

STATE OF  
COLORADO

Cazier - DNR, Tim &lt;tim.cazier@state.co.us&gt;

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**BLM Inspection on 08/01/2018: Beaver Creek & Patton Mine**

1 message

**Amber Sanderson** <asanderson@blm.gov>

Wed, Aug 8, 2018 at 12:45 PM

To: "Cazier - DNR, Tim" &lt;tim.cazier@state.co.us&gt;, phillip.courtney@state.co.us

Hi Tim and Phil,

Attached are the BLM inspections for both Beaver Creek and Patton Mines. I have also attached an updated Patton Mine map of the surface disturbance on private lands and KML files of the surface disturbance boundary I collected during the inspection and the SLB GPS points Phil took of the state/BLM mineral boundary.

Please let me know if you have any questions.

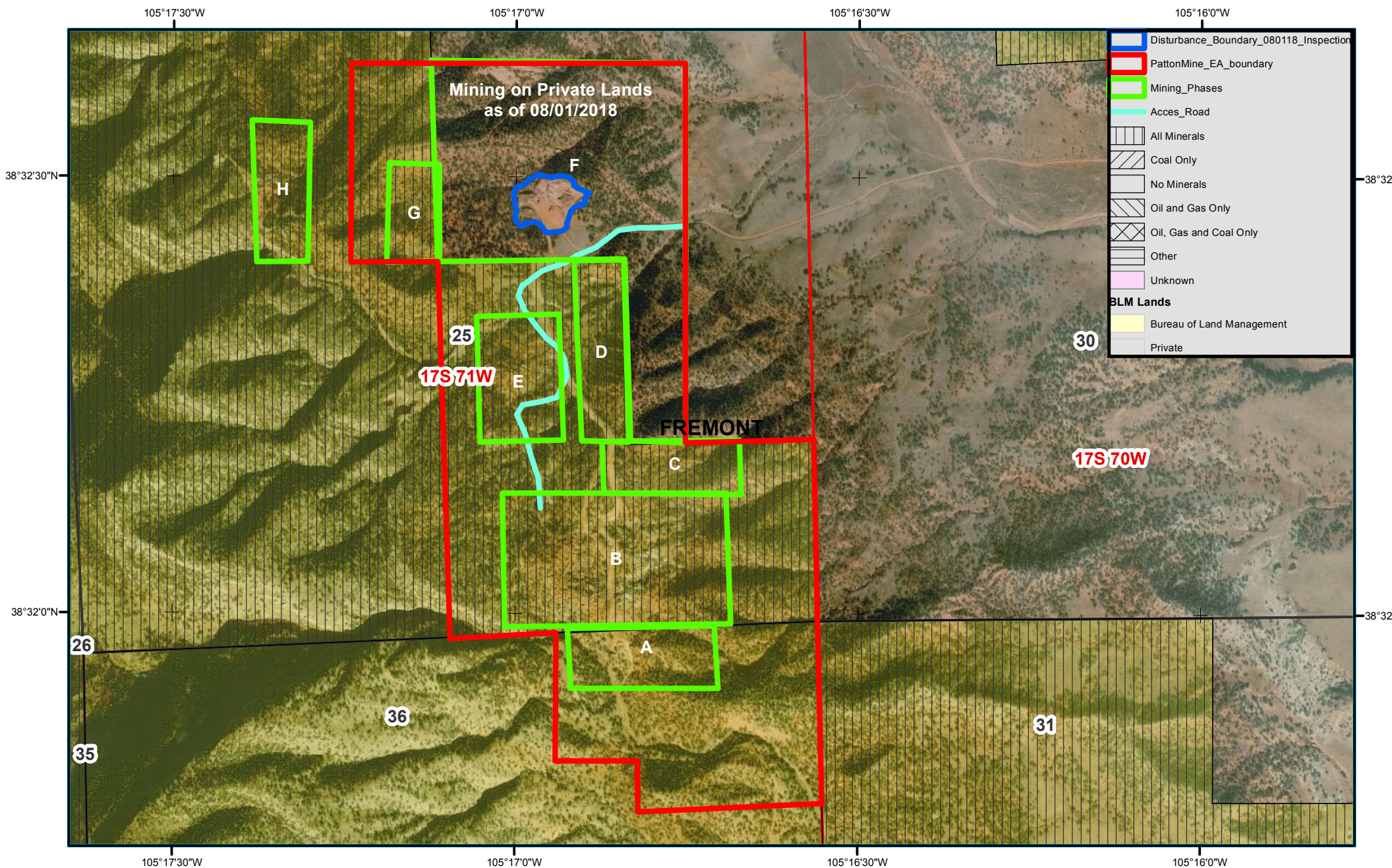
Take care,

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Amber Sanderson  
Geologist  
BLM Royal Gorge Field Office  
3028 E. Main St.  
Cañon City, CO 81212  
(719) 269-8750

