




## 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><br>Hitch Rack Ranch Quarry | <b>MINE/PROSPECTING ID#:</b><br>M-2016-010 | <b>MINERAL:</b><br>Granite, granite gneiss                         | <b>COUNTY:</b><br>El Paso   |
| <b>INSPECTION TYPE:</b><br>Aerial Inspection | <b>INSPECTOR(S):</b><br>Amy Eschberger     | <b>INSP. DATE:</b><br>June 17, 2016                                | <b>INSP. TIME:</b><br>11:50 |
| <b>OPERATOR:</b><br>Transit Mix Concrete Co. | <b>OPERATOR REPRESENTATIVE:</b><br>None    | <b>TYPE OF OPERATION:</b><br>112c - Construction Regular Operation |                             |

|  |  |  |
|--|--|--|
| <b>REASON FOR INSPECTION:</b><br>Preoperation Inspection | <b>BOND CALCULATION TYPE:</b><br>N/A – Application in Review   | <b>BOND AMOUNT:</b><br>N/A – Application in Review |
| <b>DATE OF COMPLAINT:</b><br>NA                          | <b>POST INSP. CONTACTS:</b><br>None  | <b>JOINT INSP. AGENCY:</b><br>None                 |
| <b>WEATHER:</b><br>Clear                                 | <b>INSPECTOR'S SIGNATURE:</b><br> | <b>SIGNATURE DATE:</b><br>July 6, 2016             |

### 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>NA</u>        |
| (HB) HYDROLOGIC BALANCE----- <u>NA</u>      | (BG) BACKFILL & GRADING----- <u>NA</u>    | (EX) EXPLOSIVES----- <u>NA</u>   |
| (PW) PROCESSING WASTE/TAILING---- <u>NA</u> | (SF) PROCESSING FACILITIES----- <u>NA</u> | (TS) TOPSOIL----- <u>NA</u>      |
| (MP) GENL MINE PLAN COMPLIANCE- <u>NA</u>   | (FW) FISH & WILDLIFE----- <u>NA</u>       | (RV) REVEGETATION---- <u>NA</u>  |
| (SM) SIGNS AND MARKERS----- <u>NA</u>       | (SP) STORM WATER MGT PLAN---- <u>NA</u>   | (CI) COMPLETE INSP---- <u>NA</u> |
| (ES) OVERBURDEN/DEV. WASTE----- <u>NA</u>   | (SC) EROSION/SEDIMENTATION--- <u>NA</u>   | (RS) RECL PLAN/COMP-- <u>NA</u>  |
| (AT) ACID OR TOXIC MATERIALS----- <u>NA</u> | (OD) OFF-SITE DAMAGE----- <u>NA</u>       | (ST) STIPULATIONS----- <u>NA</u> |

Y = Inspected / N = Not inspected / NA = Not applicable to this operation / PB = Problem cited / PV = Possible violation cited

### **OBSERVATIONS**

This was an aerial photo inspection of the proposed Hitch Rack Ranch Quarry (DRMS File No. M-2016-010) conducted by Amy Eschberger of the Division of Reclamation, Mining and Safety (Division) based on aerial photographs taken by the Division on June 17, 2016. The inspection was in response to a new 112 Construction Materials Reclamation Permit application that was filed with the Division on March 8, 2016 by Transit Mix Concrete Co. (applicant). The proposed permit area is 392.75 acres, which is the same as the proposed affected land in this case. The primary commodity to be mined is granite for use as construction aggregate. The proposed post-mining land use is wildlife habitat. The applicant was not represented during the inspection. The Division has conducted two field preoperation inspections of this site, which occurred on April 12, 2016 and June 07, 2016. Due to the size of the proposed affected land, its rugged terrain, and dense tree cover, the Division determined it would be helpful to also conduct this aerial preoperation inspection to better document pre-mining conditions.

The site is located approximately 10 miles southwest from Colorado Springs, Colorado in El Paso County. The proposed access to the site will be via a new haul road to be constructed off of Hwy 115. Currently, the site is accessed via Little Turkey Creek Road, which has a locked gate east of the property.

