




**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.

<b>MINE NAME:</b> Hawkeye Mine	<b>MINE/PROSPECTING ID#:</b> M-1978-311	<b>MINERAL:</b> Uranium and vanadium	<b>COUNTY:</b> San Miguel
<b>INSPECTION TYPE:</b> Monitoring	<b>INSPECTOR(S):</b> Lucas J. West	<b>INSP. DATE:</b> September 13, 2017	<b>INSP. TIME:</b> 13:30
<b>OPERATOR:</b> Gold Eagle Mining, Inc.	<b>OPERATOR REPRESENTATIVE:</b> DOE	<b>TYPE OF OPERATION:</b> 110d - Designated Limited Impact	
<b>REASON FOR INSPECTION:</b> Normal I&E Program	<b>BOND CALCULATION TYPE:</b> None	<b>BOND AMOUNT:</b> \$100.00	
<b>DATE OF COMPLAINT:</b> NA	<b>POST INSP. CONTACTS:</b> None	<b>JOINT INSP. AGENCY:</b> None	
<b>WEATHER:</b> Clear	<b>INSPECTOR'S SIGNATURE:</b> 	<b>SIGNATURE DATE:</b> September 26, 2017	

**GENERAL INSPECTION TOPICS**

This list identifies the environmental and permit parameters inspected and gives a categorical evaluation of each. No problems or possible violations were noted during the inspection. The mine operation was found to be in full compliance with Mineral Rules and Regulations of the Colorado Mined Land Reclamation Board for the Extraction of Construction Materials and/or for Hard Rock, Metal and Designated Mining Operations. Any person engaged in any mining operation shall notify the office of any failure or imminent failure, as soon as reasonably practicable after such person has knowledge of such condition or of any impoundment, embankment, or slope that poses a reasonable potential for danger to any persons or property or to the environment; or any environmental protection facility designed to contain or control chemicals or waste which are acid or toxic-forming, as identified in the permit.

(AR) RECORDS----- <u>Y</u>	(FN) FINANCIAL WARRANTY----- <u>N</u>	(RD) ROADS----- <u>Y</u>
(HB) HYDROLOGIC BALANCE----- <u>N</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>N</u>	(RV) REVEGETATION---- <u>Y</u>
(SM) SIGNS AND MARKERS----- <u>N</u>	(SP) STORM WATER MGT PLAN---- <u>N</u>	(CI) COMPLETE INSP---- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(RS) RECL PLAN/COMP-- <u>Y</u>
(AT) ACID OR TOXIC MATERIALS----- <u>N</u>	(OD) OFF-SITE DAMAGE----- <u>Y</u>	(ST) STIPULATIONS----- <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

## **OBSERVATIONS**

This inspection was conducted by the Division as part of its monitoring of Hard Rock and Metals 110d permitted operations. The Hawkeye Mine is listed as an active 110d operation that consists of 9.7 permitted acres. The site is part of the ongoing injunction with the Department of Energy (DOE) and was not active during this inspection. No Operator representative was present during the inspection, however representatives from DOE and their contractor Navarro were present. The Division currently holds \$100.00 in financial warranty for the site, with the remainder being held by the DOE. Four Photos accompany this report to illustrate the current site conditions.

The site includes a steel ore hopper, as seen in Photo One. The hopper is empty and free standing in a natural drainage located on the site. Discussions with the Operator indicate they would like to do some stabilization work to ensure it does not fall over, however due to the injunction, the work cannot commence. Also located on site is the historic waste rock pile that had been recontoured and topsoiled some time ago. Photo Two shows the waste rock pile that is well vegetated and stable. There is a secured portal onsite leading to the underground workings that is closed with a welded steel closure. The portal closure, seen in Photo Three, is stable and in good condition. It shows no signs of vandalism or attempted unauthorized entry. The road leading up to the portal is showing signs of minor erosion and should be closely monitored.

