




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: Table Mountain Quarry	MINE/PROSPECTING ID#: M-1999-004	MINERAL: Silica (quartz, quartz)	COUNTY: Fremont
INSPECTION TYPE: Monitoring	INSPECTOR(S): Timothy Cazier, P.E.	INSP. DATE: March 15, 2022	INSP. TIME: 13:25
OPERATOR: Tezak Heavy Equipment Co. Inc.	OPERATOR REPRESENTATIVE: Lu Toxvard	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: None	BOND AMOUNT: \$208,171.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: Colo. Land Board	JOINT INSP. AGENCY: None	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: April 8, 2022	

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>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>N</u>	(RS) RECL PLAN/COMP-- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>Y</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(ST) STIPULATIONS----- <u>Y</u>
(AT) ACID OR TOXIC MATERIALS----- <u>Y</u>	(OD) OFF-SITE DAMAGE----- <u>Y</u>	

Y = Inspected / 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 Permittee (Tezak Heavy Equipment [THE]) was represented by Mr. Lu Toxvard. Tim Cazier represented the Division. The Table Mountain Quarry is accessed from Highway 115 about 11 miles north of Penrose. The access road is approximately 3.5 miles from Hwy 115 to the active pit area. This is a 112c silica/quartz mine. It was not operating at the time of the inspection as maintenance was being performed on the grizzly screen.

Availability of Records: Annual reports are current, having been filed through June 2021, stating the last mining activity was on the day the report was submitted. The previous inspection was on January 29, 2018. The approved post-mine land use is wildlife habitat. There are no open infractions. Both the surface and minerals are managed by the Colorado State Land Board (SLB).

Backfilling and Grading: The mining direction is south to north. The Operator has been backfilling the east (see **Photo 1**) and west highwalls (see **Photo 2**) as the active highwall progresses.

Excess Spoil and Dev. Waste: Overburden north of the active highwall is stripped (see **Photo 3**) ahead of blasting and is stockpiled or immediately used for backfill.

Explosives: Blasting occurs about once per year with THE performing the blasting with explosives provided by a contractor. Mr. Toxvard stated blasting reports are kept on file in the Aggregate Source office. The closest structure is approximately 1.7 miles to the northeast from the active highwall.

Financial Warranty: The \$208,171 bond held by the DRMS was last updated in 2020 with the approval of TR-2 and included 59 acres of reseeded. This amount is adequate for the observed mine disturbance.

Fish and Wildlife: No impact to wildlife was observed.

Hydrologic Balance: No standing water was observed in the pit and no exposed groundwater was observed.

Gen. Compliance with Mine Plan: The operation appeared to be in compliance with the approved mine plan. THE has been mining Area A. The previous Permittee performed some mining in Area B. The maximum allowed disturbed area is 59 acres. Google Earth was used to measure the disturbed area, which was approximately 40 acres, based on 2019 imagery. Highwalls were estimated to vary between 40 and 45 feet in height (see **Photo 4**).

Off-site Damage: The operation appeared to be confined to the permit boundary, based on Google Earth review and site observations.

Processing Waste: Crusher fines and hard-to-sale roadbase is stockpiled on the south end, just north of the quonset hut.

Roads: Haul and access roads did not appear to be a source of sediment that could be tracked offsite. Mr. Toxvard stated they treat the road with mag-chloride for dust control.

Right of Entry: THE leases the site from the SLB.

Reclamation Success: As discussed above under "Backfilling and Grading", concurrent reclamation is being performed on the east and west highwalls.

Revegetation: Vegetation is becoming well established on the backfilled east and west highwalls (see **Photo 5**). Mr. Toxvard indicated they had sprayed for knapweed in 2021.

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

Support Facilities On-site: A screen plant and excavator were observed on site (see **Photo 6**).

Signs and Markers: The permit sign was properly posted (see **Photo 7**) and boundary markers were observed to delineate the permit boundary (see **Photo 8**).

Permit Stipulations: During the AM-01 review process, a commitment was made by the Permittee to limit the highwall to less than 2,000 lineal feet in order to keep the reclamation liability in line with the posted financial warranty. The observed highwall was estimated to be about 1,200 feet, including the unbackfilled portions of the east and west highwall.

Storm Water MGT Plan: No oil or fuel spills observed. Stormwater drains south to the sediment pond and either discharges when full, or infiltrates. The pond was in good condition (see **Photo 9**).

Structures: No structures were observed within 200 feet of the affected area.

Close-out Meeting: No problems were observed. Mr. Toxvard had no additional questions or concerns.

Please contact Tim Cazier (303)328-5229 or email at tim.cazier@state.co.us if you have any questions regarding this report.

PHOTOGRAPHS



Photo 1. Concurrent reclamation – east highwall backfill & reveg (looking ESE).

PHOTOGRAPHS (cont.)



Photo 2. Concurrent reclamation – west highwall backfill & reveg (looking south).



Photo 3. Stripped overburden north of highwall (looking west).

PHOTOGRAPHS (cont.)



Photo 4. Active highwall (looking west).



Photo 5. Revegetation on south end of backfilled east highwall (looking NE).

PHOTOGRAPHS (cont.)



Photo 6. Screen plant and excavator.



Photo 7. Permit sign off Hwy 115 entrance.

PHOTOGRAPHS (cont.)



Photo 8. Typical 50-foot boundary offset survey stake (west side) .



Photo 9. Sediment pond (south end of site, looking south).

Inspection Contact Address

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ec: DRMS file
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