


**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: J&J Stone Pit #1	MINE/PROSPECTING ID#: M-2011-004	MINERAL: Sandstone (silica, stone, quartzite)	COUNTY: Fremont
INSPECTION TYPE: Monitoring	INSPECTOR(S): Timothy A. Cazier	INSP. DATE: September 30, 2015	INSP. TIME: 12:50
OPERATOR: KrauthCo Inc	OPERATOR REPRESENTATIVE: Mike Krauth	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Partial Bond	BOND AMOUNT: \$5,608.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Cloudy	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: January 22, 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>Y</u>	(RD) ROADS----- <u>Y</u>
(HB) HYDROLOGIC BALANCE----- <u>Y</u>	(BG) BACKFILL & GRADING----- <u>Y</u>	(EX) EXPLOSIVES----- <u>NA</u>
(PW) PROCESSING WASTE/TAILING---- <u>Y</u>	(SF) PROCESSING FACILITIES----- <u>Y</u>	(TS) TOPSOIL----- <u>NA</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>Y</u>	(CI) COMPLETE INSP---- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>NA</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(RS) RECL PLAN/COMP-- <u>NA</u>
(AT) ACID OR TOXIC MATERIALS----- <u>NA</u>	(OD) OFF-SITE DAMAGE----- <u>Y</u>	(ST) STIPULATIONS----- <u>Y</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 regular monitoring program. The Operator (KrauthCo Inc) was represented during the inspection by Mr. Mike Krauth. The J&J Stone Pit #1 is accessed from Fremont Co Rd 9 approximately 4 miles north of Cañon City and is located approximately 0.6 miles east of FCR 9. This is a 112c sandstone mine. It was not operating at the time of the inspection. However, recent activity was noted.

Availability of Records: Annual fees are paid through September 2016. There are no open infractions.

Backfilling and Grading: Riprap material had been used to stabilize cut banks in the storage yard (see **Photo 1**).

Complete Inspection: The entire permit area was inspected. No problems were observed.

Financial Warranty: The \$5,608 bond held by the Division is adequate for the observed mine disturbance. The bond will be revisited as part of the current amendment application (AM-01).

Fish and Wildlife: No impact on wildlife was observed.

Hydrologic Balance: No standing water was observed in the pit and no exposed groundwater was observed. We discussed protecting the adjacent unnamed drainage (see **Photo 2**) and that some energy dissipation structure may be required in the future. Mr. Krauth pointed out the site sediment pond (see **Photo 3**) downgradient of the access road.

Gen. Compliance with Mine Plan: The operation appeared to be in compliance with the approved mine plan. Google Earth was used to measure the disturbed area, which was estimated to be approximately 0.84 acres as shown in **Figure 1**. The current working face consists of exposed sandstone (see **Photo 4**) which is fractured in layers using expanding clay in boreholes.

Off-site Damage: The operation appeared to be confined to the permit boundary.

Processing Waste: Mr. Krauth explained the only processing waste is a riprap material (discussed above) for which he was trying to develop a market.

Roads: Haul and access roads did not appear to be a source of sediment that could be tracked offsite.

Revegetation: No revegetated areas or noxious weeds were observed.

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

Support Facilities On-site: A grizzly screen, backhoe, small drill rig, and a forklift were observed on site.

Signs and Markers: The permit sign was properly posted (see **Photo 5**) and boundary markers were observed to delineate the permit boundary (see **Photo 6**).

Permit Stipulations: There are no permit stipulations.

Storm Water MGT Plan: No oil or fuel spills observed. Site sediment pond appeared adequate.

PHOTOGRAPHS



Photo #1 – Riprap material



Photo #2 – Unnamed drainage upgradient of sediment pond



Photo #3 – Site sediment pond



Photo #4 – Active working face

PHOTOGRAPHS (cont.)



