



COLORADO DIVISION OF RECLAMATION, MINING AND SAFETY
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: Eureka Gravel Pit	MINE/PROSPECTING ID#: M-1990-070	MINERAL: Gravel	COUNTY: San Juan
INSPECTION TYPE: Monitoring	INSPECTOR(S): Wallace H. Erickson	INSP. DATE: Sept 13, 2013	INSP. TIME: 16:30
OPERATOR: San Juan County	OPERATOR REPRESENTATIVE: None present	TYPE OF OPERATION: 110c - Construction Limited Impact	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: None	BOND AMOUNT: \$0.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Clear	INSPECTOR'S SIGNATURE: <i>Wallace H. Erickson</i>	SIGNATURE DATE: November 5, 2013	

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>NA</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>NA</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>N</u>
(SM) SIGNS AND MARKERS----- <u>N</u>	(SP) STORM WATER MGT PLAN----- <u>N</u>	(SB) COMPLETE INSP----- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>Y</u>	(SC) EROSION/SEDIMENTATION----- <u>Y</u>	(RS) RECL PLAN/COMP----- <u>Y</u>
(AT) ACID OR TOXIC MATERIALS----- <u>Y</u>	(OD) OFF-SITE DAMAGE----- <u>Y</u>	(ST) STIPULATIONS----- <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

OBSERVATIONS

This inspection occurred as part of the Division's routine monitoring program of permitted operations. This report is accompanied by three photographs, taken during the inspections occurring on April 26, 2004, September 24, 2012, and September 26, 2013.

The original permit was approved to excavate materials from the toe of a talus slope. County Road 25 crosses the talus slope approximately 350 feet above the excavation area. The excavation activity ultimately over-steepened the talus slope, resulting in head-ward erosion advancing up slope and terminating at a scarp approximately 200 feet above the toe of slope and approximately 150 feet below County Road 25. The advancing head-ward erosion appeared to threaten the stability of County Road 25. The Operator was issued Violation MV-2004-051 on April 26, 2004, which was abated on November 22, 2004.

In response to the violation the Operator ceased the excavation activity and commenced backfilling the toe of slope. Later, the Operator commenced end-dumping talus materials which had been excavation from above County Road 25. The excavation activity above County Road 25 resulted in widening and/or realignment of County Road 25 deeper into the cut side of the talus slope and further from the downhill edge.

The three enclosed photographs show the results of the Operator's efforts. The well defined scarp, evident in 2004, has been partially backfilled and no longer spans the entire circumference above the previous excavation activity. Head-ward erosion continues to advance but at a reduced rate and as isolated gullies and not as an advancing front. In time the head-ward erosion will breach the edge of County Road 25, but the road has been widened, effectively relocating the driving surface more distant from the eroding slope.

The Operator has permanently ceased excavation activity at the site but continues to utilize the permit area to stockpile and process road maintenance materials. As shown in the 2013 photo, a stockpile of imported gravel and various culverts were present.

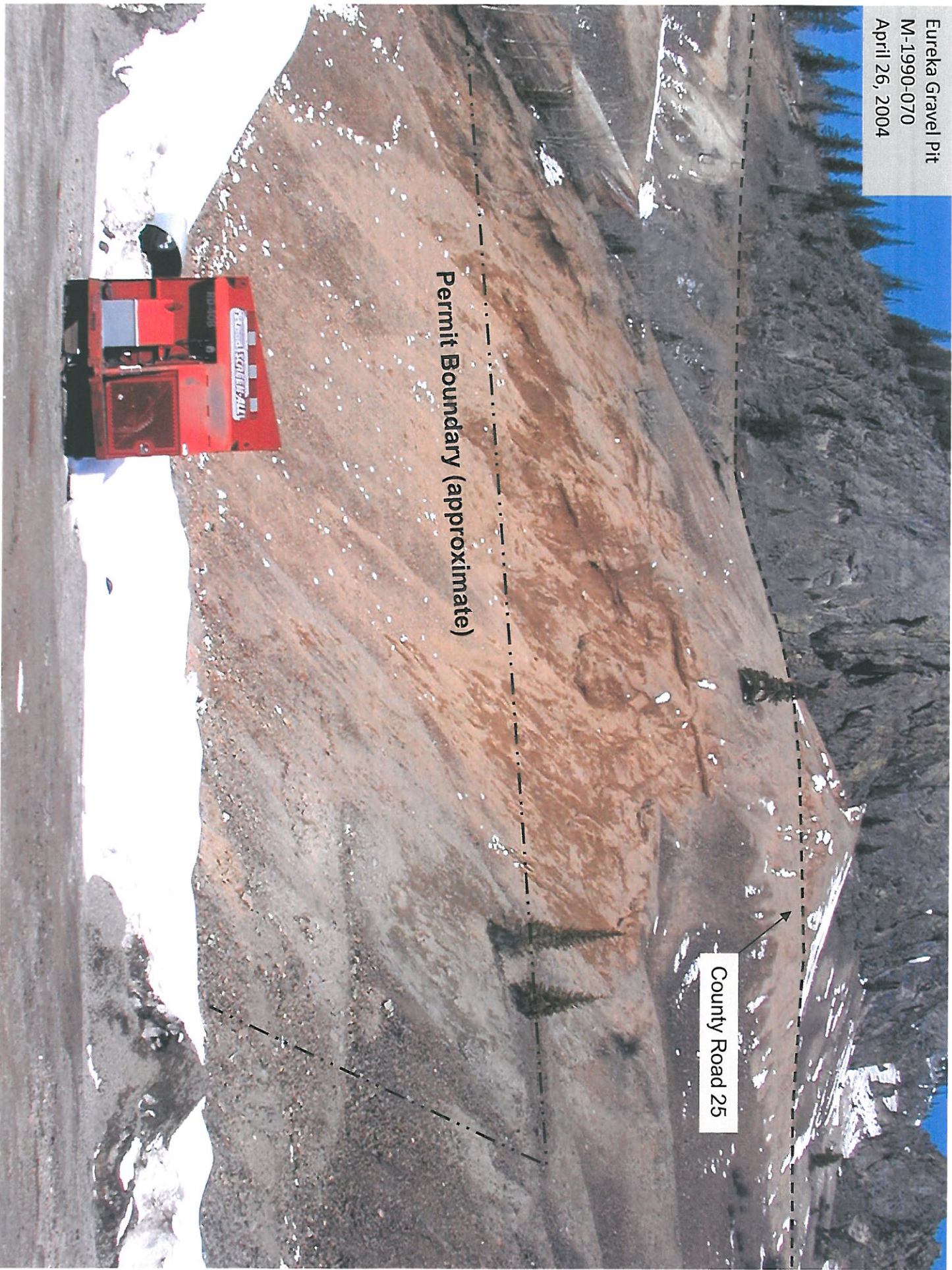
No problems or possible violations were observed.

