




**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> Bachelor Mines	<b>MINE/PROSPECTING ID#:</b> M-1980-170	<b>MINERAL:</b> Silver	<b>COUNTY:</b> Ouray
<b>INSPECTION TYPE:</b> Monitoring	<b>INSPECTOR(S):</b> Lucas J. West	<b>INSP. DATE:</b> September 25, 2019	<b>INSP. TIME:</b> 13:00
<b>OPERATOR:</b> Bachelor Silver Mines Company	<b>OPERATOR REPRESENTATIVE:</b> Carl Dismant	<b>TYPE OF OPERATION:</b> 110(2) - Hard Rock Limited Impact	
<b>REASON FOR INSPECTION:</b> Normal I&E Program	<b>BOND CALCULATION TYPE:</b> Complete Bond	<b>BOND AMOUNT:</b> \$7,693.00	
<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> October 24, 2019	

**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>Y</u>	(RD) ROADS----- <u>N</u>
(HB) HYDROLOGIC BALANCE----- <u>Y</u>	(BG) BACKFILL & GRADING----- <u>N</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>N</u>
(SM) SIGNS AND MARKERS----- <u>Y</u>	(SP) STORM WATER MGT PLAN---- <u>N</u>	(RS) RECL PLAN/COMP-- <u>N</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <u>N</u>	(ST) STIPULATIONS----- <u>N</u>
(AT) ACID OR TOXIC MATERIALS----- <u>N</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

## **OBSERVATIONS**

This inspection was conducted as part of the normal monitoring program established by the Colorado Division of Reclamation, Mining and Safety. The Bachelor Mine is an active 110(2) underground operation located approximately 2.5 miles north of Ouray Colorado off of County Road 14. Public Access to the site is controlled by a locked gate. The site consists of 4.4 Permitted Acres in support of the operation. In addition to the underground recovery of silver, the site also operates as a tourist mine. The Division currently holds \$7,693.00 in Financial Warranty for the site. A reclamation cost estimate update was not performed as a result of this inspection. Carl Dismant of the Bachelor Silver Mines Company was present during the inspection. Four Photos accompany this report to illustrate the current site conditions.

The site was not active at the time of the inspection however mining equipment, including historic mining equipment was observed on site. The proper Mine Identification signage was posted at the entrance to the site and can be seen in Photo One. The main underground portal was observed and is good condition. The portal and tracks to the loadout area is covered under a shed structure. The main portal, which is referred to as the Syracuse Portal, and the shed structure can be seen in Photo Two, both were stable at the time of the inspection. The portal does have an associated discharge that was visually estimated to be flowing at approximately 25 Gallons Per Minute. The flow enters Lake Lenore Estates and does not discharge to the nearby stream channel. The water was clear and no evidence of mineral staining or precipitates were noted.

Along with the portal shed and loadout structure several outbuildings including a maintenance shop, gift shop and other facilities are located within the permit area. All outbuildings are in good condition and stable at the time of the inspection. Examples of the outbuildings can be seen in Photos Three and Four. Throughout the site no evidence of state listed noxious weeds were observed. No signs of significant erosion, settling or slumping was noted during the inspection

The overall footprint of the site is in excellent condition and free from trash and debris. No problems or possible violations were observed during the inspection. All responses to this report should be directed to Lucas West at the Colorado Division of Reclamation, Mining and Safety at 1313 Sherman Street, Room 215, Denver, CO 80203, by phone at 970-243-6368 or by email at [lucas.west@state.co.us](mailto:lucas.west@state.co.us).

### **Inspection Contact Address**

Carl Dismant  
Bachelor Silver Mines Company  
325 5th St  
Ouray, CO 81427

## PHOTOGRAPHS



Photo One: Showing the proper Mine ID signage posted at the entrance to the site.



Photo Two: View East showing the Syracuse Portal and it's associated shed structure. The portal and shed were in good condition at the time of the inspection.





Photo Three: View south, showing some of outbuildings located on site including the picnic area for the tourist operations. All outbuildings were secured and stable.



Photo Four: View east, showing the ore sorting building, historic processing building and other historic mining equipment.