The following table summarizes the attached photos:

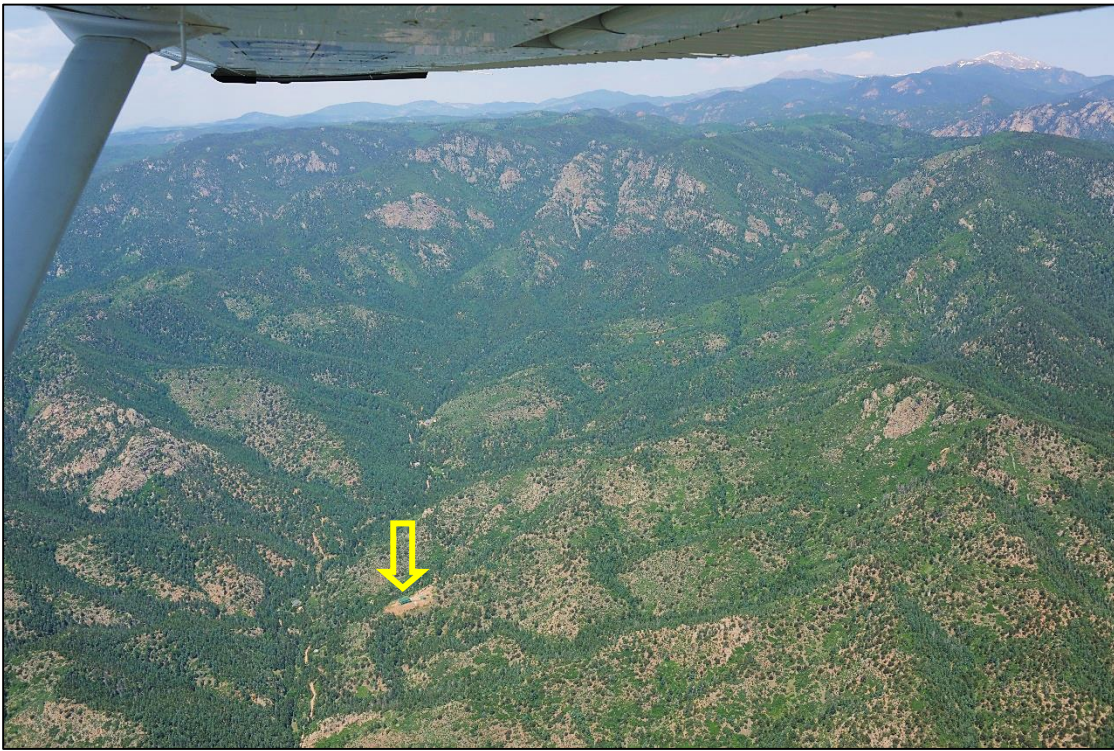
| <b>Photo No.</b> | <b>Shown in Photo</b>   | <b>Direction</b> | <b>Notes</b>   |
|------------------|---|------------------|--|
| <b>1</b>         | Looking upstream LTC  | NW               | House top ridge located ~1,000 ft west from proposed affected land; Proposed affected land not shown                         |
| <b>2</b>         | Looking upstream LTC; Drill road at western edge of proposed North Pit; Proposed valley for Fines/OB storage in South Pit                             | NW               | House top ridge located ~1,000 ft west from proposed affected land; Western edge of proposed affected land shown             |
| <b>3</b>         | Looking upstream LTC; Drill road at western edge of proposed North Pit; Proposed valley for Fines/OB storage in South Pit                             | NW               | Only western edge of proposed affected land shown  |
| <b>4</b>         | Drill road at western edge of proposed North Pit; Proposed valley for Fines/OB storage in South Pit; Proposed valley for topsoil storage in South Pit | NW               | Further east than in Photo 3; Only western edge of proposed affected land shown  |
| <b>5</b>         | Proposed affected land; Portion of proposed access road   | N/NE             | Sandstone outcrops at right, east of fault zone separating granite outcrops to west; Hwy 115 shown                           |
| <b>6</b>         | Proposed affected land; Glen Cairn reservoir located north of proposed access road  | N/NE             | Slightly closer view and further east than in Photo 5; Hwy 115 shown   |
| <b>7</b>         | Proposed affected land; Drill road at western edge of proposed North Pit; Proposed valley for Fines/OB storage in South Pit                           | NE               | Much of land in foreground outside of proposed affected land; Hwy 115 shown  |
| <b>8</b>         | Proposed affected land; Proposed valley for Fines/OB storage in South Pit   | NE               | Slightly further south and west than in Photo 7; Much of land in foreground outside of proposed affected land; Hwy 115 shown |

Acronyms:

LTC – Little Turkey Creek  
OB - Overburden



## PHOTOGRAPHS



**Photo 1.** View looking northwest, upstream of Little Turkey Creek. Note house (indicated) on top of ridge in foreground, which is located approximately 1,000 feet west of proposed affected land (not shown here).

