I. AGENDA



STATE OF NEVADA COMMISSION ON MINERAL RESOURCES

DIVISION OF MINERALS

400 W. King Street, Suite 106 Carson City, Nevada 89703 (775) 684-7040 • Fax (775) 684-7052 http://minerals.nv.gov/



Las Vegas Office: 375 E. Warm Springs Rd. #205, Las Vegas, NV 89119 Phone: (702) 486-4343; Fax: (702) 486-4345

COMMISSION ON MINERAL RESOURCES

Nevada Division of Minerals

Meeting Location: Capital Building-Guinn Room 101 North Carson Street Carson City, NV

Microsoft Teams Need help? Join the meeting now Meeting ID: 247 094 178 890 Passcode: kj3yQ9Lt Dial in by phone +1 775-321-6111,,979134053#United States, Reno Find a local number Phone conference ID: 979 134 053#

Thursday February 20, 2025 at 1:00 P.M.

AGENDA

CALL TO ORDER

The agenda for this meeting of the Commission on Mineral Resources has been properly posted for this date and time in accordance with the relevant Nevada Revised Statutes ("N.R.S.") and Nevada Administrative Code ("N.A.C.") requirements.

ROLL CALL

PLEDGE OF ALLEGIANCE

COMMENTS BY THE GENERAL PUBLIC

Pursuant to N.R.S. Chapter 241, this time is devoted to comments by the public, if any, and discussion of those comments. No action may be taken upon a matter raised under this item on the agenda until the matter itself has been specifically included on a successive agenda and identified as an item for possible action. Public comments may be limited to 5 minutes for each person. **ACTION WILL NOT BE TAKEN**

I. AGENDA

A. Approval of the Agenda

FOR POSSIBLE ACTION

Commission on Mineral Resources

Stephanie Hallinan; Large-Scale Mining Art Henderson; Oil and Gas Josh Nordquist, Chairman; Geothermal Resources Mary Korpi; Public at Large

Page 2 of 2

II. MINUTES

A. Approval of the November 7, 2024 meeting minutes

FOR POSSIBLE ACTION

III. NEW BUSINESS

A. <u>Legislation Updates</u> <u>FOR DISCUSSION ONLY</u>

- Rob Ghiglieri

B. AML Program Review FOR DISCUSSION ONLY

- Sean Derby

C. Remote Sensing and Lidar Applicability to AML FOR DISCUSSION ONLY

- Rick Kaufman

D. <u>County Land Use Issues</u> FOR DISCUSSION ONLY

- Lucia Patterson

E. Nevada State Museum Minerals and Mining Displays FOR POSSIBLE ACTION

- Josh Bonde

F. Request by the NvMA for Financial Support for the Nevada's Earth

Science Teachers Workshops FOR POSSIBLE ACTION

- Garrett Wake

IV. OLD BUSINESS

A. NDOM Budget and Contract Recap FOR DISCUSSION ONLY

- Garrett Wake

B. Administrator Report FOR DISCUSSION ONLY

- Rob Ghiglieri

V. COMMISSION BUSINESS

A.	Correspondence to the Commission	FOR DISCUSSION ONLY
B.	Review of staff monthly activity reports	FOR DISCUSSION ONLY
	Future Agenda Items	FOR DISCUSSION ONLY

COMMENTS BY THE GENERAL PUBLIC

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ACTION WILL NOT BE TAKEN

ADJOURNMENT

NOTICE TO PERSONS WITH DISABILITIES

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II. Minutes



STATE OF NEVADA COMMISSION ON MINERAL RESOURCES

DIVISION OF MINERALS

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Las Vegas Office: 375 E. Warm Springs Rd. #205, Las Vegas, NV 89119 Phone: (702) 486-4343; Fax: (702) 486-4345

Thursday, November 7, 2024

1:00 P.M.

MINUTES

Commission	Staff	Public
Josh Nordquist	Robert Ghiglieri	Dave Stoddard
Art Henderson via Teams	Rebecca Tims	Paige Barnes
Bob Felder	Nicole Ting, DAG via Zoom	Keibi Majia
Randy Griffin via Teams	Garrett Wake	Samantha Swing
Nigel Bain	Sean Derby	Jake Rivera
Mary Korpi	Lucia Patterson	Alex Tancheck
Stephanie Hallinan	Dustin Holcomb	Caleb Cage
	Deborah Selig	Dick Bartholet

CALL TO ORDER

1:00 PM by Josh Nordquist

Roll Call

All commissioners were present.

COMMENTS BY THE GENERAL PUBLIC

None

I. Agenda

A. Approval of the Agenda

Motion to approve the agenda made by: Mary Korpi

<u>Seconded by:</u> Nigel Bain <u>Unanimously approved</u>

II. Minutes

A. Approval of the meeting minutes from the August 1, 2024, meeting

Motion to approve the minutes made by: Stephanie Hallinan

<u>Seconded by:</u> Bob Felder <u>Unanimously approved</u>

III. New Business

Nigel Bain; Large-Scale Mining Robert Felder; Exploration and Development Randy Griffin; Small-Scale Mining and Prospecting **Commission on Mineral Resources**

Stephanie Hallinan; Large-Scale Mining Art Henderson; Oil and Gas Mary Korpi; Public at Large

Josh Nordquist, Chairman; Geothermal Resources

A. University of Nevada Tech Hub Review

Dick Bartholet presented to the commission regarding the University of Nevada Tech Hub Review.

Nigel Bain: Do we have any other (lithium) producing mines?

Rob Ghiglieri: No one is producing at the moment, just Albemarle. But once Lithium Americas gets online with phase 1 it's going to be up to 40,000 tons a year.

Simon Jowitt: Phase 1 is 40,000 tons lithium carbonate equivalent up to 80,000 tons.

Dick Bartholet: They are projecting the end of 2027.

<u>Nigel Bain</u>: I went to the Lithium summit, and I was surprised at the number of positive comments from each of the individual companies. Comments about all the employee training that they were getting from UNR and the state.

<u>Dick Bartholet</u>: We have 9 different entities that we have subawards with that are doing different levels of training. Part of the challenge is, if you look at Lithium Americas, they are starting to pour the foundation for the processing facilities. Most of the employees are going to be in the processing facility rather than in digging up the sediment. But they won't be ready to put those employees online until they have the facility built, so we are trying to anticipate what those needs are going to be and what kind of training can be provided right now. For the mining, I know Great Basin College is doing significant training and they have a new entity that they are working with out of Canada that is using virtual reality to train people how to work on some of the large equipment. Some exciting things are going on, but it will be everything from entry-level employees up through, in terms of EDA money, people working in the plants that have different certifications. For the engineers and scientists, they need, we didn't actually allocate dollars for that. It's occurring through the universities, but the head count for those positions is much smaller.

<u>Nigel Bain</u>: We toured Redwood facilities this morning and it was interesting to see the lock out tag out procedures, and the graphical interfaces showing where they were at that day, could be something the mining industry could adopt.

<u>Dick Bartholet</u>: They are very advanced. Many of the process engineers are being recruited out of the oil industry.

B. Nevada Battery Collation

Caleb Cage did a presentation on the Nevada Battery Coalition.

Rob Ghiglieri: I have a question about the membership. Do you have more members outside of Lithium Americas and Comstock for mining companies?

<u>Caleb Cage</u>: Yes, Lithium Americas, of course. Ioneer is a member, which just got their record of decision two weeks ago now. Albemarle is a member. We have American Lithium and Tonopah Lithium Corporation. American Battery Technology Company is a member, they of course are a recycler with mining interests as well. We are working with a number of other mining operations that are interested in joining, and I shouldn't mention their names until they are officially members. I'm sure I'm leaving one or two out.

C. <u>Fluid Minerals Program Review</u> (Why was none of the personnel conversation included?) Dustin Holcomb updated the commission on the Fluid Minerals Program.

D. 2024 AML Summer Internship Review

Sean Derby presented an update to the commission on the 2024 AML summer Intern program.

Stephanie Hallinan: Out of the 181 revisits how many require more attention and revisits?

Rob Ghiglieri: It varies from year to year. Last year we had over 600 revisits, many to verify the status of a hazard for a hard closure project before sending out contracted wildlife or cultural survey teams. We would ideally re-visit every site every 5 years, but we would not be able to accomplish that, and we would not be able to inventory anything else.

<u>Sean Derby</u>: We could probably get that statistic. If a hazard is older than 5 years, it's going to need a re-visit and repair. As we adjust for next year, to make that logging versus the others match out, that's what we are taking into consideration.

<u>Stephanie Hallinan</u>: I was just curious if out in the middle of nowhere, folks tamper with things. How much of this is just continuously the same efforts over and over?

Rob Ghiglieri: We have had a good relationship with the department of Wildlife. When we do wildlife closures and those are vandalized more than two times, we will permanently close it with a backfill. Also, the habitat is being disrupted if those are being vandalized. Fencing really depends on the location. I have been to sites that were fenced weeks before being vandalized and I've been to sites that were fenced 20 years before and still had the sign on them.

<u>Sean Derby</u>: We had 10 hard closures in the calendar year so far completed, and there are for more to be done. So that is 14 hard closures this year and that is twice as much as we normally do. Part of that has been an increase in grant money and it's also been a willingness in Forest Service and Park Service to work with us, but we are not going to keep this pace. But we have found that including the interns and these projects, in terms of vetting, going to these sites and making sure everything is ready and helps our contractors come up with better numbers. Part of the focus for next summer is going and vetting sites and getting an idea of what state they are in and ground treating and things of that nature.

<u>Bob Felder</u>: Last year you proposed funding for sampling and geochemistry, which we didn't support at the time. I thought I recall that you said that might try to do historical samples for potential funding and analysis later. Were you able to get any of that done this year?

Sean Derby: We did that with certain areas, where it was merited. Mina was one of them. But we didn't want to jump into that in a big way without your approval.

Rob Ghiglieri: One more thing on the interns, we had one intern stay on payroll in Las Vegas and he has been helping Debbie and Carol. He has been a very big help for the Las Vegas office but we can only keep him on for six months as an intern. We look forward to continuing to have him help again after he comes back on as a winter intern.

