




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: Ace in the Hole- CMC284074	MINE/PROSPECTING ID#: M-2013-056	MINERAL: Gemstones	COUNTY: Teller
INSPECTION TYPE: Surety Release Inspection	INSPECTOR(S): Elliott Russell	INSP. DATE: May 20, 2021	INSP. TIME: 10:00
OPERATOR: Richard Fretterd	OPERATOR REPRESENTATIVE: Jean Cowman	TYPE OF OPERATION: 110(2) - Hard Rock Limited Impact	
REASON FOR INSPECTION: Surety Release Requested	BOND CALCULATION TYPE: None	BOND AMOUNT: \$3,900.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: U.S. Forest Service	JOINT INSP. AGENCY: U.S. Forest Service	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: June 17, 2021	

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>Y</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>Y</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>N</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>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

PROBLEMS/POSSIBLE VIOLATIONS

None observed during the inspection.

OBSERVATIONS

This inspection was conducted following the submittal of a Request for Full/Final Release of Entire Permit Area (SL-01) on November 12, 2020, by Jean Cowman, on behalf of Richard Fretterd. On November 25, 2020, the Division sent a Notice of Weather Delay to the Operator, postponing the release request inspection in accordance with Rule 4.17.2.

The Ace in the Hole- CMC284074 is a 110(2) Operation and is approved to affect 9.9 acres of land. The approved post-mining land use is rangeland. The site is located approximately 5 miles northeast of Lake George in Teller County. The Operator was represented by Jean Cowman during the inspection. This was a joint inspection with the United States Forest Service (USFS) which was represented by Christian Baker and Erin Dundas.

Availability Of Records: The Anniversary Date for the permit is August 25th of each year. The 2019-2020 Annual Report, Map, and Fee was received on August 28, 2020. The previous inspection was on June 14, 2017. There are no open infractions. After finding SL-01 complete, the Division notified the landowner (USFS), the Teller County Commissioners, the Teller County Planning Department, and the Teller-Park Conservation District of the Operator's request to be released from reclamation responsibility, as required by Rule 4.17.2. To date, the Division has not received any comments nor objections to the full release request.

Hydrologic Balance: Impacts to the prevailing hydrologic balance appeared to have been minimized. No standing water nor exposed groundwater was observed during the inspection.

Gen. Compliance With Mine Plan: The operation appeared to have followed the approved mine plan.

Backfilling and Grading: All slopes appeared to be appropriately backfilled and/or graded.

Sediment Control: The slopes within the permit boundary appeared stable and showed no signs of erosion.

Revegetation: The affected lands were vegetated with a diverse community of grasses, forbs, and shrubs. Additionally, aspen saplings have started to volunteer into the reclaimed area of the eastern dig site. Vegetative cover appeared to match adjacent off-site areas. No noxious weed infestations were observed.

Reclamation Success: Reclamation efforts appeared to have been successful. Nothing observed during the inspection would prevent the Division from approving the release request. Following the inspection, the Division contacted the USFS and they concurred with the pending decision to approve the release request.

The Division will approve the release request at this time. The Division is required to hold the final release paperwork and performance warranties for 30 days to allow for any appeals of the Division's decision. These documents will be sent to the Operator after the 30-day appeal period if no appeals are received.

This concludes the Division's Inspection Report; a subset of photographs taken during the time of the inspection are included below. If you need additional information or have any questions, please contact me at Division of Reclamation, Mining and Safety, 1313 Sherman Street, Room 215, Denver, CO 80203, by telephone at **303-866-3567 x8132**, or by email at elliott.russell@state.co.us.

PHOTOGRAPHS



Photo 1. Reclaimed access road; looking north.



Photo 2. Reclaimed access road; looking north.



Photo 3. Reclaimed dig site; looking north.



Photo 4. Reclaimed dig site; looking southwest.



Photo 5. Reclaimed dig site; looking south.

Inspection Contact Address

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