Inspection Contact Address

Louis K. Girodo
San Juan County
1512 Greene Street
Silverton, CO 81433

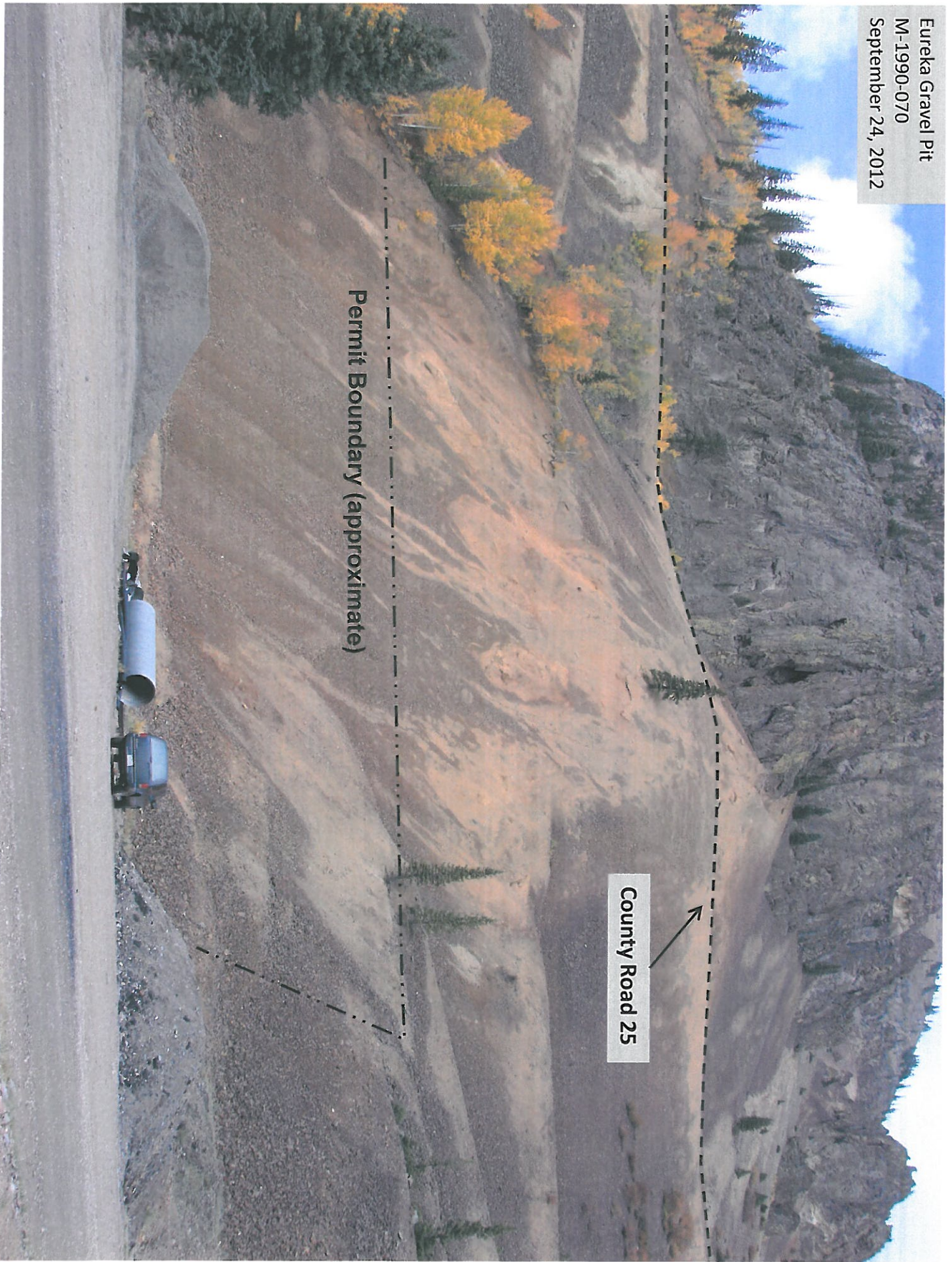
Enclosure: Three photographs

Ec w/enclosure: Russ Means, DRMS GJFO



Permit Boundary (approximate)

County Road 25



County Road 25

Permit Boundary (approximate)

