



**Minerals Exploration/Sampling/Testing Inspection**  
U.S. Department of the Interior  
Bureau of Land Management  
Royal Gorge Field Office



The BLM has conducted an inspection of your operations, which concludes whether the documented operations on file with BLM are compliant or non-compliant. Any non-compliance issues are reported in the Additional Actions Necessary section of this inspection.

**Operation Type:** ☐ 3802 Pre-10/21/1976 ☒ 3802 Post-10/21/1976 ☐ 3809 included

<b>Date:</b> October 13, 2020 <b>Time:</b> 10:00 a.m. <b>Weather:</b> Sunny	<b>Operation Name:</b> Zephyr <b>Operator:</b> Scott Parks-geologist <b>Case Number:</b> N/A <b>CDRMS Number:</b> P-2020-002
<b>Attendees</b> <b>BLM:</b> S. Carter, L. Skinner <b>Operator(s):</b> - <b>Other(s):</b> -	<b>General</b> <b>Operation(s) are in compliance with documentation on file</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <b>Operation(s) and disturbance on-site coincide with the operations and access on file</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A

**Inspection Purpose:** ☐ Pre-Operations ☐ General ☐ Final ☐ Trespass ☐ Complaint

Inspection Items	Compliant	Non-Compliant	N/A
<b>1. Method of Operations</b>			
Drilling, Trenching/Surface Excavation & Underground Excavation			
<b>a. Drilling</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i. Pad Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ii. Drill/Drilling Equipment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
iii. Mud Pits	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
iv. Borehole Abandonment/Monitoring Well Conversion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Borehole Status: <input checked="" type="checkbox"/> Complete <input type="checkbox"/> Incomplete	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
v. Pad Reclamation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>b. Trenching/Surface Excavation</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
i. Trench/Excavation Construction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ii. Trench/Excavation Stability	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
iii. Excavation/Reclamation Equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
iv. Trench/Excavation Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>c. Underground Excavation</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
i. Portal Construction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ii. Portal Stability	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
iii. Blasting Operations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Status: <input type="checkbox"/> Internal <input type="checkbox"/> External	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
iv. Excavation/Reclamation Equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
v. Portal Reclamation/Conversion of Entry	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>2. Site Conditions</b>			
<b>a. Material/Waste Rock Management</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>b. Erosion &amp; Stormwater Control</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>c. Man-made Structures</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

d. Weed Management	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e. Safety Conditions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. Interim Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
g. Interim Management Plan	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Inspection Items	Compliant	Non-Compliant	N/A
<b>3. Housekeeping</b>			
a. Container Management	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Spills/Leaks Observed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Hazardous Substances/POL Management	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. General Housekeeping	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>4. Access</b>			
a. Road Management	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Berms	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. Security	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. Signage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e. Surface Water Controls	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>5. Quality Assurance/Quality Control</b>			
a. Routine Site Conditions Monitoring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Air, Water, Noise, Other Monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. Monitoring Reporting	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. Regulatory Submittals	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Other Agency/Entity Permits	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>6. Final Reclamation</b>			
a. Drill holes/Sample locations:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Access Roads/Landing Area:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Revegetation	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. Removal of Structures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Free of Trash	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. BLM RGFO Solid Minerals FINAL Reclamation Standards met:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>7. WSA (3802 regs)</b>			
a. Access: No construction and/or major improvements and maintenance	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Trees: $\geq 2''$ at the base not cut	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Equipment: No use of tracked vehicles or mechanized earth moving equipment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Vehicles: No use of motorized vehicles over other than open use areas and trails	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. No construction or placing of any mobile, portable, or fixed structure on BLM for more than 30 days	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. No use of explosives	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g. No operations have caused changes to a water course	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Additional Actions Necessary**

Non-Compliance Issues to be addressed by Operator

None

**Final Notes**

General Comments:

- Structure was completely out on 8/29 2020.
- Site reclamation was completed on 9/10/2020.
- Straw was observed on the ground
- Vegetation growth will be checked in late spring/early summer of 2021.

Date inspection shared with CDRMS: 11/25/2020

Date inspection shared with Operator: 11/25/2020



## Images

**Image 1:**



Comment: Former location of pump alongside creek

**Image 2:**



Comment: Former location of pump alongside creek



## Images

**Image 3:**



Comment: Area where water hoses were previously located

**Image 4:**



Comment: Area where water hoses were previously located



## Images

**Image 5:**



Comment: Former helicopter landing pad

**Image 6:**



Comment: Overall picture of former drill site



## Images

**Image 7:**



Comment: Former drill site with visible straw

**Image 8:**



Comment: Former drill site with visible straw



## Images

**Image 9:**



Comment: Former drill site with visible straw

**Image 10:**



Comment: Abandoned drill hole



**Image 11:**



Comment: Former drill site with visible straw

**Image 12:**



Comment: Former drill site with visible straw



**Image 13:**



Comment: Sample locations observed near former helicopter landing pad

**Image 14:**



Comment: Close up of one sample location