


**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: McCoy Gulch	MINE/PROSPECTING ID#: M-2017-017	MINERAL: Granite, granite gneiss	COUNTY: Fremont
INSPECTION TYPE: Preoperation Inspection	INSPECTOR(S): Timothy A. Cazier	INSP. DATE: May 2, 2017	INSP. TIME: 14:45
OPERATOR: Bureau of Land Management	OPERATOR REPRESENTATIVE: Ken Klco	TYPE OF OPERATION: NP - Needs Permit	

REASON FOR INSPECTION: Preoperation Inspection	BOND CALCULATION TYPE: None	BOND AMOUNT: No Bond Held
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: U.S.BLM	JOINT INSP. AGENCY: None
WEATHER: Cloudy	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: December 1, 2017

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: Availability Of Records**PROBLEM/POSSIBLE VIOLATION:** Problem: Failure to first obtain a reclamation permit from the Mined Land Reclamation Board before engaging in a new mining operation as required by 34-32.5-109(1) C.R.S.**CORRECTIVE ACTIONS:** Submit a 110c Mine Reclamation Permit Application by the Corrective Action Due date.**CORRECTIVE ACTION DUE DATE:** 3/01/18

OBSERVATIONS

This inspection was conducted at the request of Mr. Ken Klco as a pre-operational site visit for a proposed mine permit at a pre-law granite mine currently managed by the Bureau of Land Management as a "Common Use Area" where rock collection is allowed by contract only. The location off Fremont County Road 37 is between to other sites inspected with Mr. Klco on the same day. Mr. Klco and I were the only ones present during the inspection. The site is accessed from Fremont Co Rd 37 and is located approximately one mile north of Fremont CR 1A at its intersection with CR 37. This is an unpermitted site. It was not operating at the time of the inspection.

The purpose of the inspection was for Mr. Klco to brief the Division on the proposed mine and reclamation plans his client has for the site. Two small areas were historically worked. Both were blasted and a system of cables were used to move large rocks to the valley below where apparently wagons were used to transport the material offsite. The area proposed for the permit is small and the intent is to only collect rock already loose as a result of the pre-law blasting operation. Size of the available rock varies from very large boulders to 3-inch minus material. There are two working areas, referred herein as "East" and "West" (see **Figure 1**).

Availability of Records: This site is unpermitted, therefore the Division has no records. **The absence of a permit is cited as a problem on page 1 of this report.**

Backfilling and Grading: As the disturbance is pre-law, no backfilling is proposed by Mr. Klco's client. The plan is to pick rock generally greater than three inches, leaving smaller material for growth media (see **Photos 1 and 2**).

Excess Spoil and Dev. Waste: There is no overburden, all material to be collected has already been exposed.

Explosives: The current method of mining allowed by the BLM is to collect pre-law blasted rock. No blasting is allowed. Mr. Klco explained his client also plans not to use explosives, but only collect loose rock.

Financial Warranty: The site is unpermitted, therefore the Division holds no bond.

Fish and Wildlife: No impact was observed to wildlife.

Hydrologic Balance: A small amount of standing water was observed in the east working area pit (see **Photo 3**). Mr. Klco indicated this was from snowmelt. No exposed groundwater was observed.

Gen. Compliance with Mine Plan: The site is unpermitted, therefore no mine plan has been submitted to the Division. The current disturbance appears to be pre-law. However, blasted rock is apparently collected periodically with the knowledge of the BLM. Google Earth was used to measure the disturbed area, which was estimated to be approximately 1.24 acres on the west side and 0.99 additional acres on the east side for a total disturbance of 2.23 acres. High walls were estimated to vary between 10 and 50 feet in height and appeared stable (see **Photo 4**).

Processing Waste: All pre-law blasted rock was apparently considered waste rock by the historic operator. As Mr. Klco's client desire's to collect rock greater than three inches, the "process waste would be limited to 3-inch minus material that would possible provide growth material and help stabilize the remaining fines with respect to erosion.

Roads: County Rd 37 links the east and west sides. The access road from CR 37 to the west side (see **Photo 5**) is approximately 0.2 miles long. The access road to the east side is considerably shorter (see **Photo 6**). Given all roads in the vicinity are unpaved, it is unlikely access roads are a source of sediment that could be tracked offsite.

Revegetation: Mr. Klco indicated most of the revegetation would be brush similar to what was observed in the stockpiles with higher fines content. However, some grasses were observed (see **Photo 7**). No noxious weeds were observed.

Sediment Control: No erosion problems were observed and no BMPs were needed at the time of the inspection.

Support Facilities On-site: Heavy rusted cables (see **Photo 8**) from the pre-law mining operations were observed, but no other support equipment was present at the time of the inspection.

Signs and Markers: As this is an unpermitted site, no permit sign was posted. There was a BLM sign (see **Photo 6**) identifying the site as a common use area. Mr. Klco had previously flagged his client's proposed permit boundaries (separate east and west areas) with survey lathe (see **Photos 9 and 10**).

Topsoil: There is no topsoil in the pre-law disturbed area.

Please contact Tim Cazier (303)866-3567 ext. 8169 or email at tim.cazier@state.co.us if you have any questions regarding this report.

PHOTOGRAPHS



Photo 1. Example of fines supporting vegetation (West side, looking SE).

PHOTOGRAPHS (cont.)



Photo 2. Example of fines supporting vegetation (East side, looking north).



Photo 3. Standing water observed in the east working area (south side).

PHOTOGRAPHS (cont.)



Photo 4. High walls estimated between 10 and 50 feet in height (West side, looking NE).



Photo 5. West side access road from CR 37 (looking SE towards CR 37).

PHOTOGRAPHS (cont.)