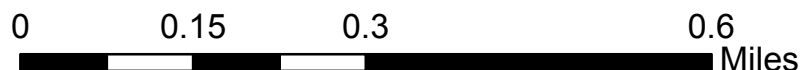
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**6 attachments****080118\_PattonMine\_ShawPark\_Disturbance\_map.pdf**  
1589K**080118\_PattonMine\_SLBMap.pdf**  
1615K**080118\_BeaverCreek\_Inspection.pdf**  
265K**080118\_ShawPark\_Patton\_Mine\_Inspection.pdf**  
257K**PattonMine\_Disturbance\_Boundary\_080118\_Inspection.lyr.kmz**  
3K**080118\_SLB\_Points.kmz**  
2K



# Patton Mine (Shaw Park)

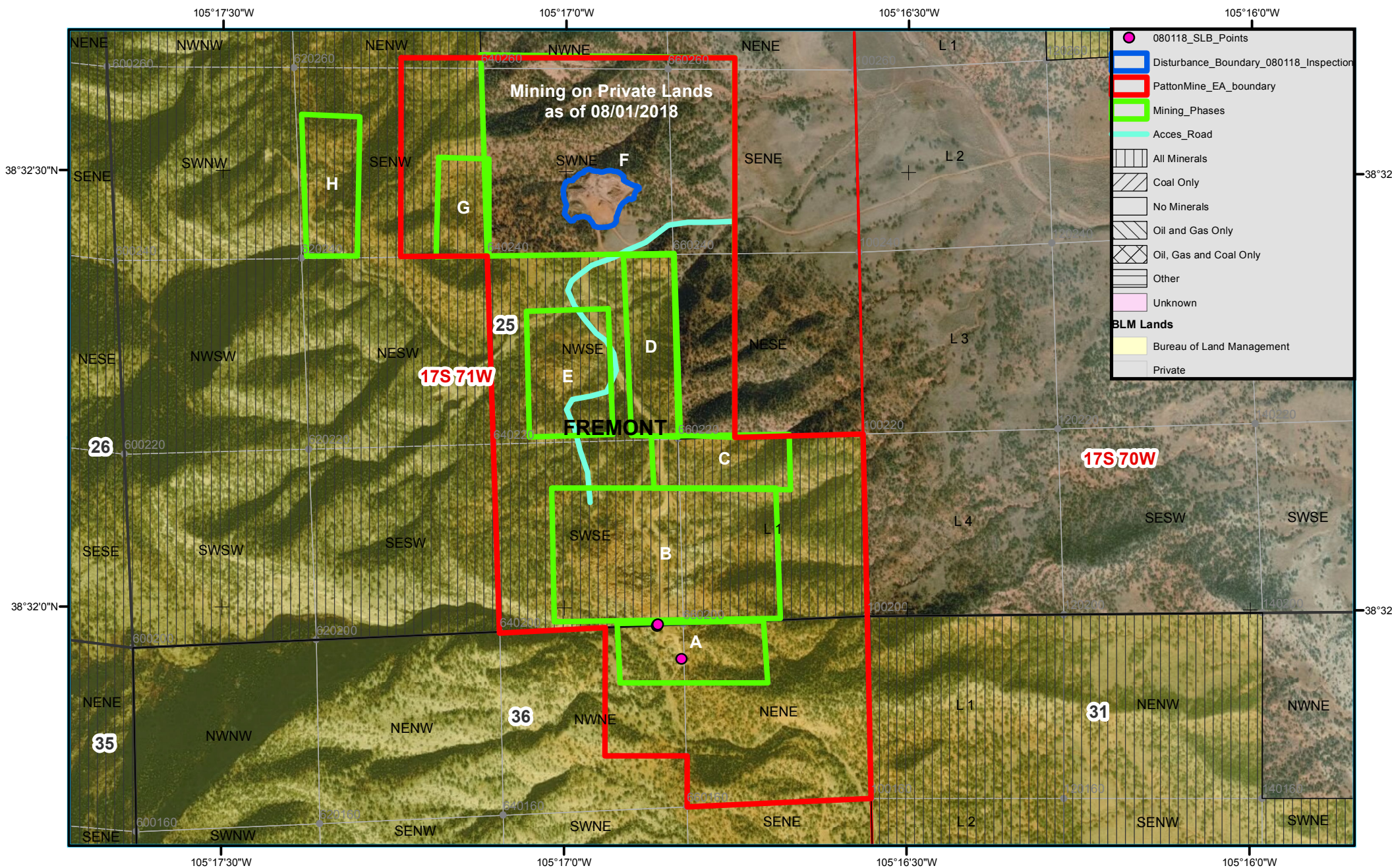
6 PM, T 17 S, R 71 W, Sec. 25 & 36



Updated 08/08/18  
2015 NAIP Imagery

**NOTE TO MAP USERS**  
No warrantee is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of the data layers shown on this map. The official land records of the data providers should be checked or current status on any specific tract of land. FOR INFORMATION PURPOSES ONLY





# Patton Mine (Shaw Park)

6 PM, T 17 S, R 71 W, Sec. 25 & 36

0 0.15 0.3 0.6 Miles



Updated 08/08/18  
2015 NAIP Imagery

**NOTE TO MAP USERS**  
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**Minerals 3600 Mine and Reclamation 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 noncompliant. Any non-compliance issues are reported in the Additional Actions Necessary section of this inspection.

**Operation Type:** ☒ Surface – continual ☐ Surface – intermittent ☐ Underground

<b>Date:</b> Aug 1, 2018 <b>Time:</b> 10:34 <b>Weather:</b> Sunny	<b>Operation Name:</b> Shaw Park <b>Case Number:</b> COC060215 <b>CDRMS #:</b> M1998067
<b>Attendees</b> <b>BLM:</b> Amber Sanderson  <b>Operator(s):</b> Mike Leidich and Mark Jesik  <b>Other(s):</b> State of Colorado: Tim Cazier and Phillip Courtney	<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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input 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>			
Hardrock Quarry, Pit, Other			
a. <b>Hardrock Quarry</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Operations Equipment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Processing Equipment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Blasting <input type="checkbox"/> Internal <input checked="" type="checkbox"/> External	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
• Interim Benches	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Final Benches	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Working Floor	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. <b>Pit</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
• Operations Equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Processing Equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Slopes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. <b>Other</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
• Operations Equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Processing Equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>2. Site Conditions</b>			