<u>Stephanie Hallinan</u>: Excellent job on the safety aspect. That is a key thing in our industry for all of our areas. <u>Josh Nordquist</u>: The beginning of the summer, did we have certain goals as far as securing's and loggings? <u>Sean Derby</u>: My only goal was to increase loggings. It was my hope that our contractors would have everything secured. We have had so many hard closure programs to feather in things and it was my goal to have everything they discovered secured in a calendar year. But the real focus was to see what would happen if we changed our ranking system targeting to see how many loggings we could really increase by.

IV. Old Business

A. Great Basin College, Mining Center for Excellence Update

Jake Rivera and Dave Stoddard provided an update on Great Basin College, Mining Center for Excellence.

<u>Mary Korpi</u>: I lived in Elko for about 30 years working for a mining company, and I just want to comment on a couple of things that you said. That advisory board is so important. It is important to make sure that you have got the input from the industry on the design. The need for trained professionals on entry level all the way through the industry, that need is not decreasing, if anything, its only escalating. Getting those people interested in the industry and pursuing those degrees is critical.

Josh Nordquist: We would like to have another update in six months.

<u>Jake Rivera</u>: That would be perfect. Thank you.

B. NDOM Budget Recap

Garrett Wake provided the commission with NDOM's current budget.

C. NBMG and CREG Update

Jim Faulds and Simon Jowitt presented an update on the NBMG and CREG.

Bob Felder: Did you say that Ioneer was donating 183 boxes of core?

Jim Faulds: Yes, 3,400 feet of core.

<u>Bob Felder</u>: With your space limitations, don't you want representative sampling rather than that much stuff? <u>Jim Faulds</u>: We decided since we have so little cuttings or core, because it's not required for anything associated with Lithium, that we would take all of those. It provides a nice record through time being that deep of a hole for Clayton Valley.

Bob Felder: It's one deep hole?

<u>Jim Faulds</u>: Yes, one deep hole. We thought it was important to make an exception in that case. It's already being requested for research associated with lithium resources.

Bob Felder: With funding sources not liking new construction, are you looking at trying to gather that money and rent new space?

Jim Faulds: We have no funds to rent new space. We did propose through the national geological and geophysical database preservation program, purchasing additional containers for storage at Stead. But they did not like the cost for the containers. I think that was part of our proposal a couple of years ago for the equipment match and the commission and the Division of Minerals came through, we got the match part from you folks, but we only got about half of our equipment proposal funded and they pretty much told us not to come back and request shipping containers. We have one of our senators now extremely interested in this and we have a lobbying firm that is trying to find a solution to getting funding to expand that building. This is FY26 that we are requesting, so it is a couple of years down the road.

D. <u>Nevada Reclamation Award Video Update (Should include any conversations since it was an action item)</u> Garrett Wake updated the commission on the Nevada Reclamation Award Video.

Motion to approve an annual Reclamation Award Video Funding at \$20,000.00: Bob Felder

Seconded By: Mary Korpi Unanimously approved

E. Administrator Report

Rob Ghiglieri provided the commission with Administrator updates.

F. Appreciation of Deborah Selig

Rob Ghiglieri took this time to show appreciation to Deborah Selig for her 30+ years of service with the Division of Minerals.

V. Commission Business

- A. Schedule Calendar Year 2025 Commission Meetings
 - Tentative Dates of:
 - o February 20, 2025
 - o May 29, 2025
 - o August 14, 2025
 - o November 6, 2025
- **B.** Correspondence to the Commission
- C. Review of Staff Monthly Activity Reports

Page **5** of **5**

D. Future Agenda Items

COMMENTS BY THE GENERAL PUBLIC

None

ADJOURNMENT

3:58 pm

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III. NEW BUSINESS

A.





Nevada's 83rd Legislative Session Update

February 20th Commission on Mineral Resources
Quarterly Meeting
Guinn Room, Capital Building
Carson City, NV
Rob Ghiglieri
Administrator, Division of Minerals



Focus





Governor

Long Term Raised for Teachers

Splitting Health Care Department

Crime

Housing and Economic Priorities

Votes on Election Day



Natural Resource

At least 10 bills related to water



Mining

AB 40

BDR 616



Bills Pertaining to NDOM



- SB88* 2023 Session
- IMCC BDR
- BDR 616
- SB 78
- AB 40
- AB 109



Commision on Mineral Resources

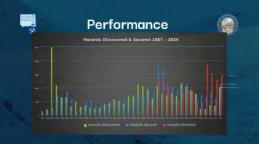


Abandoned Mine Lands Program Review

Sean Derby, AML Cheif CMR 2/20/2025



The Division of Minerals is legislatively mandated to conduct the State's AML program to identify inactive mines, rank their degree of hazard, and carry out activities to secure these sites, be it through owners or Division staff. The Division also conducts an extensive public awareness and education campaign focused on the dangers in and around abandoned mines.











- 4. Improve methods to discover undocumenced sites
- 5. Continue AML public outreach through digital plaform





Expand safeguarding contracts coverage of intern inventory work
 Extend seasonal staff field work

3. Expand onsite drone use and reconnisance of select areas

DISCOVERY METHODS

1. Enhanced LIDAR dataset hazard identification

2. Annual targetting script adjustement

Focus on low inventory, low data districts



AML PUBLIC OUTREACH

1. Continue annual digital marketing efforts

2. New content generation

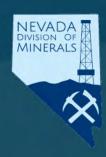
3. Schedule quarterly local public AML specific out reach to primary schools





Mission Statement

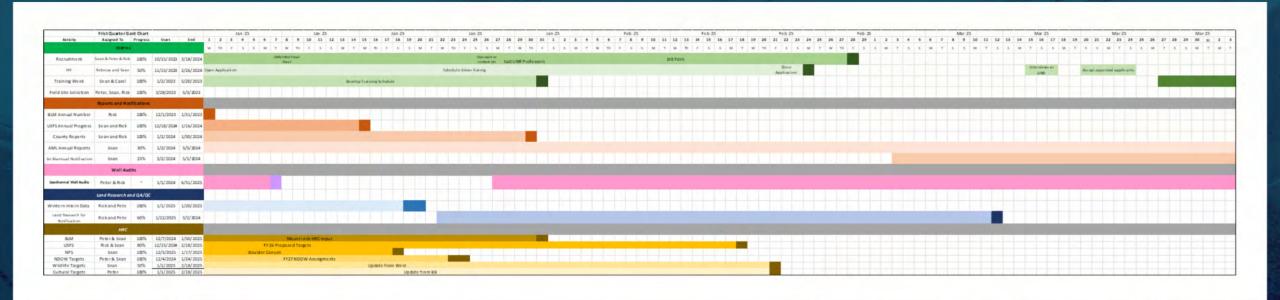
The Division of Minerals is legislatively mandated to conduct the State's AML program to identify inactive mines, rank their degree of hazard, and carry out activities to secure these sites, be it through owners or Division staff. The Division also conducts an extensive public awareness and education campaign focused on the dangers in and around abandoned mines.



Annual Work Flow



FIELD WORK - REPORTING - DATA - HRC

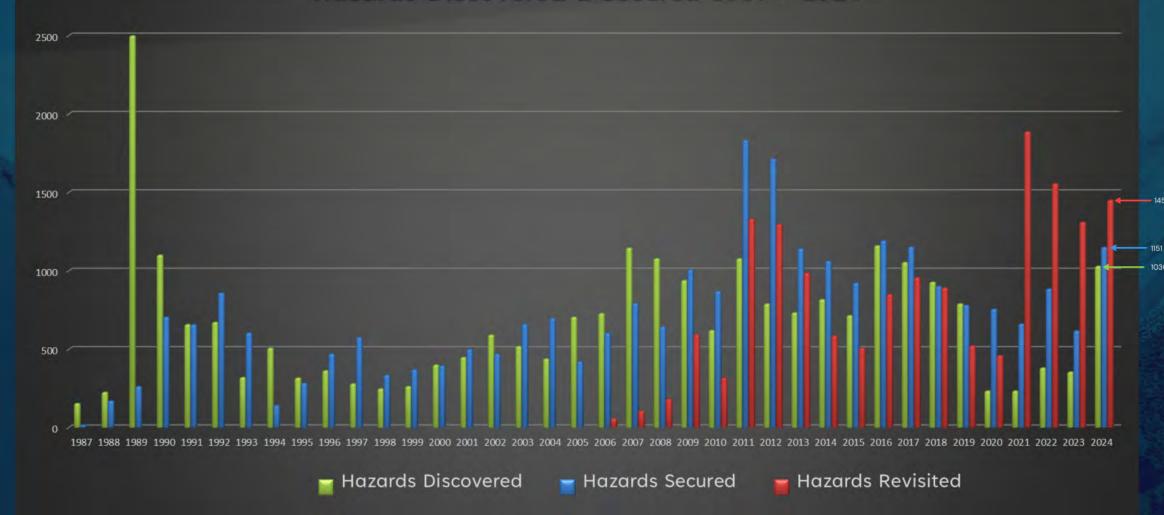




Performance



Hazards Discovered & Secured 1987 - 2024





Mandated Goals



NRS, NAC, SAM

NRS and NAC

- 1) Inventory and rank dangerous conditions that result from mining practices that took place at a mine that is no longer operating; and identify and notify the owner or other person responsible for the condition, if feasible.
- 2) Secure hazardous conditions on open public lands where no claimant or property owner could be identified.
- 3) Develop a public awareness campaign to educate the public about dangerous conditions that exist as a result of historic mining activities.

SAM

- 1. Mantain 70% Inventoried to Secured Rate
- 2. Conduct 25 Public Outreach Visits

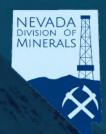
13. Appendix A Novals Abside river (Art Conf.) private in the ASI. Program Order of the Conf. of the Conf.