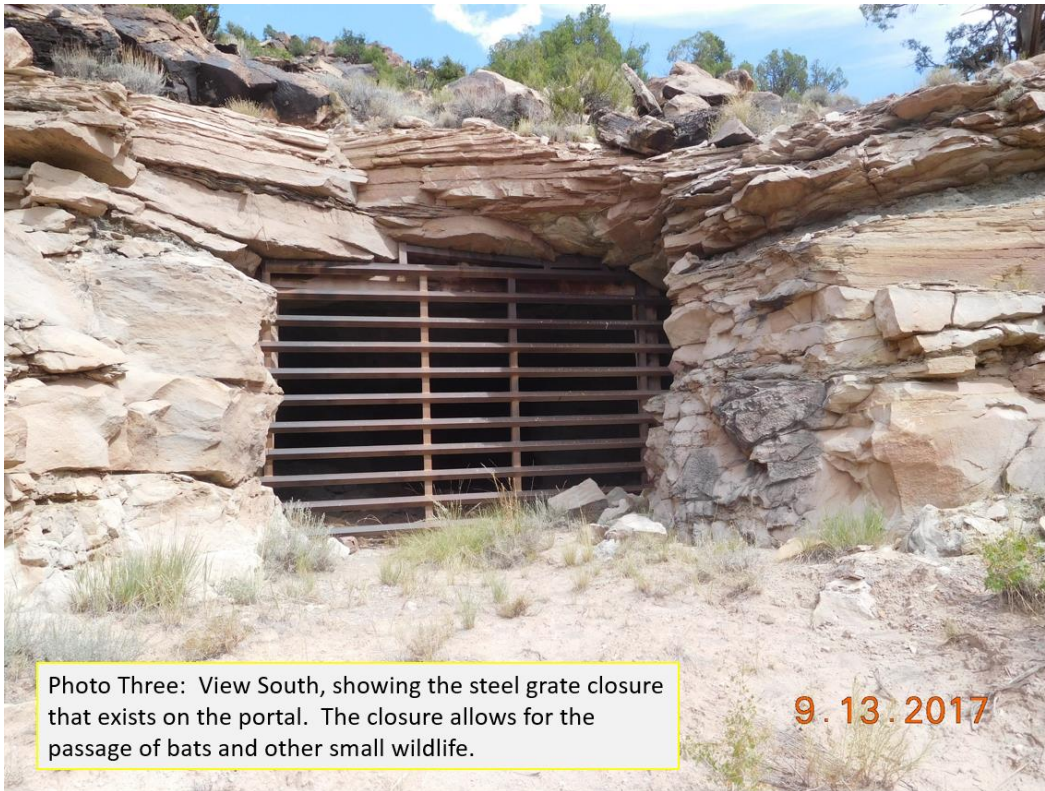
The site contains a natural drainage and the storm water controls lead to this natural drainage. The Operator was approved by the DOE to access the site to perform maintenance on the storm water control measures. The storm water controls lead through the site, down the natural drainage to a small "sediment pond" near the County Road. The sediment pond shown in Photo Four, is well vegetated to dissipate flows and was in good condition. A small population of Knapweed was observed in the "sediment basin" area. The Noxious weeds were pointed out to the representatives from Navarro who is in charge of site maintenance during the injunction. This is not being cited as a problem at this time because the population is so small however it should be monitored closely to prevent future problems.

The overall footprint of the site was in good condition and was free from trash and debris. The site exhibits positive drainage and no significant erosion was observed during this inspection. The lower area as well as the natural benches contained within the site are well vegetated and stable. No problems or possible violations were found during this inspection. All responses to this report should be directed to Lucas West at the Division of Reclamation, Mining and Safety at 1313 Sherman Street, Room 215, Denver, CO 80203 or by phone at (970)-243-6368.

## PHOTOGRAPHS







**Inspection Contact Address**

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Enclosure

CC: Russ Means, Senior Environmental Protection Specialist