a. <b>Material/Waste Rock Management</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. <b>Erosion &amp; Stormwater Control</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. <b>Man-made Structures</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. <b>Weed Management</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. <b>Safety Hazards</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. <b>Interim Reclamation</b>	<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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Spills/Leaks Observed	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Berms	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Security	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Signage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Surface Water Controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>5. Quality Assurance/Quality Control</b>			
a. Routine Site Conditions Monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e. Other Agency/Entity Permits	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>7. Final Reclamation</b>			
a. Exploration/Sampling Location	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Access Roads/Trails	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Grading	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Revegetation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Removal of Structures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. Free of Trash	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>Additional Actions Necessary</b> Non-Compliance Issues to be addressed by Operator None
<b>Final Notes</b> General Comments: - Clay material is mined from a clay/conglomerate seam on private lands. No disturbance of BLM lands were observed.  - Disturbance footprint is similar to previous inspections.  - Operator predicts operations will progress onto BLM lands within the next 2 years, after private minerals have been exhausted. The operator will contact BLM for mineral materials contract.  - Disturbance footprint was recorded to determine the extent of surface disturbance relevant to the BLM/private boundary (see attached map).
Proprietary Information: None
Date inspection shared with CDRMS:
Date inspection shared with Operator: 08/08/2018

## Images

**Image 1:**



Comment: SE view of operations on top of bench

**Image 2:**



Comment: Berms along haul road

## Images

**Image 3:**



Comment: Active operations on private lands

## Images

**Image 4:**



Comment:  
Access Road into site

**Image 5:**



Comment:  
BLM land to south of private operations. Federal and state minerals are approximately in this area.

## Images

**Image 6:**



Comment: Signage upon entrance into site





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Imagery Date: 6/15/2016 38°32'28.15" N 105°16'55.90" W elev 0 ft eye alt 1397 ft