AML Program Goals



- 1. Maintain safety record & imporve field safety training and retention for interns and AML staff
- 2. Maintain 80% Invetory v. Securing
- 3. Exceed or maintain historical averages for Inventory (673), Securings (717), Revisits (834)
- 4. Improve methods to discover undocumented sites
- 5. Continue AML public outreach through digital plaform







Intern and Staff Safety

- 1. Safety training week
- 2. Infield safety drills and audits
- 3. Postseason professional development
- 4. Collaboration with AML association of States, federal partners, and local search and rescue



DISCOVERY METHODS



- 1. Enhanced LIDAR dataset hazard identification
- 2. Annual targetting script adjustement
- 3. Focus on low inventory, low data districts







- 1. Expand safeguarding contracts coverage of intern inventory work
- 2. Extend seasonal staff field work
- 3. Expand onsite drone use and reconnisance of select areas

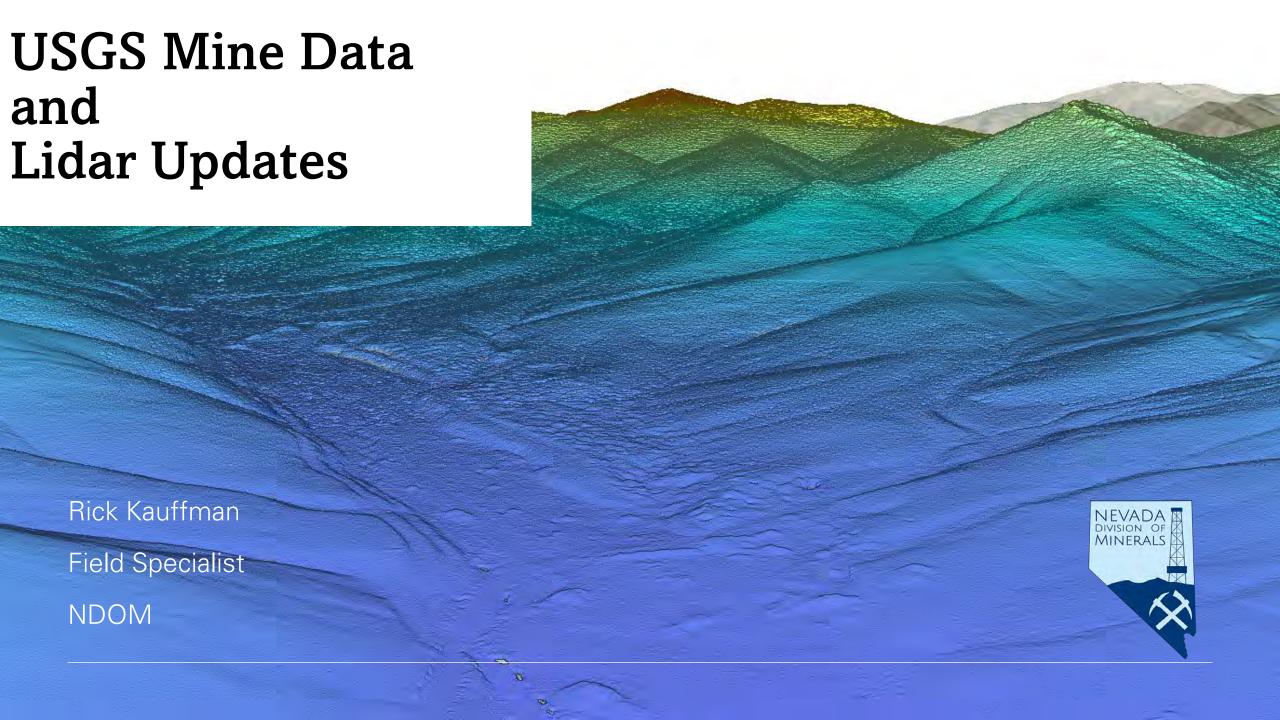


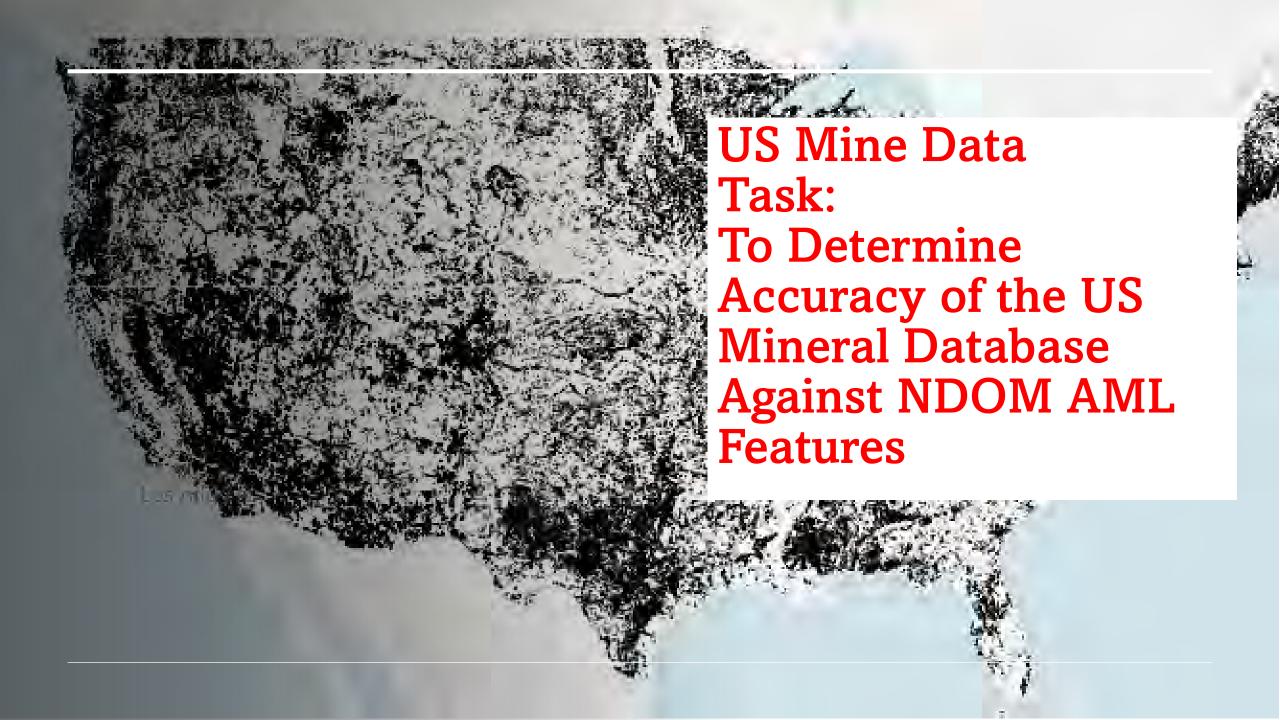


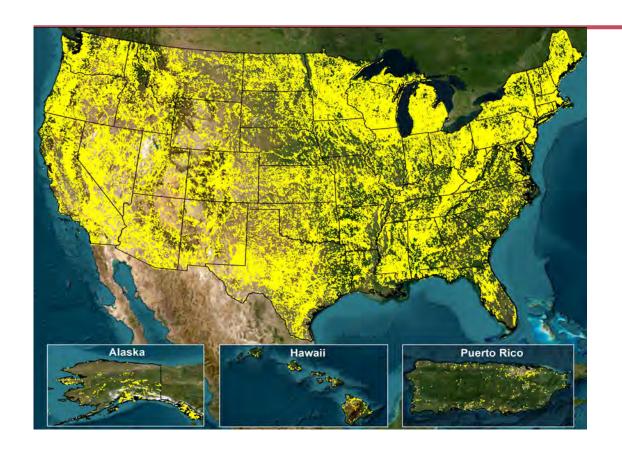


- 1. Continue annual digital marketing efforts
- 2. New content generation
- 3. Schedule quarterly local public AML specific out reach to primary schools

C.

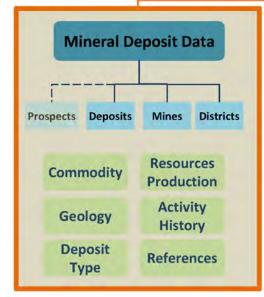






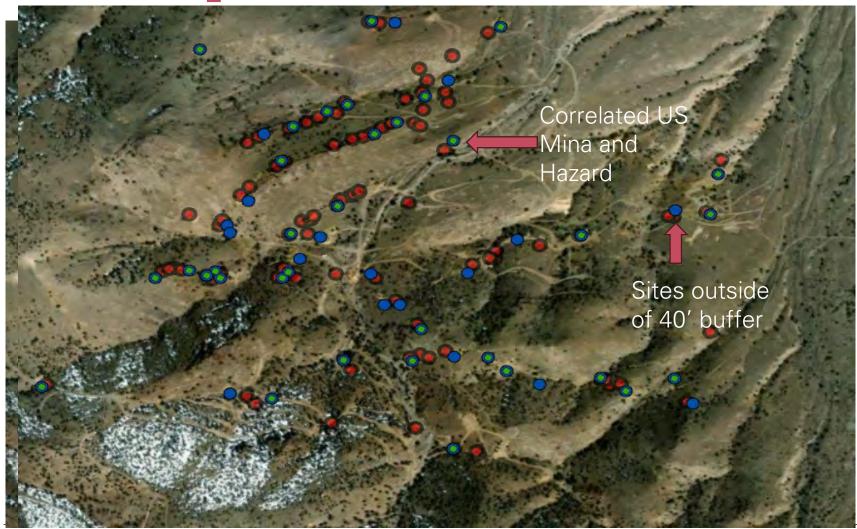
USGS Mineral Dataset (USMIN)

USMIN Mineral Deposit Datab





Techniques Used



Findings:

NDOM has logged 25,949 hazards 11,022 are correlated with the US Min data*

NDOM has logged 42% more hazards than the US Min data suggests*

NDOM has logged 133,427 non-hazards 50,968 are correlated with US Min data*

NDOM has logged 38% more non-hazards than the US Min data Suggests

In total the study has found that the US Min data underestimates AML sites by about 40% or a 3:1 ratio

