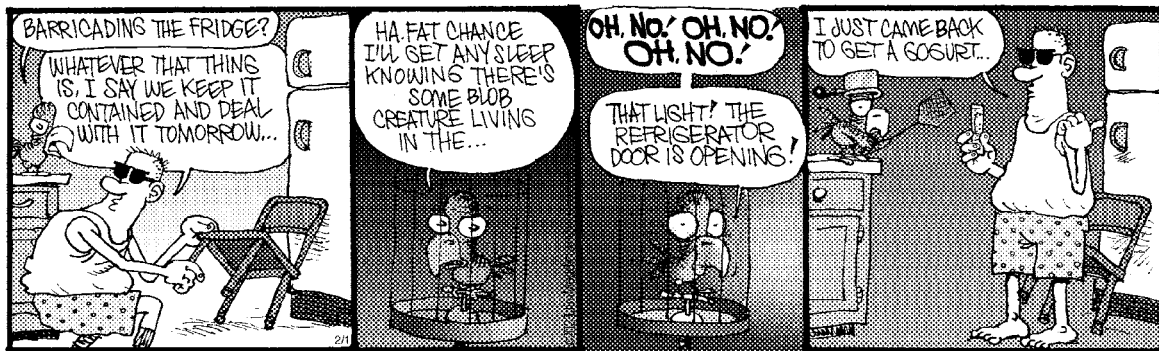
NON-SEQUITUR: WILEY MILLER



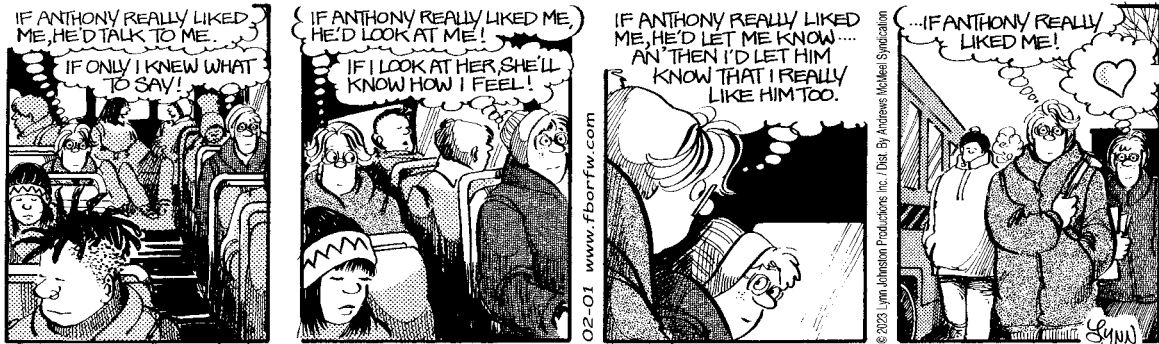
DILBERT: SCOTT ADAMS



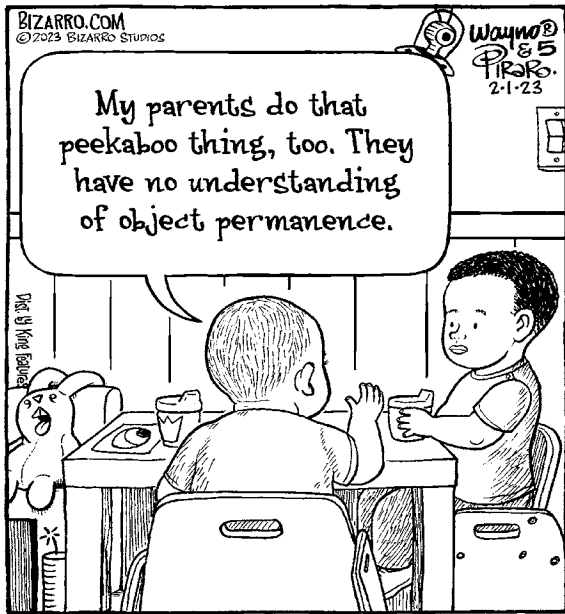
MONTY: JIM MEDDICK



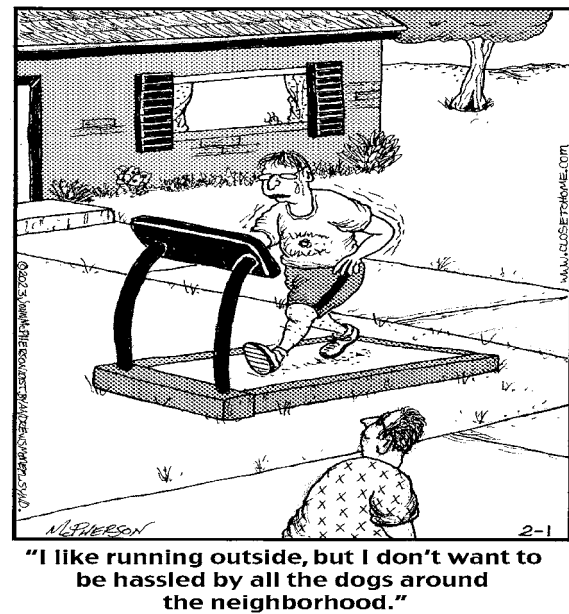
FOR BETTER OR FOR WORSE: LYNN JOHNSTON



BIZARRO: DAN PIRARO



CLOSE TO HOME: JOHN MCPHERSON



				4		8		
			3	5				
3	9			2	8		5	4
	4	6		8				2
	2						3	
8				7		6	4	
4	6		2	1			8	5
				3	4			
		2		6				

UNIVERSAL SUDOKU

Complete the grid so that every row, column and 3x3 box contains every digit from 1 to 9 inclusively.

Difficulty rating: 3

Previous puzzle solution:

5	4	8	3	1	7	9	6	2
2	9	1	5	4	6	3	8	7
6	3	7	9	2	8	1	4	5
9	7	3	8	5	4	6	2	1
1	2	6	7	3	9	4	5	8
4	8	5	2	6	1	7	3	9
7	6	4	1	8	5	2	9	3
3	5	9	4	7	2	8	1	6
8	1	2	6	9	3	5	7	4

Worship
Section



got hope?

see www.thealpinechapel.com
for service times



PLANNING DEPARTMENT

KAYE SIMONSON, PLANNING DIRECTOR

MEMORANDUM

TO: Amy Markwell, County Attorney
Mike Bordogna, County Manager
Scott Robson, Telluride Manager
Ron Quarles, Telluride Planning Director
Paul Wisor, Mountain Village Manager
Michelle Haynes, Mountain Village ATM -Planning & Development
Patti Graffmyer, Town of Norwood Manager
Mike Kimball, Town of Sawpit Mayor
Corrine Plat, Town of Ophir Mayor
John Wontrobski, Town of Ophir Manager

FROM: John Huebner, Senior Planner

RE: Land Use Code Amendment to Section 5-13 Affordable Housing, to exempt residences up to 2,000 square feet from AH Impact Fees, and to revise the stepped mitigation rate application to a linear rate

APPLICANT: San Miguel County

DATE: November 10, 2022

Please find enclosed the proposed land use code amendment for your review and comment. The Planning Commission meeting date is Thursday, December 8, 2022. Please provide your review comments by December 1, 2022 to John Huebner, Senior Planner, johnh@sanmiguelcountyco.gov in the County Planning Department. Please contact the Planning Department if you have any questions.

