




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: Young Ranch Resource Quarry	MINE/PROSPECTING ID#: M-2021-009	MINERAL: Granite, granite gneiss gold	COUNTY: Gilpin
INSPECTION TYPE: Monitoring	WEATHER: Clear	INSP. DATE: June 28, 2023	INSP. TIME: 09:00
OPERATOR: Young Ranch Resource LLC	OPERATOR REPRESENTATIVE: Bob Young	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: None	BOND AMOUNT: \$330,461.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
INSPECTOR(S): Brock Bowles	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: June 30, 2023	

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>N</u>	(FN) FINANCIAL WARRANTY----- <u>N</u>	(RD) ROADS----- <u>N</u>
(HB) HYDROLOGIC BALANCE----- <u>N</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>N</u>	(FW) FISH & WILDLIFE----- <u>N</u>	(RV) REVEGETATION---- <u>N</u>
(SM) SIGNS AND MARKERS----- <u>N</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 / N = Not inspected / NA = Not applicable to this operation / PB = Problem cited / PV = Possible violation cited

OBSERVATIONS

This inspection was conducted by Brock Bowles of the Division of Reclamation, Mining and Safety (Division). Robert Young of Young Ranch Resource (operator) was present for the inspection. The weather was clear, warm, no wind and the ground was dry.

The Young Ranch Resource Quarry is a 112c operation containing 469.7 permitted acres located about 3 miles ENE of Idaho Springs. The primary commodities are granite and gravel. The pre and post mining land use is rangeland.

This inspection was conducted at the request of Mr. Young. He wanted to keep the Division up to date on mine development progress and to ask clarifying questions. Some of the items discussed were: blasting plans, truck entrance configuration, facilities pad design and construction, processing equipment delivery and setup, phased mining plan, amendment and technical revision processes, stormwater management, and estimated timeline for mining production.

The main facilities pad area was being constructed in a drainage on the south side of the Central City Parkway at about mile marker 2.7. The south side of the pad area is being cut into the hillside. An excavator is removing the loose material from the hillside exposing a rock substrate. The rock will be blasted to expand the utilities pad to the south. The material cut from the hillside is pushed north by two dozers (photo 1) to fill in the area adjacent to the CCP. A ditch and collection basin were in place along the CCP to control storm water runoff.

The two southbound lanes of the Central City Parkway were blocked off and marked as a construction zone (photo 2). The lanes were being used for staging material and parking for the mine development.

Mr. Young is currently working with Central City to design a new truck entrance to the mine area. He is expecting to submit a Technical Revision soon to DRMS when the plan is finalized with the city.

PHOTOGRAPHS



Photo 1 – Dozers pushing material south to north to create facilities pad



Photo 2 – Southbound lanes of CCP closed for staging and parking during mine development



Photo 3 – Overview of eastern side of development area



Photo 4 – Overview of western side of development area

Inspection Contact Address

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