^{*}Data was based off 11/2024 AML numbers

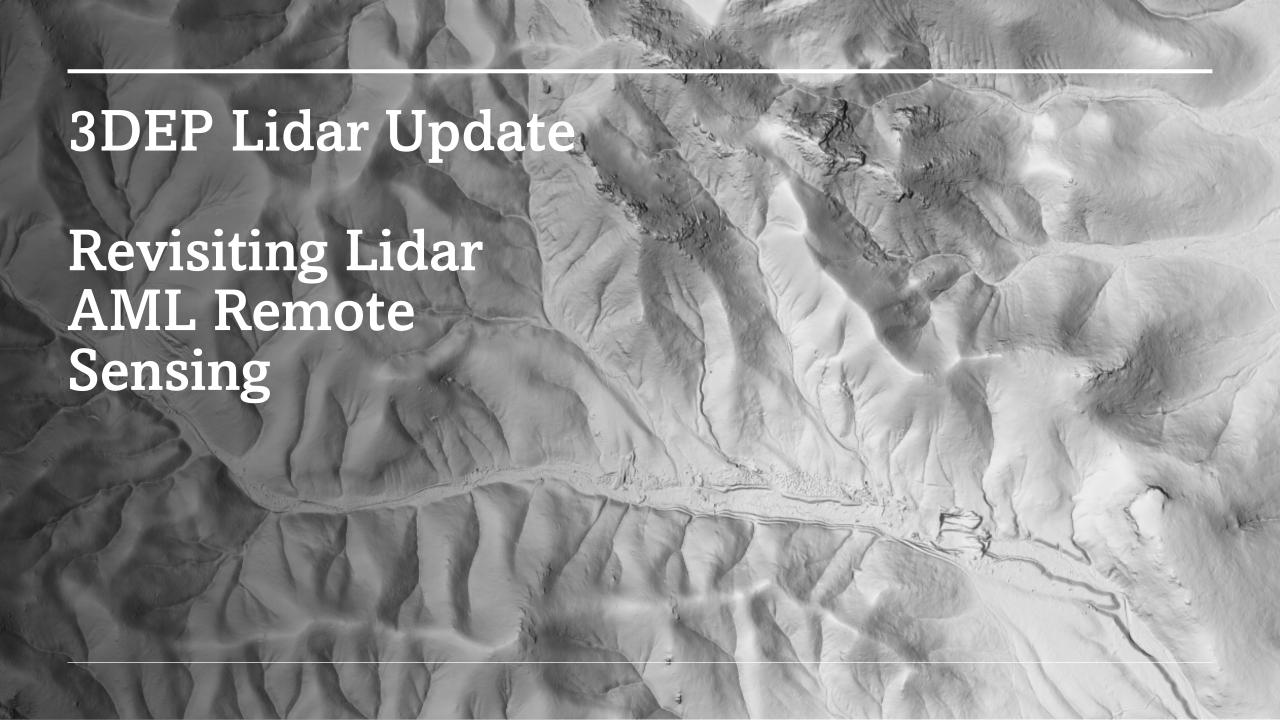
Findings:

The Study was used in a USGS summary report along with California, Wyoming and Virginia.

The analysis techniques used became a template for other hard rock AML states to conduct similar surveys.

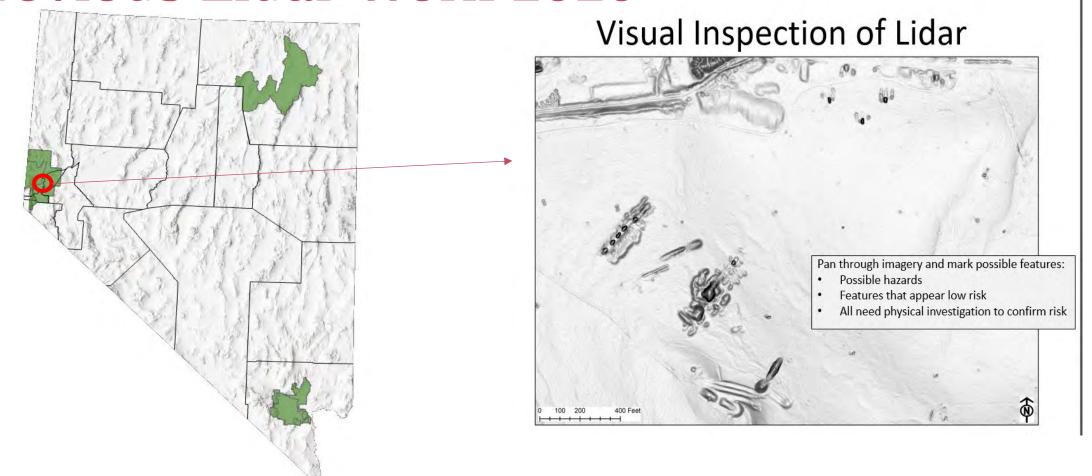
The study also opened the door to assist Arizonia and New Mexico to set up a inventory program of their own

The Study also helped explain the extent of unknown AML hazards that will be presented in the Hard Rock AML Report



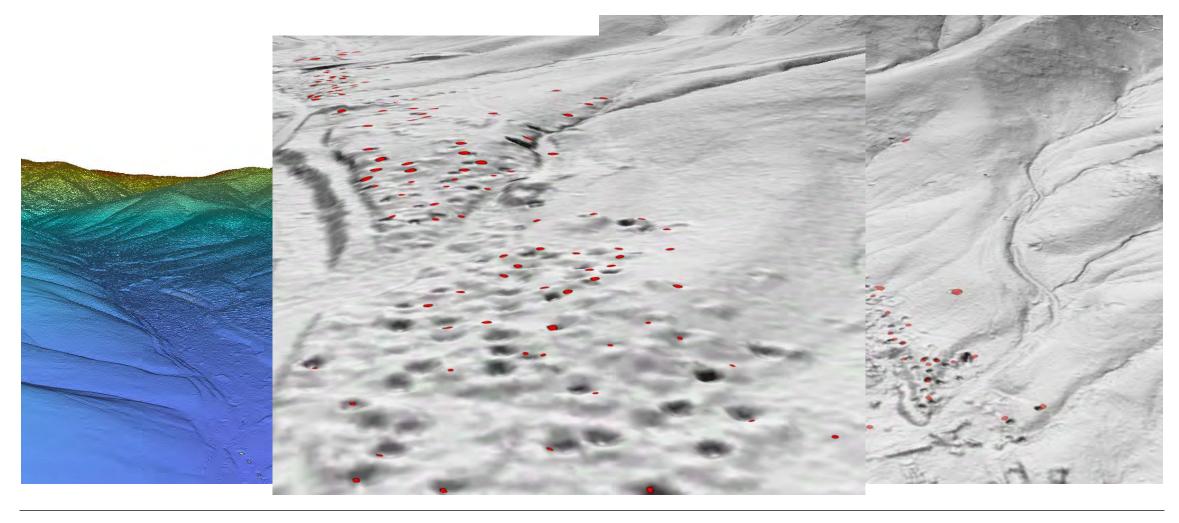
Previous Lidar Work 2020

Area highlighted is the Virgina City Highlands



Current Lidar Area of focus American Canyon

Current Lidar Work



Moving Forward with Lidar Deep Learning

and AI

Expected results

Areas that correlate with known AML

→1st run training data



Rick Kauffman
Field Specialist
Nevada Division of Minerals
rkauffman@minerals.nv.gov

D.



County Land Use Issues

Lucia Patterson

February 2025 Commission on Mineral Resources Meeting

Discussion Points

- Drilling Moratoriums-Withdrawals
- RS 2477 Routes
- Special Use Permits
- Zoning Restrictions
- County Business Licenses
- NCA's



Pahrump Office Nye County Government Center 2100 E. Walt Williams Drive Suite 100 Pahrump, NV 89048 Phone (775) 751-7075 Fax (775) 751-7093



Tonopah Office Nye County Courthous William P. Beko Justice Facility PO Box 153 Tonopah, NV 89045 Phone (775) 482-819 Fax (775) 482-819

January 3, 2024

16 DP4F 61DE DS6F 871D P8PF

Nye County, Nevada

Mr. Jon Raby Nevada State Director Bureau of Land Managemen BLM Nevada State Office 1340 Financial Blvd. Reno. Nevada 89502

Subject: Mining operations along the boundary of Ash Meadows National Wildlife Refuge (Refuge) and the Ash Meadows Area of Critical Environmental Concern (ACEC)

Dear Director Raby

The Nye County Board of County Commissioners (Board) wishes to express their opposition to exploratory drilling and mining operations near the Ash Meadows National Wildlife Refuge and the Ash Meadows ACEC. This area is a refuge consisting of a network of natural springs fed by the Amargosa River. These springs are an oasis in one of the hottest, driest places on earth. This habitat area is home to more than 25 rare plants and animal species that exist nowhere else on the plants, some of which are protected under the Endangered Species Act as threatened or endaneered.



Drilling Moratoriums & Withdrawals

- Growing industrial development in Nye County is facing pushback after public opposition to projects residents fear may harm the county's limited water resources.
- Last week, the Nye County Board of Commissioners voted unanimously to approve letters opposing mining activities near the Ash Meadows National Wildlife Refuge and solar developments within one of the most over-appropriated basins in the state.