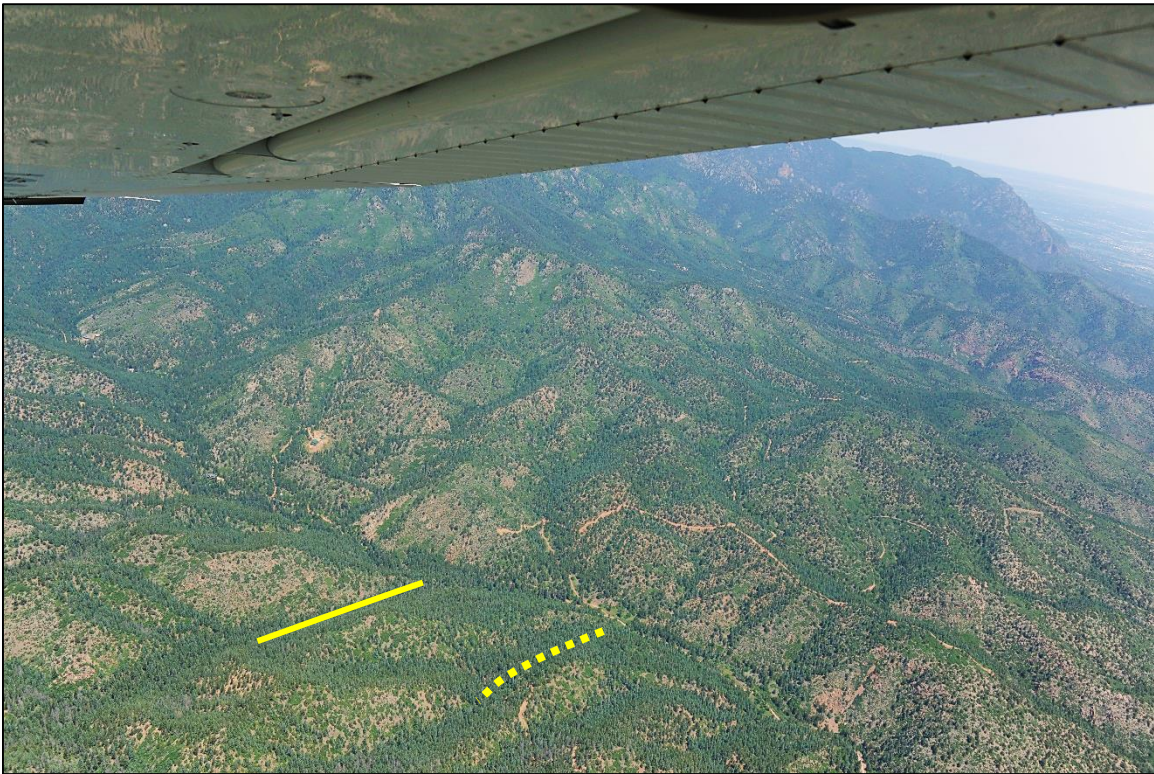


**Photo 2.** View looking northwest, upstream of Little Turkey Creek. Note house (indicated) on top of ridge, located approximately 1,000 feet west from proposed affected land. Western portion of proposed affected land shown in foreground. Drill road at western edge of North Pit at bottom right. For reference, proposed valley for fines/overburden storage in South Pit (indicated with line) at bottom center.





**Photo 3.** View looking slightly northwest, upstream of Little Turkey Creek. Only western edge of proposed affected land shown. Note drill road at western edge of proposed North Pit at bottom right. For reference, proposed valley for fines/overburden storage in South Pit (indicated with line) at bottom center.



**Photo 4.** View looking slightly northwest, further east than in **Photo 3**. Only western portion of proposed affected land shown. Note drill road across top ridge in proposed North Pit near center. Proposed valley for fines/overburden storage in South pit (indicated with solid line) at bottom left. Proposed valley for topsoil storage in South Pit (indicated with dotted line) shown at bottom center.



