




**PERMIT INFORMATION**

<b>Permit Number:</b> C1981033 <b>Mine Name:</b> Bear Mine <b>Operator:</b> N/A <b>Operator Address:</b> N/A	<b>County:</b> Gunnison <b>Operation Type:</b> Underground <b>Permit Status:</b> Revoked <b>Ownership:</b> Private
	<b>Operator Representative Present:</b>  N/A
<b>Operator Representative Signature: (Field Issuance Only)</b>  	

**INSPECTION INFORMATION**

<b>Inspection Start Date:</b> December 13, 2023 <b>Inspection Start Time:</b> 15:00 <b>Inspection End Date:</b> <b>Inspection End Time:</b>	<b>Inspection Type:</b> Coal Complete Inspection <b>Inspection Reason:</b> Normal I&E Program <b>Weather:</b> Cloudy
<b>Joint Inspection Agency:</b>  None	<b>Joint Inspection Contacts:</b>
<b>Post Inspection Agency:</b>  None	<b>Post Inspection Contacts:</b>
<b>Inspector(s):</b>  Leigh Simmons	<b>Inspector's Signature:</b>  <b>Signature Date:</b>  December 21, 2023

**Inspection Topic Summary**

NOTE: Y=Inspected N=Not Inspected R=Comments Noted V=Violation Issued NA=Not Applicable

N - Air Resource Protection  
 N - Availability of Records  
 N - Backfill & Grading  
 N - Excess Spoil and Dev. Waste  
 N - Explosives  
 N - Fish & Wildlife  
 N - Hydrologic Balance  
 N - Gen. Compliance With Mine Plan  
 N - Other  
 N - Processing Waste

R - Roads  
 N - Reclamation Success  
 N - Revegetation  
 N - Subsidence  
 R - Slides and Other Damage  
 N - Support Facilities On-site  
 N - Signs and Markers  
 N - Support Facilities Not On-site  
 N - Special Categories Of Mining  
 N - Topsoil

**COMMENTS**

The Bear mine permit is revoked, the site has been reclaimed, and the required inspection frequency has been reduced to quarterly. The weather was overcast. Access to the site was hampered by snow. The site was inspected using a drone.

**ROADS – Rule 4.03**

Construction 4.03.1(3)/4.03.2(3), Drainage 4.03.1(4)/4.03.2(4), Surfacing and Maintenance 4.03.1(5) and (6)/4.03.2(5) and (6), Reclamation 4.03.1(7)/4.03.2(7):

The temporary road to the top of the bench was snow-covered. No attempt was made to drive up it. Work was done in November to prepare the road for winter through the addition and definition of rolled dips on the road surface, improved drainage in the roadside ditch and the installation and maintenance of silt fence on the downslope side.

**SLIDES and DAMAGE - Rule 4.12:**

The images below show clearly where the ground surface is warmer as a result of the underground fire. Snow was largely melted between the bench and the scarp below it; whereas above the bench and below the scarp the ground was mostly snow-covered (at least on north facing aspects). Numerous vents can be seen in the images, with green vegetation around the edges in contrast to the dormant vegetation on the surrounding slope.

**DOCUMENTS RECEIVED**

N/A

**OTHER (SPECIFY)**

N/A

**ENFORCEMENT ACTIONS/COMPLIANCE**

No enforcement actions were initiated as a result of this inspection, nor are any pending.

Number of Partial Inspection this Fiscal Year: 0

Number of Complete Inspections this Fiscal Year: 5

## **PHOTOGRAPHS**



*Figure 1: Lower road*

Number of Partial Inspection this Fiscal Year: 0

Number of Complete Inspections this Fiscal Year: 5





*Figure 2: First hairpin and access below scarpe*

Number of Partial Inspection this Fiscal Year: 0

Number of Complete Inspections this Fiscal Year: 5





*Figure 3: Scarpe*

Number of Partial Inspection this Fiscal Year: 0

Number of Complete Inspections this Fiscal Year: 5





*Figure 4: Upper road, with sediment control on downslope side*

Number of Partial Inspection this Fiscal Year: 0

Number of Complete Inspections this Fiscal Year: 5





*Figure 5: Road onto bench above scarpe*

Number of Partial Inspection this Fiscal Year: 0

Number of Complete Inspections this Fiscal Year: 5





*Figure 6: Scarpe*

Number of Partial Inspection this Fiscal Year: 0

Number of Complete Inspections this Fiscal Year: 5





*Figure 7: Vents below bench. Sediment control also visible*

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Figure 8: Vents (1 of 5)

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Number of Complete Inspections this Fiscal Year: 5





Figure 9: Vents (2 of 5)

Number of Partial Inspection this Fiscal Year: 0

Number of Complete Inspections this Fiscal Year: 5





Figure 10: Vents (3 of 5)

Number of Partial Inspection this Fiscal Year: 0

Number of Complete Inspections this Fiscal Year: 5





*Figure 11: Vents (4 of 5)*

Number of Partial Inspection this Fiscal Year: 0

Number of Complete Inspections this Fiscal Year: 5





Figure 12: Vents (5 of 5)

Number of Partial Inspection this Fiscal Year: 0

Number of Complete Inspections this Fiscal Year: 5





*Figure 13: Groundwater seep*

Number of Partial Inspection this Fiscal Year: 0

Number of Complete Inspections this Fiscal Year: 5