RS 2477 Routes

Authorized under the 1866 Mining Act

Authorized the construction of roads across federal lands public lands

No recordation requirements for ROW's

1976 FLPMA revoked the use of RS 2477 routes

Title can be granted to counties through Quiet Title (lawsuit establishing ownership of a property)

Must demonstrate pre-1976 actual knowledge, 5 years of continuous use and construction evidence





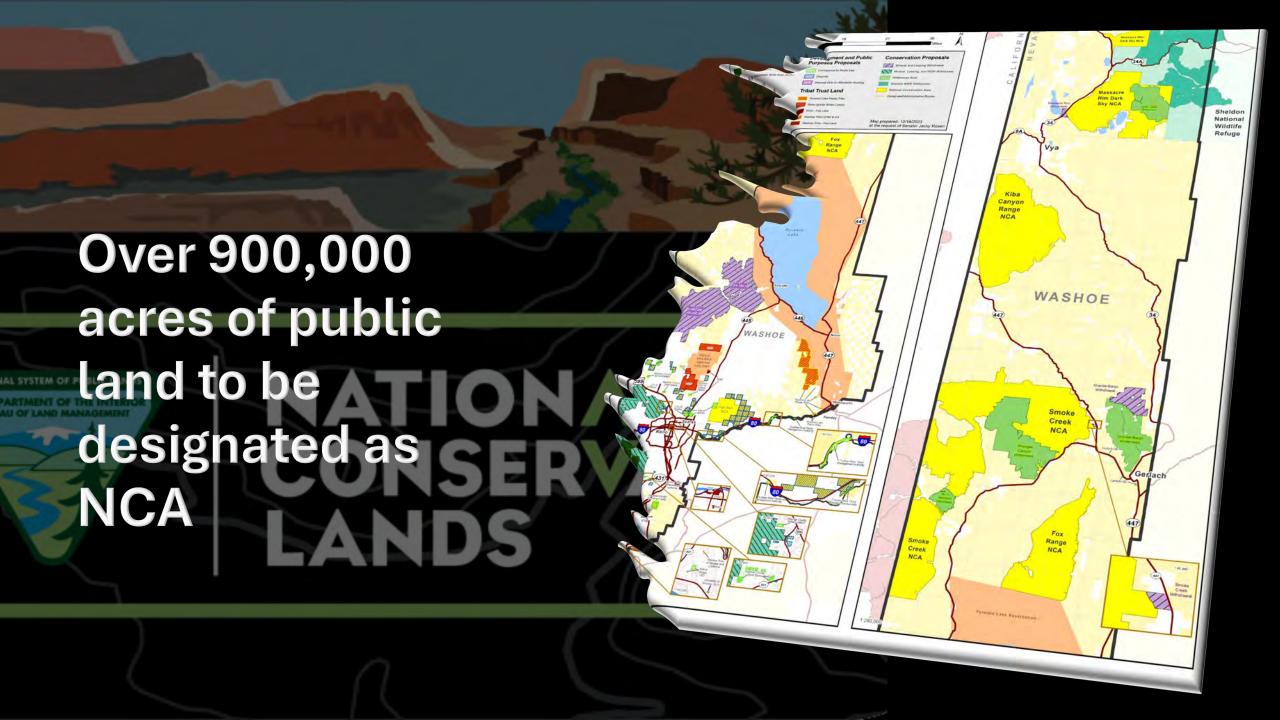
Zoning Restrictions

- Ventura County vs. Gulf Oil Corporation
- Absent consent or cession a State, undoubtedly retains jurisdiction over federal lands within its territory, but Congress equally surely retains the power to enact legislation respecting those lands pursuant to the Property Clause. <u>And when</u> <u>Congress so acts, the federal legislation</u> <u>necessarily overrides conflicting state laws under</u> <u>the Supremacy Clause</u>.
- Camfield v. United States, 167 U.S. (518), at 526 (17 S.Ct. 864 at 867, 42 L.Ed. 260) in response to a somewhat different claim: 'A different rule would place the public domain of the United States completely at the mercy of state legislation.

County Business Licenses

- Requirement to obtain a license if business is being conducted in the county
- Washoe only if located in or conducting certain activities none which include exploration/drilling
- Humboldt County Humboldt County Code, Chapter 5.04 provides that any firm or individual conducting or transacting business in Humboldt County must obtain a county business license.
- Elko County At the present time, Elko County does not have a
 business license program. You do however need to register your
 business with a fictitious business name through our clerk's office
 whether doing business in unincorporated Elko County of one of our
 four cities. Cities have business license programs.
- Lyon County Any person, partnership, association, firm, or corporation engaging in any trade, calling, service, profession, or business venture is required to obtain a license or permit as set forth by Lyon County Code, whether they have offices located in Lyon County.







Modern Mining Upgrade Project

Joshua Bonde Ph.D.

Museum Director

Nevada State Museum



Geology and Mining Upgrades

Phase 1 Kiosk: Plate Tectonics and Minerals with Nevada Focus



Status: Complete

Opening: Tonight!

Join us at 5:30 for cocktails and refreshments and a ribbon cutting

Geology and Mining Upgrades

- Phase 2 Modern Mining
- The current mine exhibit is universally beloved
 - Completed and opened to the public in 1956
 - Covers historic mining techniques and artifacts



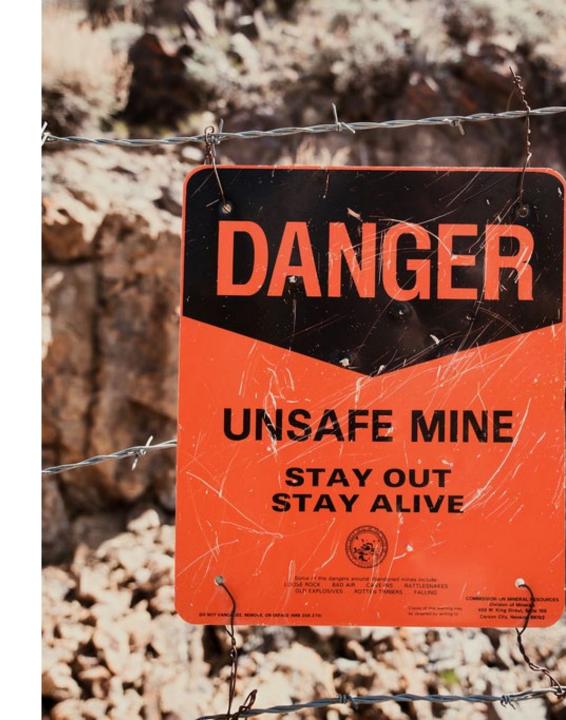
- Identified that the story of modern mining is lacking
- Still a very important industry for the state
 - We cover gaming
 - Agriculture
 - Military

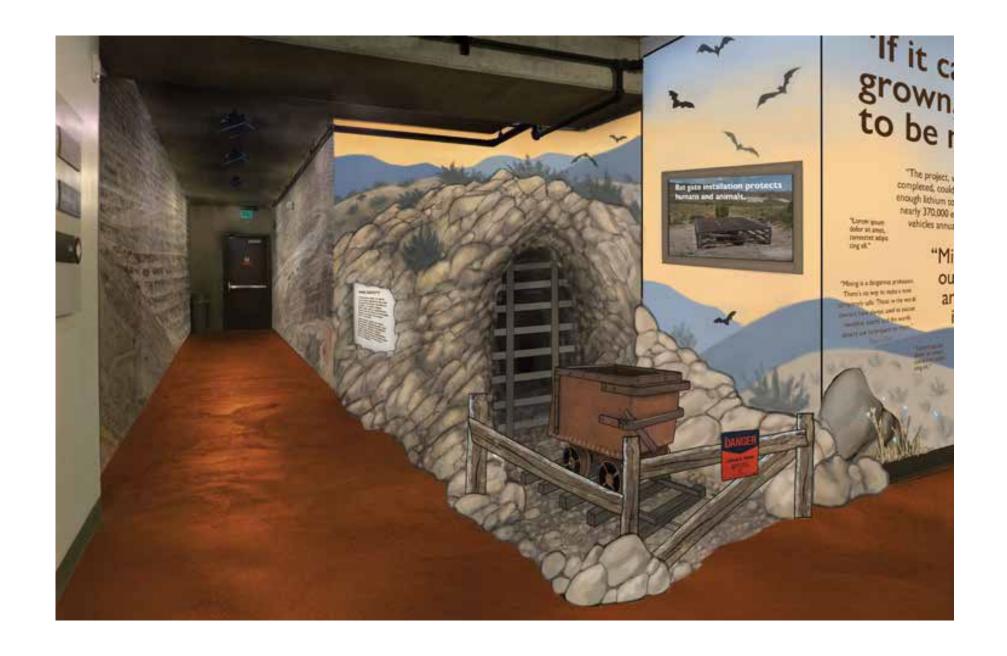




Current Space

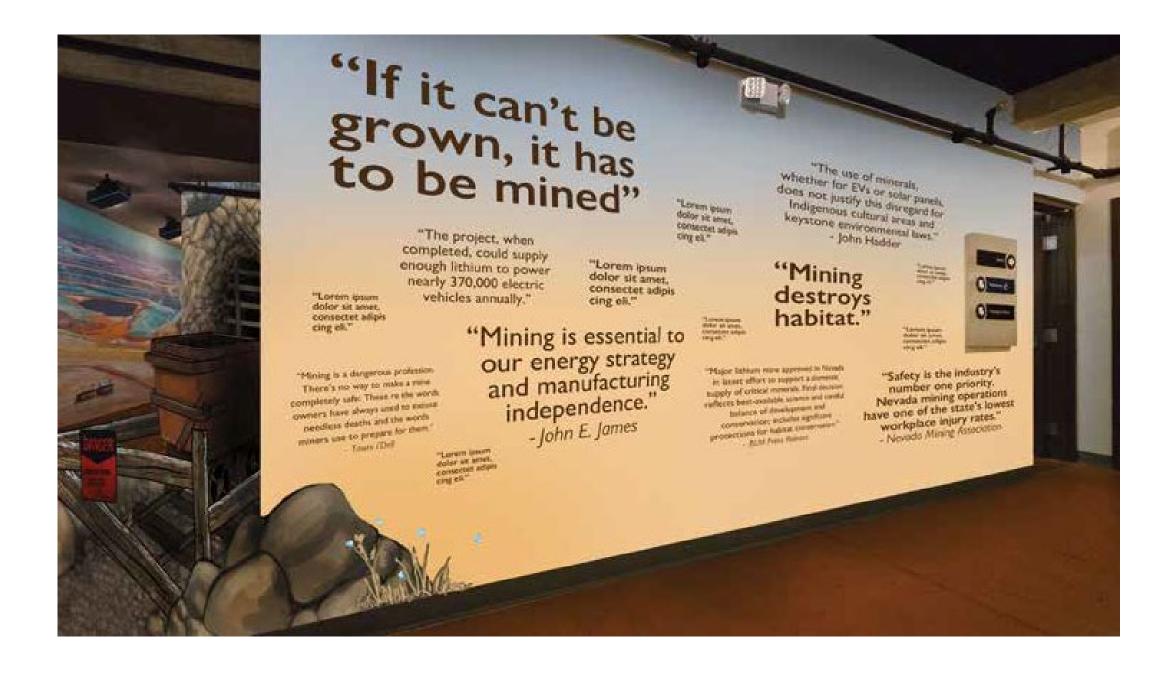
- Stay Out and Stay Alive
 - Components
 - Abandoned mine addit with bat gate
 - Historic mine car on tracks
 - Animated diorama showing bats emerging from mine in a twilight setting
 - Taxidermy desert tortoise walking into the bat gate
 - Interpretive video talking about Stay out Stay alive program, bat and other wildlife conservation





"If it can't be grown, it has to be mined."

