


**COLORADO**Division of Reclamation,
Mining and Safety

Department of Natural Resources

MINERALS PROGRAM INSPECTION REPORT**PHONE: (303) 866-3567**

The Division of Reclamation, Mining and Safety has conducted an inspection of the mining operation noted below. This report documents observations concerning compliance with the terms of the permit and applicable rules and regulations of the Mined Land Reclamation Board.

MINE NAME: Profitt	MINE/PROSPECTING ID#: M-1991-054	MINERAL: Gold and silver	COUNTY: Saguache
INSPECTION TYPE: Monitoring	INSPECTOR(S): Stephanie J. Mitchell	INSP. DATE: August 15, 2019	INSP. TIME: 13:30
OPERATOR: Indian Creek Mining Corp	OPERATOR REPRESENTATIVE:	TYPE OF OPERATION: 110(1) - Hard Rock Limited Impact	

REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$1,500.00
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: September 9, 2019

The following inspection topics were identified as having Problems or Possible Violations. OPERATORS SHOULD READ THE FOLLOWING PAGES CAREFULLY IN ORDER TO ASSURE COMPLIANCE WITH THE TERMS OF THE PERMIT AND APPLICABLE RULES AND REGULATIONS. If a Possible Violation is indicated, you will be notified under separate cover as to when the Mined Land Reclamation Board will consider possible enforcement action.

INSPECTION TOPIC: Hydrologic Balance**PROBLEM/POSSIBLE VIOLATION:** Problem: A fuel spill has occurred at the site which has impacted soils, surface water or groundwater.**CORRECTIVE ACTIONS:** The operator shall immediately remediate the spill and submit a final report to the Division containing at least the following information:

- 1.) A description of how the spill was cleaned up containing at a minimum - the appropriate maps, volumes removed, sample locations, analytical data, and photo documentation.
- 2.) Evidence in the form of a receipt that the contaminated soil was disposed of by an approved method (such as sent to an approved landfill, land farming, recycling center, etc.).

CORRECTIVE ACTION DUE DATE: 11/08/19

OBSERVATIONS

This was a routine inspection conducted by the Division as part of its monitoring of Hard Rock 110(1) permits. No one was available to accompany me on the inspection after several attempts to reach the Operator. The site was not active on the day of the inspection. The site is located at treeline, at the head of the Indian Creek drainage, 18 miles north from HWY 114 on Forest Service Road 880. In the future, it is recommended to travel to site by ATV or Jeep.

The required permit ID sign was observed posted at the entrance gate to the permitted area. Permit boundary markers were installed at the boundary corners of the upper area. The permitted area is divided into two separate rectangles, the upper one encompassing the former shaft location, staging pad, overburden storage area, and the highwall that is actively mined; and the lower one which includes the portal and waste rock dump/pad. The operator has not disturbed the lower portal area, but since it is also included in the permit, its boundaries must also be marked (the same type of T-posts will be fine to use).

At the site, it was noted that there was a small dozer parked on the pad near the highwall. **The dozer was leaking hydraulic fluid and is listed as a problem at the beginning of this report.** There was no junk or stored fuel noted.

The ore occurs in a nearly-vertical vein, about 2-3 feet thick. In order to remove the ore more effectively, much of the surface material on the pad has been scraped away and placed in the overburden storage area at the north end. This has lowered the elevation by about 2 feet throughout the upper pad area. There was no stockpile of ore, and there is no mineralized water puddled on the pad or in runoff from the site.

The lower portion of the site contains an old portal with crosscut leading back to the vein, but the adit is caved. It is not completely closed and it has not been used in many years. If the operator does not plan to use the portal, it should be sealed; if there are future plans to rehab it, it should be secured against unauthorized entry. The lower pad that was created from waste rock has not been recently disturbed either. (The operator should note that there is an empty 30-gallon steel drum on the lower pad that must be removed from the site. It is not a contaminant, but it is liable to roll off the pad.) The lower pad area is becoming revegetated by encroachment of native vegetation.

The bond is capped by statute at \$1500. There were no problems noted.

Photographs from the inspection are on the following page.

Responses to this inspection report should be directed to Stephanie Mitchell at the Division of Reclamation, Mining and Safety, Grand Junction Field Office, 101 South 3rd Street, Room 301, Grand Junction, Colorado 81501, phone no. 303-866-3567 ext 8180.

PHOTOGRAPHS



Mine ID Sign



Buckets for Ore



Portal covered in snow



Area Below



Portal



Hydraulic Fluid Leak



Hydraulic Fluid Leak- close up

GENERAL INSPECTION TOPICS

The following list identifies the environmental and permit parameters inspected and gives a categorical evaluation of each

(AR) RECORDS----- <u>Y</u>	(FN) FINANCIAL WARRANTY----- <u>Y</u>	(RD) ROADS----- <u>Y</u>
(HB) HYDROLOGIC BALANCE----- <u>PB</u>	(BG) BACKFILL & GRADING----- <u>Y</u>	(EX) EXPLOSIVES----- <u>N</u>
(PW) PROCESSING WASTE/TAILING---- <u>N</u>	(SF) PROCESSING FACILITIES----- <u>N</u>	(TS) TOPSOIL----- <u>N</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE----- <u>Y</u>	(RV) REVEGETATION---- <u>Y</u>
(SM) SIGNS AND MARKERS----- <u>Y</u>	(SP) STORM WATER MGT PLAN---- <u>N</u>	(RS) RECL PLAN/COMP-- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(ST) STIPULATIONS----- <u>N</u>
(AT) ACID OR TOXIC MATERIALS----- <u>Y</u>	(OD) OFF-SITE DAMAGE----- <u>N</u>	

Y = Inspected and found in compliance / N = Not inspected / NA = Not applicable to this operation / PB = Problem cited / PV = Possible violation cited

Inspection Contact Address

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