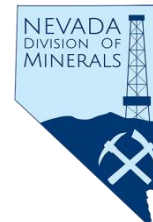




**JOE LOMBARDO**  
Governor

STATE OF NEVADA  
COMMISSION ON MINERAL RESOURCES  
**DIVISION OF MINERALS**

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**ROBERT GHIGLIERI**  
Administrator

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Phone: (702) 486-4343; Fax: (702) 486-4345

Thursday, February 20, 2025

1:00 P.M.

**MINUTES**

Commission	Staff	Public
Josh Nordquist	Robert Ghiglieri	Laurel Rogers
Art Henderson	Rebecca Tims	Mark Cryer
Stephanie Hallinan	Garrett Wake	Rich Perry
Randy Griffin via Teams	Lucia Patterson	George Baumgardner
Nigel Bain via Teams	Rick Kauffman	
Mary Korpi via Teams	Greg Ott, DAG	

**CALL TO ORDER**

1:00 PM by Josh Nordquist

**Roll Call**

All commissioners were present with the exception of Bob Felder.

**COMMENTS BY THE GENERAL PUBLIC**

None

**I. Agenda**

**A. Approval of the Agenda**

**Motion to approve the agenda made by: Mary Korpi**

**Seconded by: Stephanie Hallinan**

**Unanimously approved**

**II. Minutes**

**A. Approval of the meeting minutes from the November 7, 2024, meeting**

**Motion to approve the minutes made by: Mary Korpi**

**Seconded by: Stephanie Hallinan**

**Unanimously approved**

**III. New Business**

**A. Legislation Updates**

Administrator Ghiglieri provided the commission with updates for the current legislative session.

**B. AML Program Review**

Sean Derby provided updates on the AML program.

**Randy Griffin** recommended looking at Youtube for people who enter abandoned mines and prioritize those closures.

**Sean Derby** agreed.

**Josh Nordquist** asked if the performance data was correct.

**Sean Derby** responded that 26,080 hazards have been logged with a securing rate of 82%.

**Josh Nordquist** said to ensure we're staying above the 82% threshold.

**Robert Ghiglieri** noted that the rate was 79% when he started and over 12 years it's up to 82%. The average historic inventory is 673 and securing is 717, that more securings are done per year but some are also re-secured, such as when a site is fenced and then hard-closed. The percentage secured vs inventoried is a legislative budget mandate.

**Stephanie Hallinan** asked if the AML trifolds are being used at the Teacher workshops.

**Sean Derby** affirmed.

**C. Remote Sensing and Lidar Applicability to AML**

Rick Kauffman presented how remote sensing and lidar applies to AML.

**Robert Ghiglieri** stated that field work is one of the most expensive aspects of the AML program and that pre-planning and preparation efficiency is important. Lidar and potentially the use of AI can make the program more efficient.

**Rick Kauffman** said that the more proximal sites are gone, that the remaining sites are more difficult to locate and reach.

**Rick Kauffman** noted that an area previously believed to be cleared of AML inventory actually contained previously undiscovered sites using Lidar. In a year or two the technology may make things even easier.

**Robert Ghiglieri** replied that this area had been visited at least four other times.

**Josh Nordquist** asked about the update frequency of lidar data.

**Rick Kauffman** said that Nevada is in a QL 2 phase I the USGS 3DEP program, which will be QL 1, a more refined data set, by 2026. He also said there is new satellite data that is coming out from private companies down to centimeter instead of meter resolution.

**D. County Land Use Issues**

Lucia Patterson updated the commission regarding issues pertaining to County Land Use.

**E. Nevada State Museum Minerals and Mining Displays**

Josh Bonde gave an update on the mining displays at the Nevada State Museum.

**Arthur Henderson** asked how school groups are charged?

**Josh Bonde** responded that school groups are not charged and the department of tourism has a program where public school buses are reimbursed.

**Arthur Henderson** asked how they could bring in more students.

**Josh Bonde** related that the museum has an identity problem. He grew up in Fallon and remembers his 4<sup>th</sup> grade field trip to the museum. Some visitors return but others do not and they're working on that.

**Arthur Henderson** asked where we are in our budget, if it's the same as last meeting.

**Robert Ghiglieri** recommended we wait until Garrett speaks on the agency budget before making a decision on funding.

**Josh Nordquist:** Asked about a timeline and milestones.

**Laurel Rogers** replied that the mine adit can be done within 6 months. Other areas are dependent on when they receive video footage – one to two years.

**Robert Ghiglieri** asked if they had conversations with the mining association regarding this?

**Josh Bonde** said Nevada Gold Mines are doing interviews with people at the mine and hope they can use those. If the museum made the videos they would share with NvMA and others across the state.

**Robert Ghiglieri** mentioned that mining companies should have their own videos, especially relating to reclamation.

**Arthur Henderson** asked about the percentage of cost between the modern mining area and others.

**Laurel Rogers** said the projectors are the most expensive equipment at about \$3,300.00 each.

**Arthur Henderson** asked if they were readily available for order.

**Laurel Rogers** affirmed.

**Robert Ghiglieri** said they may need multiple projectors and asked if they would need a computer.

**Laurel Rogers** affirmed that they would need a computer and five to six projectors. She said the content is changeable so the equipment will last a long time. They also need to meet ADA compliance because the hallway is narrow, so projectors are a good fit for a display.

**George Baumgardner** added that the art museum has a historic ichthyosaurus exhibit similar to this proposal.

**Garrett Wake** added that the McCaw School of Mines has a system like this that was donated by the CMR.

**Mary Korpi** added that this project meets two of the biggest challenges this industry is facing: increasing workforce and the public perception of mining.