- Perspectives
 - Mining elicits many feelings and opinions, many of these informed from practices of the past
 - On this wall we acknowledge one line perspectives about mining, its economic benefits, community benefits, environmental concerns, and strategic importance



- From Rocks to Riches: Ore
 - The public does not necessarily understand what the concept of ore is.
 This exhibit will highlight some major ore rocks from different commodities across the state and highlight what commodities come from them
 - The ore specimens will be displayed to the open so guests can more directly interact with them.
 - The background will be a generic mine structural cross-section for more geological immersion

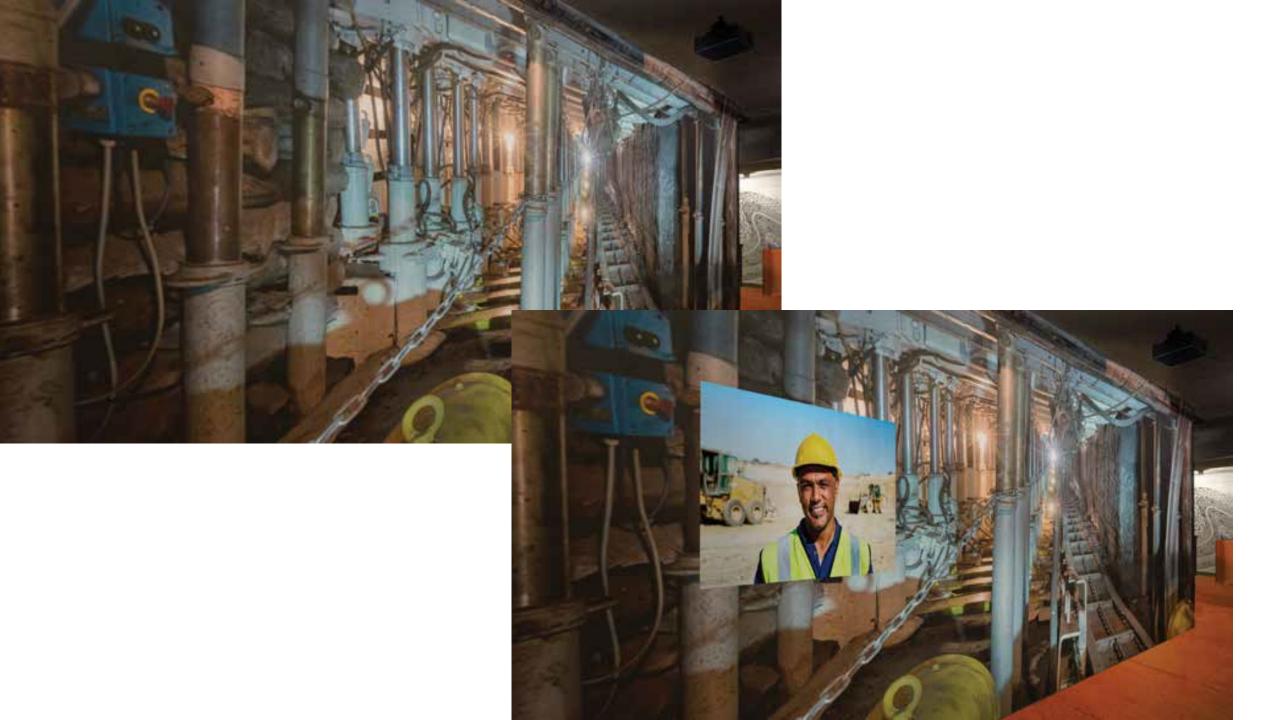




Phase 2: Modern Mining

Modern Mining

- Currently as guests emerge from the immersive historic mining diorama they are currently met with an industrial concrete hallway to exit the exhibit.
- The concept here is to have the guest step from an immersive traditional diorama into a more modern immersive story utilizing projectors and directed speakers
 - The guest steps out into a modern mine landscape, an open pit mine, or an underground operation, or a reclamation site
 - The guest see a live scene: a mine blast, a haul truck rolling past, a biologist walking up a picturesque hill being reclaimed
 - Then a pop up window plays an interview of a mining professional talking about various careers in mining
 - The theme is to show that mining is a modern industry, not a shirtless guy under a timber with a canary in a cage









Cost Estimates

Stay Out and Stay Alive \$9,980

Modern Mining \$66,780

• Total for Phase 2 \$76,760

What is the reach?

• FY 22 Attendance ~27,000 guests

• FY 23 ~35,000

• FY 24 ~40,000

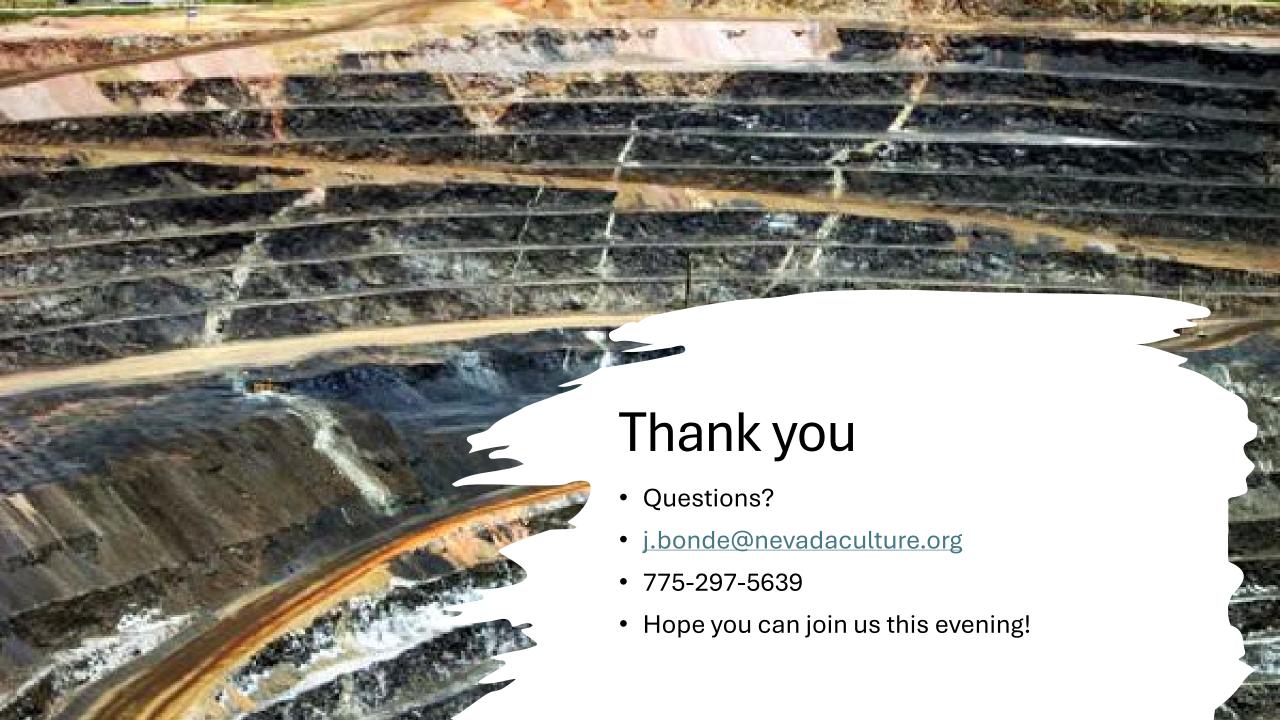
• FY 25 Projection ~45,000

- About 30% school groups
- With reboot of education program in next year we expect to dramatically increase school tours

What is the reach?

- 70% of visitors are Nevada residents
- Top 4 non-Reno metro area markets
 - 1. San Francisco Bay Metro Area
 - 2. Sacramento Metro Area
 - 3. Los Angeles Metro Area
 - 4. Las Vegas

The reach is broad and growing to get the message of the importance of extractive recourse industries in Nevada







3185 LAKESIDE DRIVE, RENO, NV 89509 TEL: 775-829-2121

January 21, 2025

Rob Ghiglieri, Administrator Nevada Division of Minerals 400 W. King Street, #106 Carson City, NV 89703

Re: Request for financial support of the Nevada's Earth Science Teacher's Workshops

I am writing to request continued financial support for the Nevada Earth Science Teacher's Workshops from the Nevada Commission on Mineral Resources. The Workshop is cosponsored by the Nevada Division of Minerals and the Nevada Mining Association.

Previously, the Commission has generously agreed to multiple year financial commitments help fund the teacher workshops, providing \$15,000 annually. This funding has been used to purchase necessary materials required to host earth science workshops for educators in both northern and southern Nevada each year. These materials include educational rock boxes, earth science reference books for each attendee and other educational materials that help teachers take what they have learned at the workshops back into their classrooms. Recognition is given to the Nevada Division of Minerals in all advertising opportunities to ensure that attendees are aware of the support received, and the partnership between the Division and Nevada Mining Association.

We are requesting funding, at the rate of \$15,000 per year for a period of two years, totaling \$30,000 in support of the Nevada Earth Science Teachers Workshops for fiscal years 2026 and 2027. This funding will be applied towards the same resources and materials as in previous years. The funds will be managed by the Division.

We appreciate your consideration of this request and look forward to your continued support.