Photo 6. East side access road from CR 37 (looking north, note Common Use Area sign)



Photo 7. Grasses observed on East side.

PHOTOGRAPHS (cont.)



Photo 8. Typical heavy rusted cables from the pre-law mining operations (West side).



Photo 9. Typical survey lathe marking proposed boundary (West side, top of highwall).

PHOTOGRAPHS (cont.)



Photo 10. Typical survey lathe marking proposed boundary (East side).

GENERAL INSPECTION TOPICS

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

(AR) RECORDS----- PB	(FN) FINANCIAL WARRANTY----- <u>Y</u>	(RD) ROADS----- <u>Y</u>
(HB) HYDROLOGIC BALANCE----- <u>Y</u>	(BG) BACKFILL & GRADING----- <u>Y</u>	(EX) EXPLOSIVES----- <u>Y</u>
(PW) PROCESSING WASTE/TAILING---- <u>Y</u>	(SF) PROCESSING FACILITIES----- <u>Y</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>Y</u>	(SP) STORM WATER MGT PLAN---- <u>NA</u>	(RS) RECL PLAN/COMP-- <u>NA</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>Y</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(ST) STIPULATIONS----- <u>NA</u>
(AT) ACID OR TOXIC MATERIALS----- <u>NA</u>	(OD) OFF-SITE DAMAGE----- <u>NA</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

Stephanie Carter, P.G.
Bureau of Land Management
Royal Gorge Field Office
3028 E Main Street
Cañon City, CO 81212

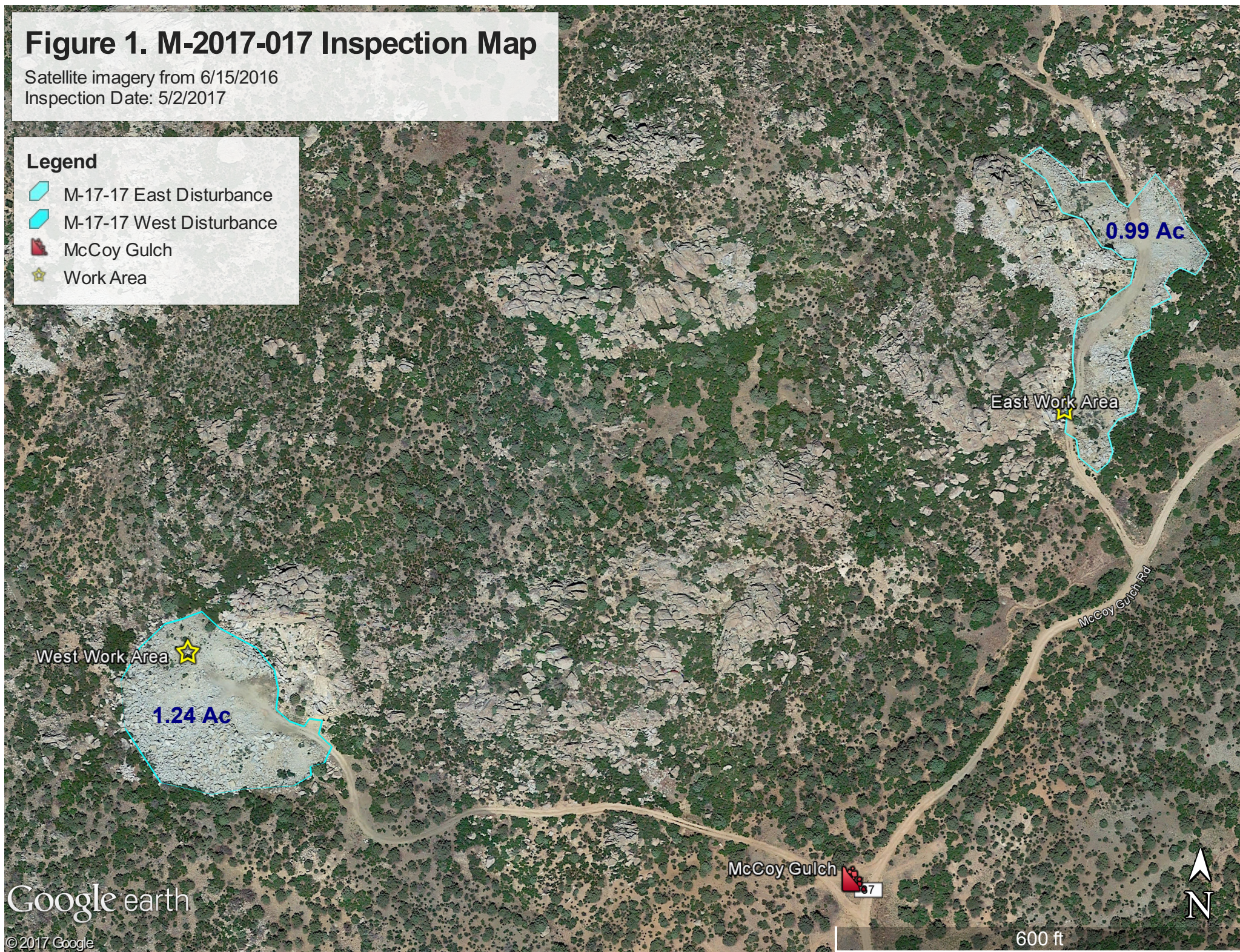
ec: DRMS File
Stephanie Carter, BLM
Ken Klco, Azurite, Inc.

Figure 1. M-2017-017 Inspection Map

Satellite imagery from 6/15/2016
Inspection Date: 5/2/2017

Legend

- M-17-17 East Disturbance
- M-17-17 West Disturbance
- McCoy Gulch
- Work Area



Google earth

© 2017 Google