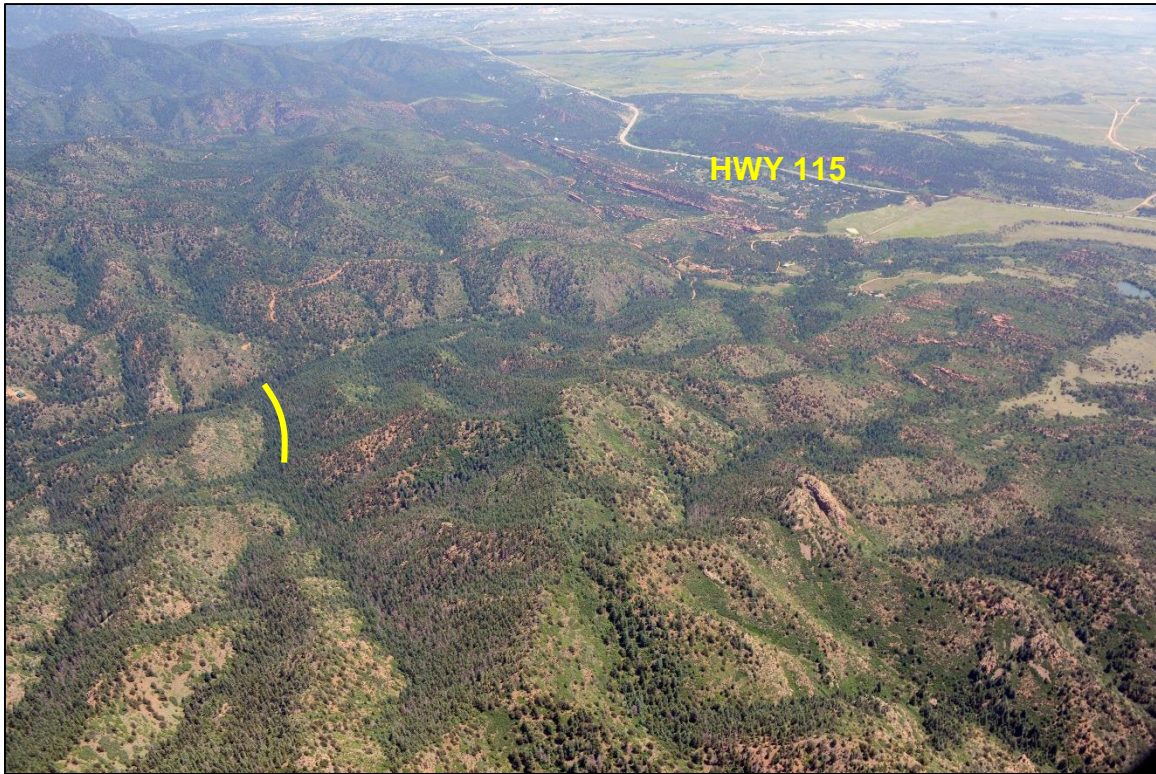


**Photo 5.** View looking north/northeast across proposed affected land (at center). A portion of proposed access road (not yet constructed) shown at bottom right (approximate location indicated). Sandstone outcrops shown at right, east of fault zone separating granite outcrops to west. Hwy 115 shown at right.



**Photo 6.** View looking north/northeast across proposed affected land (at center, left). Slightly closer view and further east than in **Photo 5**. For reference, Glen Cairn reservoir located north of proposed access road shown at right (circled). Hwy 115 shown at right.





**Photo 7.** View looking northeast across proposed affected land (at center). Much of land in foreground is outside of proposed affected land. Note drill road along top ridge in proposed North Pit. For reference, proposed valley for fines/overburden storage in South Pit shown at left (indicated). Hwy 115 shown at right.



**Photo 8.** View looking northeast across proposed affected land (at center). Slightly further south and west than in **Photo 7**. Much of land in foreground is outside of proposed affected land. For reference, proposed valley for fines/overburden storage shown at center (indicated). Hwy 115 shown at top, right.

**Inspection Contact Address**

Andre LaRoche  
Transit Mix Concrete Co.  
444 E. Costilla St.  
Colorado Springs, CO 80903

Enclosure(s): Google Earth image of site showing proposed affected land

CC: Paul Kos, Norwest Corporation (via email)

Tony, Waldron, DRMS  
Wally Erickson, DRMS  
Peter Hays, DRMS  
Tim Cazier, DRMS



# M-2016-010 / Hitch Rack Ranch Quarry / Transit Mix Concrete Co.

Red Outline = 392.75 acres = Proposed Affected Land (Approximate)

