



**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.

<b>MINE NAME:</b> Eureka Gravel Pit	<b>MINE/PROSPECTING ID#:</b> M-1990-070	<b>MINERAL:</b> Gravel	<b>COUNTY:</b> San Juan
<b>INSPECTION TYPE:</b> Monitoring	<b>INSPECTOR(S):</b> Wallace H. Erickson	<b>INSP. DATE:</b> September 24, 2012	<b>INSP. TIME:</b> 10:30
<b>OPERATOR:</b> San Juan County	<b>OPERATOR REPRESENTATIVE:</b> None present	<b>TYPE OF OPERATION:</b> 110c - Construction Limited Impact	

<b>REASON FOR INSPECTION:</b> Normal I&E Program	<b>BOND CALCULATION TYPE:</b> None	<b>BOND AMOUNT:</b> \$0.00
<b>DATE OF COMPLAINT:</b> NA	<b>POST INSP. CONTACTS:</b> None	<b>JOINT INSP. AGENCY:</b> None
<b>WEATHER:</b> Cloudy	<b>INSPECTOR'S SIGNATURE:</b> <i>Wallace H. Erickson</i>	<b>SIGNATURE DATE:</b> October 3, 2012

**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>NA</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>Y</u>	(SF) PROCESSING FACILITIES----- <u>NA</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>	(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 of permitted operations. This report is accompanied by three photos.

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 located 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 CR 25. The Operator was issued violation number MV-2004-051 on April 26, 2004, which was abated on November 22, 2004.

In response to the violation, the Operator backfilled the toe of slope and later, commenced end-dumping talus material from CR 25, this flowed down to the scarp area. As shown in the enclosed photos, the Operator's efforts appear to have stabilized the scarp; the scarp appears to have ceased up-slope migration and the previously over-steepened slope appears to be somewhat stabilizing by the additional fill materials.

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

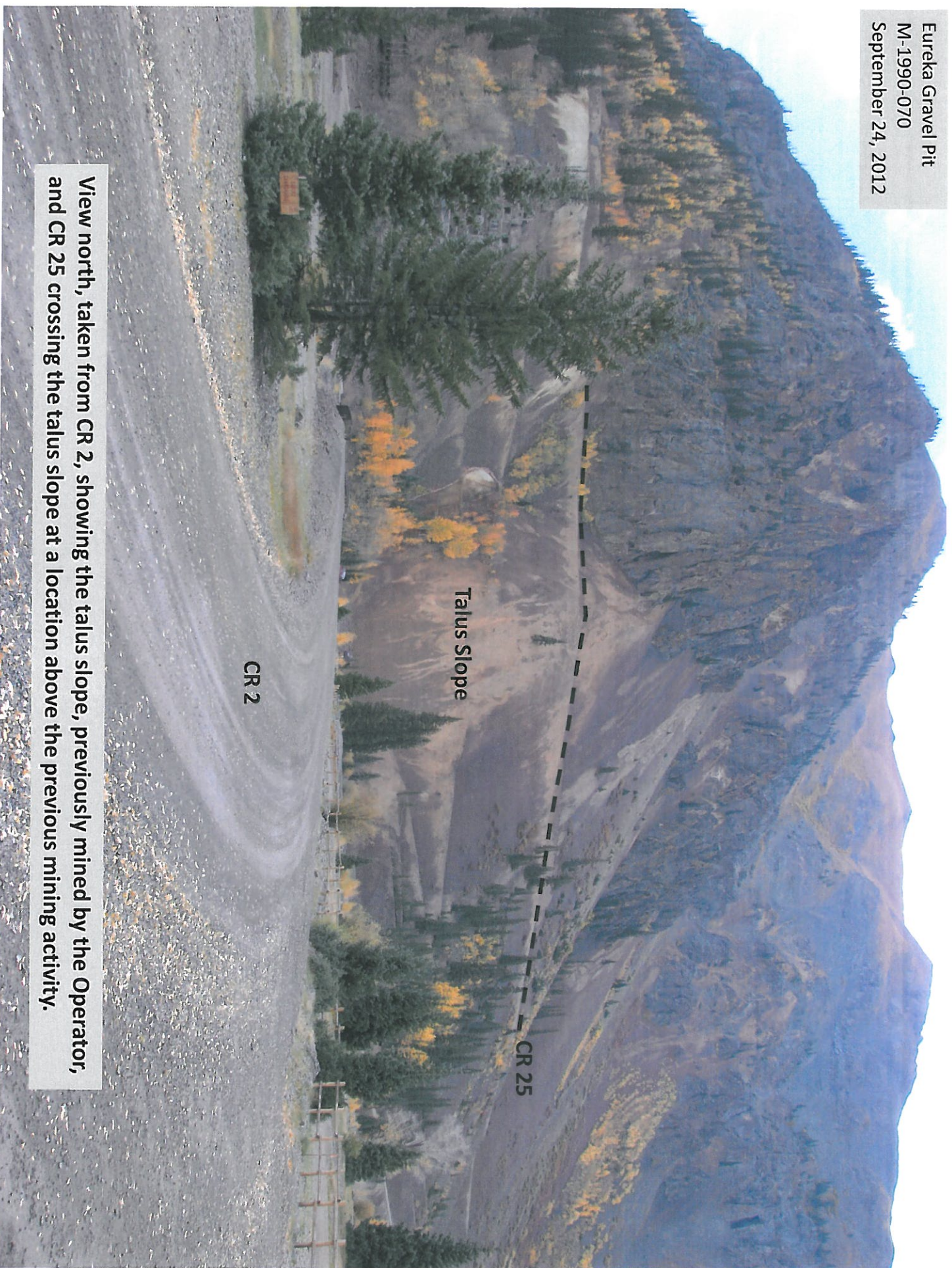
No problems or possible violations were observed.

