



Memorandum

Date: December 23, 2024

To: Amy Yeldell, DRMS

From: Chris Girardi, DRMS

RE: **Passiflora NOI, P-2024-011**
Notice of Intent to Conduct Prospection Operation for Hardrock/Metal Mines

Pertinent information regarding this Notice of Intent (NOI) is summarized below. This NOI still has adequacy issues that need to be addressed and is not ready for approval. The Division and the Applicant disagree regarding the reclamation liability cost estimate. Please provide additional information regarding the borehole sealing costs that would be required for this scope of work.

NOI Summary

Decision deadline: January 20, 2025

Location: Custer County, approximately 3 miles north of Silver Cliff, Colorado

Land ownership: Bureau of Land Management

Project description

Mineral being investigated: Silver, Base metals

Commencement – Completion dates: Late 2024- 4/31/2025

Amount of material to be extracted/moved: Applicant estimates 4000 pounds of material.

Surface excavations: Surface disturbance will be two mud pits/sump pits with dimensions of 8 feet by 8 feet x 8 feet (please note this is still an adequacy issue that needs to be addressed).

Drill holes/mud pits: One borehole down to 5000 feet ranging from 3.03" to 4.5" inches in diameter. The borehole will be drilled via fluid and air drilling using a 2021 Multi-Powered Titan HD Track Mounted Core Drill.

Other proposed disturbances: none (0.15 acres total)

Chemicals/fuel on site: Biodegradable liquid polymers, diesel fuel, bentonite, lubricants, cleaners.

Road disturbances/new roads: None



New structures: None

Surface water/groundwater impacts: None. If a water-bearing unit is encountered during drilling, the Applicant has committed to installing a mechanical plug above and below the water-bearing zone during borehole grouting in order to prevent aquifer communication.

Required bond amount: The Division's current reclamation cost estimate is \$70,640.00