

# **MINING INSPECTION REPORT**

**Iron Duke Mine**

**Permit #: OT006MN**

**Date of Inspection: March 21, 2024**

## **OVERVIEW**

**Name of Operator:** Gulf Coast Mining Group

**Commodity:** Iron

## **INSPECTION DETAILS**

**Purpose of Inspection:** Annual

**Weather Conditions** Sunny and warm

**Lead Inspector:** Samantha Rynas

**Present During Inspection:** Ron Kellermueller *Game and Fish*, Carmen Rose *MMD*.

**Time:** On-Site: 1 Permit Review: 1 Travel: 30mins Report Writing: 2 hr

**TOTAL INSPECTION TIME: 4.5 hours**

## **ACCESS NOTES:**

Site was inspected with other OT county mines.

## **PERMIT UPDATE**

Annual Site inspection, new permit lead site review, check on nesting Eagles status. Re-assess NOV/road issue. → See inspection report from May 17, 2023 for detailed permit update. Currently road issues are still not resolved.

## **INSPECTION NARRATIVE AND PHOTOS**

Arrived on site about 9am. Walked from the entrance up the steep road to the back area of the highwalls. Couldn't observe the Eagle nest from the backside, walked back around the front side of the high walls and observed the Eagle nest. Ron did not observe the nest being used. The previous remains of the Eagle were still visible. On the backside near the historic waste piles, an area appeared to look like machines had been used to move rocks (see photos). MMD then walked back out of the site from the front. While at the top of the high walls, no observable berms were visible on the un-permitted road. MMD then walked back down to the main mill site. I additionally walked up the un-permitted road from the bottom, and verified road still exists in a useable state.

**Mine entrance area:**

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The front gate has a small trailer, which was vandalized as well as a truck in disrepair. Near the truck was what appeared to be fresh dirt on a stockpile.



**FIGURE 1 TRAILER AND TRUCK**



**FIGURE 2 STOCKPILE**



**FIGURE 3 STOCKPILE AT ENTRANCE ON THE LEFT/SOUTH SIDE**



**FIGURE 4 LOOKING INTO PROCESSING AREA (WEST)**



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## **Mine processing area:**



**FIGURE 1 LOOKING UP TO THE HIGHWALL/MINING AREA (WEST)**



**FIGURE 2 STOCK PILES IN MINE PROCESSING AREA**



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**FIGURE 3 SIEVE IN THE MINE PROCESSING AREA**

## **Walking up approved road to the upper mountain:**



**FIGURE 4 LOOKING EAST DOWN THE ROAD**



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**FIGURE 5 LOWER DISTURBED EXPLORATION AREA**



**FIGURE 6 LOOKING DOWN THE ROAD FROM HISTORIC MINING FEATURE (EAST)**

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**FIGURE 7 LOOKING DOWN AT THE LONGER ROAD (NNE DIRECTION)**

## **Backside of Iron Duke Lode**



**FIGURE 8 LOOK NORTH WEST OFF THE ROAD**



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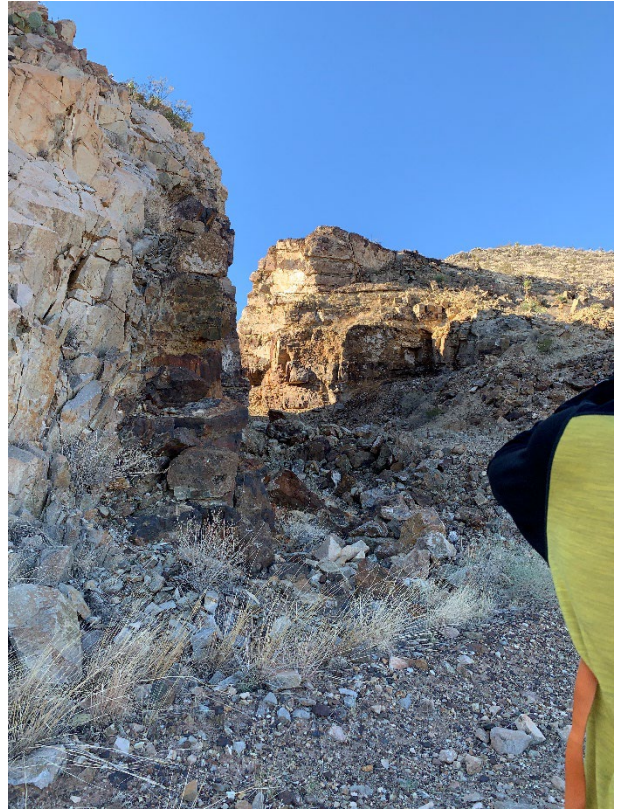
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**FIGURE 9 LOOKING AT BACKSIDE OF HIGHWALL CUT**



**FIGURE 10 LOOKING AT BACKSIDE OF HIGHWALL CUT**



**FIGURE 11 ROCKS APPEARING TO HAVE BEEN MOVED WITH MACHINES**



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**FIGURE 12 DRAINAGE OFF THE ROAD**



**FIGURE 13 PANORAMA OF DISTURBANCE LOOKING SOUTH**

### **Front side of highwalls/Upper Stock Pile**

This area addresses un-reclaimed road and eagles nest areas. While there was some vegetation growing in the upper stock pile, some areas appear more recently disturbed. There was slight berming visible on the northern side of the upper stock pile on one side but not related to the berming that should be closing the road at the bottom to prevent access.



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**FIGURE 14 LOOKNG DUE EAST TO THE ROAD**



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**FIGURE 15 LOOKING EAST DOWN THE ROAD.**



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**FIGURE 16 ROAD LOOKING NE**



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**FIGURE 17 LOOKING ACROSS STOCKPILE; NEWER DISTURBANCE**



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**FIGURE 19 TOP OF THE STOCKPILE**



**FIGURE 18 LOOKING UP THE UN-RECLAIMED ROAD**



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**FIGURE 20 LOOKING UP UNRECLAIMED ROAD AT THE STOCKPILE**

At the end of our inspection a local land steward Eddy? for Gulf Coast Mining Group, met us at the gate. We got an update that the previous contact for the mine had passed away and there was a new point of contact (David Davidson, 480-226-3113, [david@gceintl.com](mailto:david@gceintl.com)). This operator was asking if we were there for the project they were starting on. On follow up: David Davidson or Randy Bouldin are the main points of contact.

### **ACTION ITEMS**

Re-assess NOV/road issue. Request updated Permit to address FA/Disturbance.

**INSPECTOR'S SIGNATURE:** Samantha Rynas **DATE:** 4/8/2024