#### **Inspection Contact Address**

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

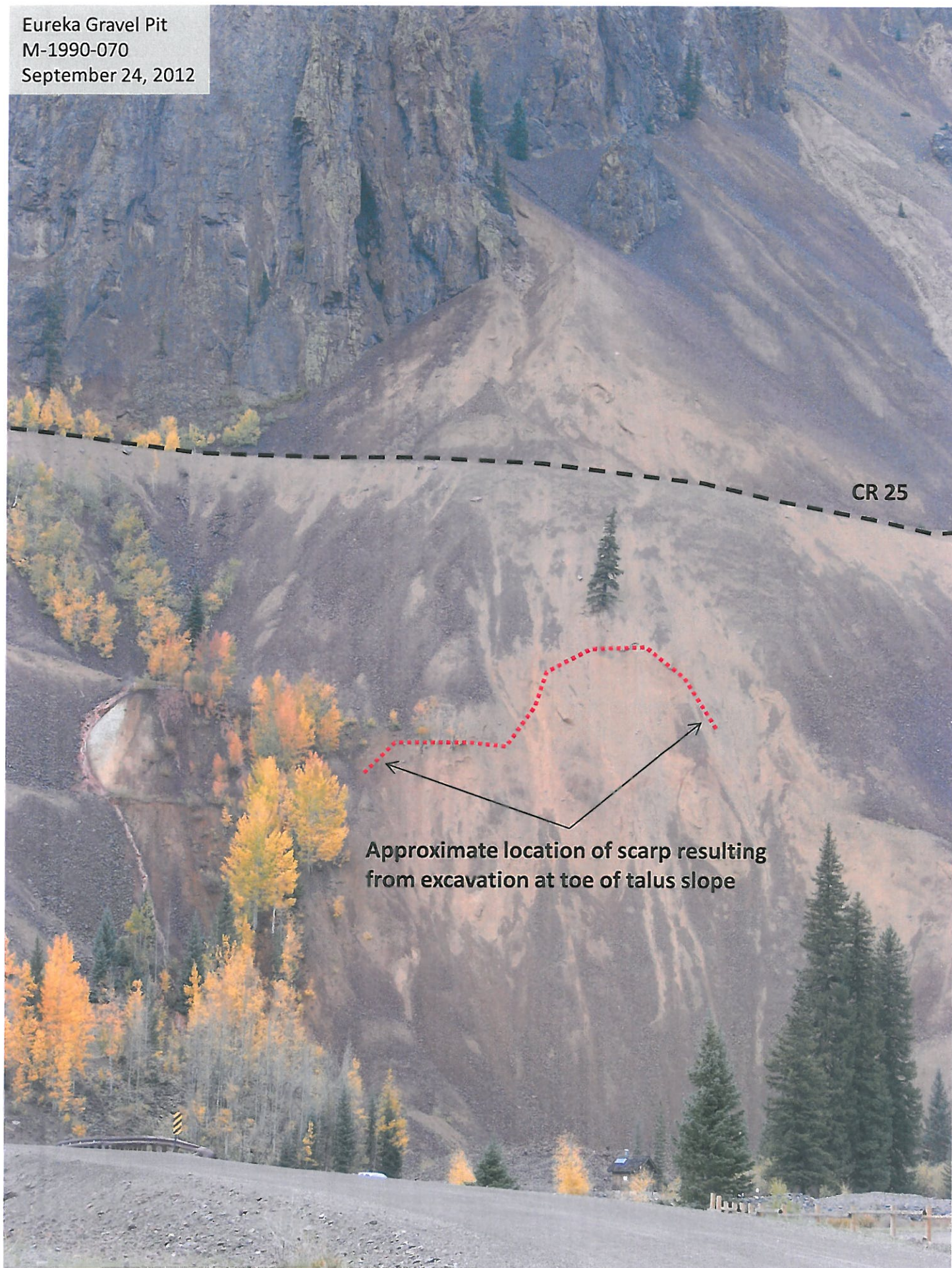
Enclosure: 3 photos

Ec w/enclosure: Russ Means



View north, taken from CR 2, showing the talus slope, previously mined by the Operator, and CR 25 crossing the talus slope at a location above the previous mining activity.

Eureka Gravel Pit  
M-1990-070  
September 24, 2012



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**Detail photo showing current condition of the scarp and over-steepened slope resulting from previous excavation occurring at the toe of slope. The Operator has been dumping talus material on the slope, resulting from widening of CR 25, which appears to be restoring the talus slope and healing the scarp.**