Photo #5 – Permit sign



Photo #6 – Typical permit boundary sign

Enclosure

Inspection Contact Address

Michael D. Krauth
KrauthCo Inc
1068 Red Canyon Road
Cañon City, CO 81212

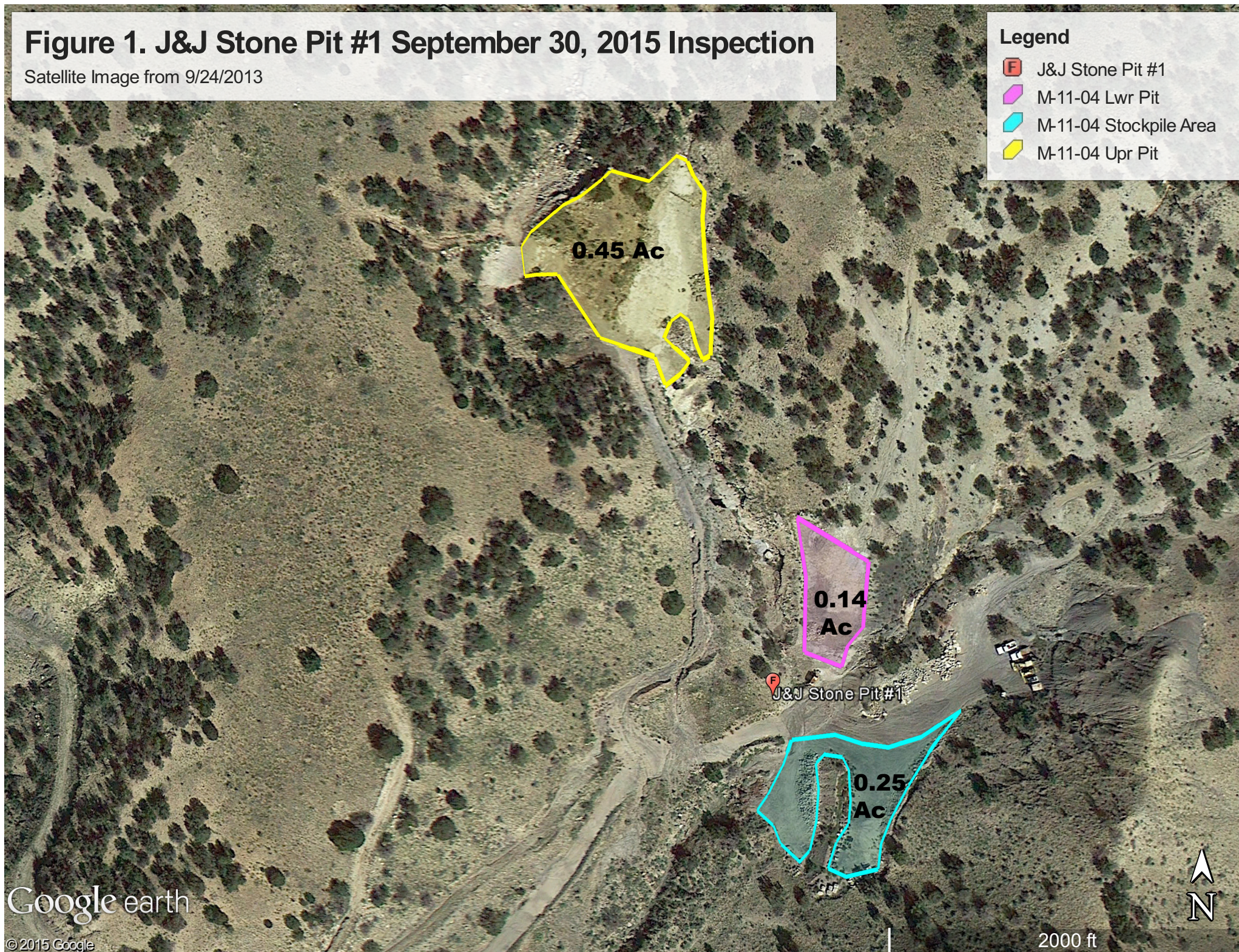
EC: DRMS file

Figure 1. J&J Stone Pit #1 September 30, 2015 Inspection

Satellite Image from 9/24/2013

Legend

- J&J Stone Pit #1
- M-11-04 Lwr Pit
- M-11-04 Stockpile Area
- M-11-04 Upr Pit



Google earth

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