Your review comments are very important to us and help the Planning Commission and/or Board of County Commissioners understand the application and make informed decisions with appropriate conditions. All comments received in response to this request for review will be forwarded to the applicant and included in meeting packets for the decision makers. If you wish to discuss the project with staff prior to submitting final comments, please indicate in your email(s) that your comments and questions are preliminary.



John Huebner <johnh@sanmiguelcountyco.gov>

Agency Referral: San Miguel County LUC Amendment Section 5-13 AFF HS Residential Impact Fees

1 message

John Huebner <johnh@sanmiguelcountyco.gov>

Thu, Nov 10, 2022 at 3:38 PM

To: Amy Markwell <amym@sanmiguelcountyco.gov>, Mike Bordogna <mikeb@sanmiguelcountyco.gov>, James Van Hooser <jamesv@sanmiguelcountyco.gov>, srobson@telluride-co.gov, Ron Quarles <rquarles@telluride-co.gov>, pwisor@mtnvillage.org, Michelle Haynes <mhaynes@mtnvillage.org>, Patti Grafmeyer <grafmyer@norwoodtown.com>, Mike Kimball <michaelnjoyce@msn.com>, Corrinne Platt <mayor@town-ophir.co.gov>, John Wontrobski <manager@ophir.us>
Bcc: Kaye Simonson <kayes@sanmiguelcountyco.gov>

Please find attached draft Section 5-13 AFFORDABLE HOUSING Amendment to the San Miguel County Land Use Code. Thank you for reviewing the draft amendment and providing your comments.

The Planning Department requests that you please provide your review comments by December 1, 2022 to John Huebner, Senior Planner, johnh@sanmiguelcountyco.gov.

The Code Amendment is scheduled for review and recommendation by the Planning Commission on December 8. The Board of County Commissioner review date TBD. Regards,

John Huebner
Senior Planner
San Miguel County Planning Department
Office: (970)728-3083
www.sanmiguelcountyco.gov



San Miguel County
East End | Master Plan

For information about the San Miguel County East End Master Plan Update, go to www.sanmiguelcountyco.gov/eastendmasterplan



Refferal SMC LUC Amendment 5-13 AFF HS Impact Fees.pdf
420K