**Stephanie Hallinan** asked about marketing toward getting repeat visitors.

**Josh Bonde** related that they have resources for marketing including a statewide campaign, exhibits in Germany, and tourism offices in Germany and Australia that share resources. That they can market worldwide.

**Arthur Henderson** asked if Garrett would coordinate this.

**Garrett Wake** believes that the museum could handle the contract.

**Arthur Henderson** asked that the museum also build in oil and gas if the CMR funds the exhibit.

**Josh Bonde** said he would be happy to do that.

**Arthur Henderson** asked to consider “what comes out of a barrel of oil”.

**Garrett Wake** mentioned that the State has statewide contracts for video services and that the state could make videos if needed.

**Arthur Henderson** said it didn’t need to be elaborate.

#### **Discussion Tabled until item IV.A. was discussed**

**Josh Nordquist** asked about financial support from the industry.

**Josh Bonde** said there wasn’t any in place yet but he hoped the CMR could assist him.

**Mary Korpi** recommended talking to Amanda Hilton and the NvMA board.

**Nigel Bain** asked if we needed to make a commitment now or just voice support.

**Josh Bonde** said that Laurel and her team can have the stay out stay alive part done within six months. The more ambitious part will take at least a year to 18 months. The biggest expenditure will be the AV components.

**Nigel Bain** thinks the board is in support of this but may wait until the museum has other commitments to provide funding.

**Josh Bonde** agreed.

**Josh Nordquist** proposed to consider funding the stay out stay alive and modern mining portions because they align with the commission’s goals.

**Arthur Henderson** recommended we provide a portion of the funding consistent with the agency’s FY25 budget.

**Nigel Bain:** I support that.

**Arthur Henderson** recommended approving 50% now to help spur donations for the remainder.

**Motion to approve \$30,000 total for FY25 with the stipulation to seek active funding from the industry and to report back at a future meeting to update on costs and other possible funding: Arthur Henderson**

**Seconded By: Nigel Bain**

**Unanimously Approved**

**F. Request by the NvMA for financial support for the Nevada's Earth Science Teachers Workshops**

Garrett Wake presented a request for financial support for the Nevada Earth Science Teachers' Workshops.

**Arthur Henderson**: Do we have to commit to a long term, or can we do it year by year?

**Robert Ghiglieri**: We have always done it biennially. We don't have to.

**Arthur Henderson**: What would you recommend?

**Robert Ghiglieri** said that the workshops are growing and are a great resource. He can't see us wanting to slow down.

**Arthur Henderson**: The next time maybe we want to consider it for longer.

**Josh Nordquist**: It's pretty low maintenance cycle.

**Arthur Henderson**: It's low maintenance and low cost and it does keep its name in front of us every two years.

**Motion to approve this request: Arthur Henderson**

**Seconded By: Nigel Bain**

**Unanimously Approved**

**IV. Old Business**

**A. NDOM Budget and Contract Recap**

Garrett Wake provided the commission with an update on the Division of Mineral's budgets and contracts.

**Arthur Henderson**: What other projects are on the horizon that you may bring to us?

**Robert Ghiglieri** related continuing sample curation, MI report, and other NBMG contracts but needs to talk to Simon Jowitt more.

**Arthur Henderson**: That's already in our budget, right?

**Robert Ghiglieri** affirmed.

**Arthur Henderson**: I'm talking about things that are not already in our budget.

**Garrett Wake**: This is everything we have on our radar for this fiscal year, which ends in 4 months.

**Robert Ghiglieri** said we've continued the bond pool database and started the fluids database.

**Arthur Henderson**: The only project you plan on bringing to us that is not in the budget is the museum exhibit?

**Garrett Wake** affirmed. He stated that the agency also budgeted \$80,000 for the last exhibit but only used \$66,000. The remaining authority could be used for this.

**Josh Bonde** related the intent of the extra money was to add a hands-on mineral activity for the discovery lab, but that hasn't materialized yet.

**Garrett Wake**: We do have that funding available.

**Robert Ghiglieri** related that many of these are internal Division projects the CMR approved about a year ago that we are still working through.

**Josh Nordquist**: On the AML brochures, mini coloring book item here, is this something that will get done this year?

**Robert Ghiglieri**: I think we will have to do a work program to balance it into the next Fiscal year. We do still want to pursue upgrading those.

**B. Administrator Report**

Administrator Ghiglieri provided his administrative report to the commission.

**V. Commission Business**

- A. Correspondence to the Commission
- B. Review of Staff Monthly Activity Reports
- C. Future Agenda Items

**COMMENTS BY THE GENERAL PUBLIC**

**Josh Nordquist** acknowledged Richard Perry, previous Division of Minerals Administrator.

**Richard Perry**: I wanted to stop by to see how things were going and they are better than when I left five years ago, that's a good feeling. On the modern mining exhibit Mr. Bonde spoke on, we visited this with our children and they went into mining and engineering. I agree that the space needs to be upgraded and I'd like to be the first to donate \$10,000 to this.

**ADJOURNMENT**

3:53 PM

**NOTICE TO PERSONS WITH DISABILITIES**

Members of the public who are disabled and require special accommodations or assistance at the meeting are requested to notify the Division of Minerals, 400 W. King Street, Suite 106, Carson City, NV 89703 or contact Rebecca Tims at (775) 684-7043 or by email at [rtims@minerals.nv.gov](mailto:rtims@minerals.nv.gov).