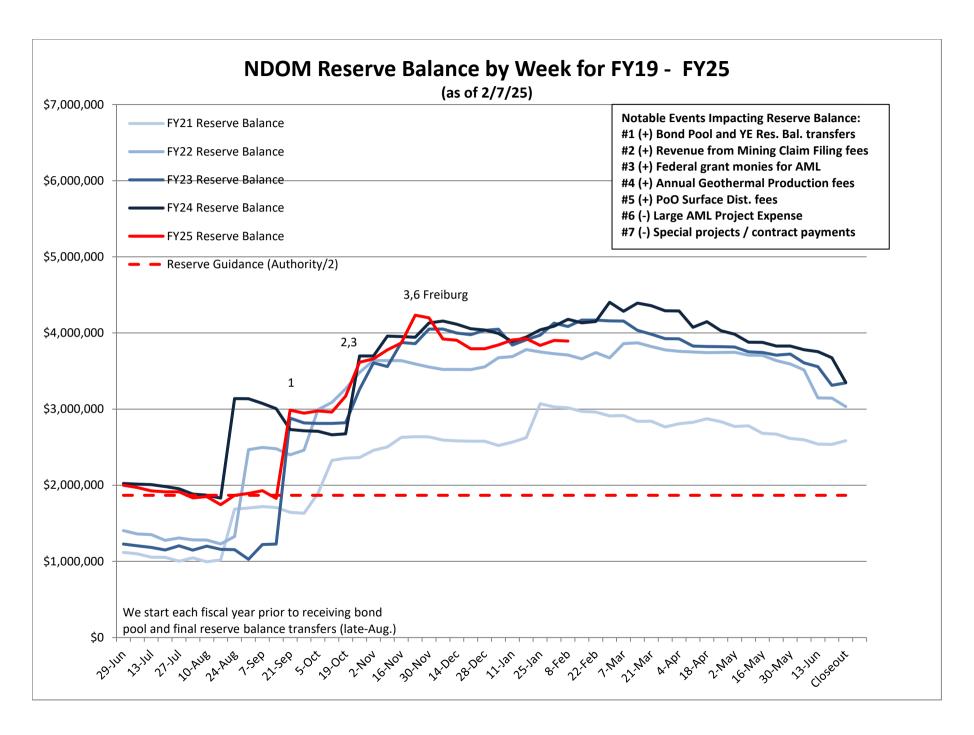
Sincerely,

Becky Hall, Community Engagement Manager

Nevada Mining Association Education Committee Liaison

IV. OLD BUSINESS

Α.



FY25 Mining	Claim Fees by County (tl	hru (02/01/202	5)							,			_				-					
Counties	Monthly or Quarterly	July	У	Au	gust	Se	ptember	Oct	ober	Nov	ember/	De	cember	Janu	ary	February	March	April	May	June	To	otal	
Carson	Quarterly					\$	470					\$	560								\$	5	1,030
Churchill	Quarterly					\$	28,940					\$	17,800								\$	>	46,740
Clark	Monthly	\$	3,190	\$	8,420	\$	4,720	\$	4,200	\$	50	\$	1,240								\$)	21,820
Douglas	Quarterly					\$	5,220					\$	1,960								\$	>	7,180
Elko	Monthly	\$	40,020	\$	32,650	\$	55,110	\$	212,860	\$	4,570	\$	5,090								\$)	350,300
Esmeralda	Quarterly					\$	90,790					\$	117,560								\$)	208,350
Eureka	Monthly	\$	25,130	\$	10,570	\$	140,010	\$	104,310	\$	6,230	\$	590								\$)	286,840
Humboldt	Quarterly					\$	196,880					\$	71,320								\$)	268,200
Lander	Quarterly					\$	222,730					\$	52,910								\$)	275,640
Lincoln	Quarterly					\$	13,910					\$	37,520								\$	5	51,430
Lyon	Quarterly					\$	49,630					\$	21,490								\$)	71,120
Mineral	Monthly	\$	31,850	\$	27,060	\$	35,970	\$	48,780	\$	1,410	\$	420	\$	3,290						\$)	148,780
Nye	Quarterly					\$	196,440					\$	152,400								\$)	348,840
Pershing	Quarterly					\$	71,490					\$	79,690								\$	5	151,180
Storey	Quarterly					\$	1,360					\$	3,280								\$)	4,640
Washoe	Monthly	\$	4,320	\$	470	\$	17,990	\$	6,350	\$	140	\$	-								\$	5	29,270
White Pine	Quarterly					\$	95,110					\$	120,420								\$)	215,530
	FY 25	5 \$	104,510	\$	79,170	\$	1,226,770	\$	376,500	\$	12,400	\$	684,250										
	FY 24	\$	54,900	\$	133,015	\$	1,473,860	\$	245,810	\$	28,010	\$	685,460	\$	13,210	\$ 3,010	\$ 74,270	\$ 4,060	\$ 2,340	\$ 50,	,780 \$	5 2	2,768,725
	FY 23	\$	97,420	\$	319,200	\$	1,175,110	\$	209,470	\$	22,020	\$	552,040	\$	8,450	\$ 7,320	\$ 147,100	\$ 3,310	\$ 6,090	\$ 195,	,360 \$	5 2	2,742,890
	FY 25 CUMULATIVE	\$	104,510	\$	183,680	\$	1,410,450	\$	1,786,950	\$ 1	1,799,350	\$	2,483,600	\$ 2,	,483,600	\$ 2,483,600	\$ 2,483,600	\$ 2,483,600	\$ 2,483,600	\$ 2,483,	,600 \$	5 5	5,252,325
	Thru Dec FY23	\$	2,375,260																				
	Thru Dec FY24	\$	2,621,055																				
	Thru Dec FY25	\$	2,483,600			Fu	ll FY Proj.	FY	23/24 Avg.														
	Difference 23 to 25	\$	108,340		4.6%	\$	2,867,998	\$	2,745,762														
	Difference 24 to 25	\$	(137,455)		-5.2%	\$	2,623,526																

On/Before Nov 1 FY23 \$ 1,801,200 On/Before Nov 1 FY24 \$ 1,907,585 On/Before Nov 1 FY25 \$ 1,799,350 Difference FY 23 to 25 \$ (1,850)0% Difference FY 24 to 25 \$ (108,235) -6% 2024 Projected revenue \$ 2,599,046 2024 Projected filings 259,905

Amount provided by recorder but not yet received

FY 2025, BA 4219 MINERALS, Exported 2/7/2025 12:43:52 PM

Category	Desc	L01		Wo	rkPrg	Act	ual	Βι	udgetBalance	Proje	ction	Actl	PlusProj	Pro	jBudgetBalance
00	3578 BLM ASSISTANT AGREEMENT	\$	200,000	\$	650,000	\$	310,371	\$	339,629	\$	339,629	\$	650,000	\$	-
00	3580 USFS ASSISTANCE AGREEMENT	\$	114,120	\$	114,120	\$	161,422	\$	(47,302)	\$	-	\$	161,422	\$	(47,302)
00	3584 FEDERAL GRANT-D	\$	77,787	\$	77,787	\$	859	\$	76,928	\$	14,141	\$	15,000	\$	62,787
00	3654 OIL AND GAS PERMITS AND FEES	\$	22,668	\$	22,668	\$	11,442	\$	11,226	\$	11,226	\$	22,668	\$	-
00	3717 APPLICATION FEES	\$	4,400	\$	4,400	\$	300	\$	4,100	\$	4,100	\$	4,400	\$	-
00	3718 MINING CLAIM FEES	\$	1,529,359	\$	1,601,359	\$	1,455,058	\$	146,301	\$	119,058	\$	1,574,116	\$	27,243
00	3727 DANGEROUS MINE FEE	\$	1,019,573	\$	1,019,573	\$	795,612	\$	223,961	\$	253,798	\$	1,049,410	\$	(29,837)
00	3736 GEOTHERMAL FEES	\$	156,550	\$	156,550	\$	57,400	\$	99,150	\$	99,150	\$	156,550	\$	-
00	3740 DISSOLVED MINERAL RES EXPL	\$	8,000	\$	8,000	\$	24,000	\$	(16,000)	\$	5,000	\$	29,000	\$	(21,000)
00	3770 AML SECURING FEE	\$	92,080	\$	92,080	\$	162,620	\$	(70,540)	\$	20,000	\$	182,620	\$	(90,540)
00	4011 PRINTING SALES	\$	27	\$	27	\$	-	\$	27	\$	27	\$	27	\$	-
00	4027 PUBLICATION SALES	\$	2,937	\$	2,937	\$	1,168	\$	1,769	\$	1,769	\$	2,937	\$	-
00	4311 MEDALLION ROYALTY INCOME	\$	253	\$	253	\$	-	\$	253	\$	253	\$	253	\$	-
00	4326 TREASURER'S INTEREST DISTRIB	\$	24,971	\$	24,971	\$	41,034	\$	(16,063)	\$	123,103	\$	164,138	\$	(139,167)
00	4620 TRANS FR RECL BOND POOL BA4220	\$	58,057	\$	58,057	\$	-	\$	58,057	\$	58,057	\$	58,057	\$	-
Total Rev		\$	3,310,782	\$	3,832,782	\$	3,021,286	\$	811,496	\$	1,049,312	\$	4,070,598	\$	(237,816)
01	PERSONNEL SERVICES	\$	1,451,886	\$	1,792,693	\$	992,117	\$	800,576	\$	800,576	\$	1,792,693	\$	-
02	OUT OF STATE TRAVEL	\$	19,974	\$	70,975	\$	25,721	\$	45,254	\$	31,738	\$	57,459	\$	13,516
03	IN STATE TRAVEL	\$	12,978	\$	23,771	\$	13,462	\$	10,309	\$	10,309	\$	23,771	\$	-
04	OPERATING	\$	162,220	\$	192,460	\$	92,721	\$	99,739	\$	99,739	\$	192,460	\$	-
05	EQUIPMENT	\$	5,268	\$	5,268	\$	-	\$	5,268	\$	5,268	\$	5,268	\$	-
08	BOARD TRAVEL	\$	9,907	\$	9,907	\$	193	\$	9,714	\$	9,714	\$	9,907	\$	-
09	SPECIAL PROJECT	\$	143,303	\$	457,500	\$	180,644	\$	276,856	\$	239,802	\$	420,446	\$	37,054
14	LAS VEGAS OFFICE	\$	43,041	\$	50,423	\$	31,173	\$	19,250	\$	19,250	\$	50,423	\$	-
17	FLUID MINERALS	\$	19,145	\$	19,145	\$	4,080	\$	15,065	\$	3,135	\$	7,214	\$	11,931
18	AML SUPPORT	\$	146,298	\$	154,698	\$	86,388	\$	68,310	\$	91,181	\$	177,568	\$	(22,870)
26	INFORMATION SERVICES	\$	24,550	\$	49,225	\$	15,835	\$	33,390	\$	36,921	\$	52,756	\$	(3,531)
30	TRAINING	\$	7,375	\$	7,375	\$	4,899	\$	2,476	\$	1,450	\$	6,349	\$	1,026
39	AML ENHANCMT	\$	1,141,331	\$	1,623,000	\$	455,514	\$	1,167,486	\$	1,014,421	\$	1,469,934	\$	153,066
82	EITS COST ALLOCATION	\$	83,337	\$	83,337	\$	43,850	\$	39,488	\$	39,488	\$	83,337	\$	-
87	PURCHASE	\$	2,493	\$	2,493	\$	1,870	\$	623	\$	623	\$	2,493	\$	-
88	ST COST PLAN RECOVERY	\$	51,882	\$	51,882	\$	25,941	\$	25,941	\$	25,941	\$	51,882	\$	-
89	AG COST ALLOCATION	\$	3,588	\$	3,588	\$	2,691	\$	897	\$	897	\$	3,588	\$	-
Total Exp		\$	3,328,576	\$	4,597,740	\$	1,977,098	\$	2,620,642	\$	2,430,451	\$	4,407,549	\$	190,191
		_										,	_		
	Operating Income	\$	(17,794)		(764,958)		1,044,188			\$	(1,381,140)	\$	(336,951)		(428,007)
	Beg Net Assets	\$	2,001,677		3,147,015	\$	3,147,015			\$	-	\$	3,147,015	_	
	End Net Assets	\$	1,983,883	\$	2,382,057	\$	4,191,203	\$	(1,809,146)	\$	(1,381,140)	\$	2,810,064		(428,007)
	Days Exp in Ending Rsv				238								233	3	

Includes four pending ASAP.gov CRs for ~\$140k

Projecting a 5.2% decline based on comparison with FY24 revenue thru Q2

Highly variable

Q1 actual extrapolated to four quarters
Likely a bit low but only by \$10-20k

Includes pending 01 IFC WP @ GFO, FY24/25 COLA, one-time payout

Pending work program

See CAT 09 projections spreadsheet for more information

Pending work program

Authorized or paid										
Item	Cont	ract Amount	Spen	nt	Obligated	Spent+Obliga	ted F	Remaini	ing	Notes
Teachers Workshop Support	\$	15,000.00	\$	9,173.47	\$ 5,826.53	\$ 15,00	0.00	\$	-	Purchased: Microscopes, pens, mineral cases, bags, SME posters; Obligated: rock/mineral ID books
PDAC/AME	\$	41,159.27	\$ 2	28,497.79	\$ 3,000.00	\$ 31,49	7.79	\$ 9,6	61.48	Used 2022 CAT 09 GL 7320+7360 for total authorized
NV State Museum Exhibit	\$	60,000.00	\$!	54,500.00	\$ 5,500.00	\$ 60,00	0.00	\$	-	Remaining FY25 authority authorized by CMR for minerals & upgrades
NV State Museum Upgrades	\$	14,000.00	\$	-	\$ -	\$	-	\$ 14,0	00.00	Approved by CMR along with minerals exhibit
Children's Museum Northern NV	\$	285.00	\$	285.00	\$ -	\$ 28	5.00	\$	-	CMR Approved project; remaining amount paid in FY24
										Submitted as M150 in last budget build but the contract was not yet signed so it was not included at that time, NOT
NBMG Biannual Industry Reports	\$	111,888.00	\$!	52,452.19	\$ 59,435.81	\$ 111,88	8.00	\$	-	INCLUDED YET (MI report \$43,512, Sample Curation \$24,864, Exploration Survey \$43,512)
NBMG Soda Lake (FY25 remaining)	\$	21,137.01	\$ 2	21,137.01	\$ -	\$ 21,13	7.01	\$	-	Completed and paid
Fluid Minerals Scanning & Database Proj	\$	96,000.00	\$	-	\$ 87,309.00	\$ 87,30	9.00	\$ 8,6	91.00	\$45,675 for database and \$41,634 for digitization
AML Brochures, Mini Units, Coloring Book	\$	42,000.00	\$	3,300.00	\$ -	\$ 3,30	0.00	\$ 38,7	00.00	AML Updates. Keith is working on SOW for AML mini units and mining coloring book (Estipona)
Reclamation Awards Video Documentation	\$	20,000.00	\$:	11,298.76	\$ -	\$ 11,29	8.76	\$ 8,7	01.24	Reclamation award tour video documentation (3sticks)
NBMG Mining Dist Scanning	\$	20,000.00	\$	-	\$ 10,000.00	\$ 10,00	0.00	\$ 10,0	00.00	\$40,000 contract over FY 25/26. See CMR Minutes 20240516. Probably not happening per Rob 1/9/25
						\$	-	\$	-	
Totals	s: \$	441,469.28	\$ 18	80,644.22	\$ 171,071.34	\$ 351,71	5.56	\$ 89,7	53.72	
FY25 WP Authority	y \$	457,500.00						\$ 105,7	84.44	

Transaction: Bond Status Report Home > Bond Status Report

Bond Pool Status

 Run Date
 02/11/2025
 BSR
 02/11/2025
 Cash in Bond Pool
 3181932.48
 Run

Reclamation Bond Pool Status Report		Current to:	02/11/2025			
Plan-level Bonds Company	Project	Entry Date	Bond Amount	% of Pool	Deposit + Premiums	% Bond Whole
Allegiant Gold (US) Ltd	Eastside Project	11/19/2021	\$163,064.00	8.06%	\$136,826.75	83.9%
Dun Glen Mining Corp	Dun Glen Placer Mine	08/11/2014	\$371,138.00	18.35%	\$403,192.73	108.63%
Quartz Lake Mining	Red Rock Mill Project	08/16/2023	\$712,867.00	35.26%	\$493,288.67	69.19%
TNT Ventures c/o Western Mine and Mineral LLC	Big Canyon Project	05/11/2015	\$81,956.00	4.05%	\$98,733.47	120.47%
Western Mine Development - Terminated	Kingston Mill	01/28/2002	\$100,450.00	4.96%	\$0.00	0%
Western Mine Development - Terminated	Victorine Mine	01/28/2002	\$45,875.39	2.26%	\$0.00	0%
Statewide Notice-Level - 39 bonds	Various	Various	\$546,358.00	27.02%	\$0.00	0%
	•		•			
Total Bond Amounts			\$2,021,708.39]		
Cash in Pool's Account (From BSR - 02/11/2025)			\$3,181,932.48]		
Funding Surplus			\$1,160,224.09	1		
Percent Funded			157.39%	1		

export excel

Previous

Finish

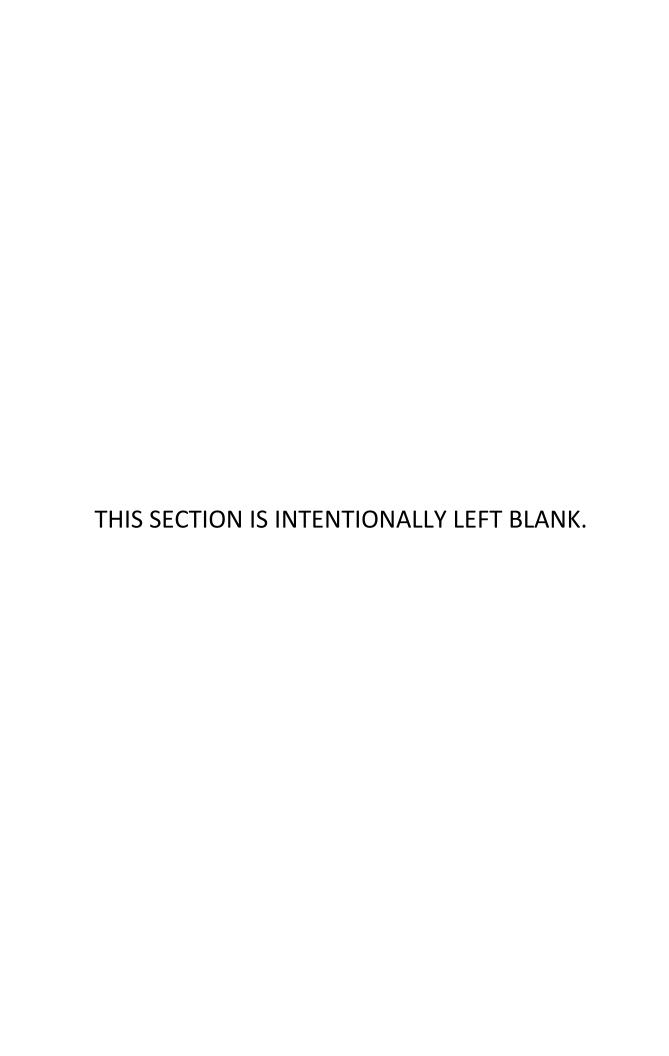
Contract Information and Financial Summary Report

572 Knowledge Services Vendor #: VEN1332	RFP#
Address: 9800 Crosspoint Blvd, Indianapolis, IN 46256-	SWC# 99SWC-NV19-2461
Contact: LeighAnn Ellis Phone: 317-578-1700 Email:	Cat 09 GL 7060
Contract Start-End Dates: 2/5/2025 - 6/30/2025 Contract Amt \$45,675.00 FY Ar	nt \$45,675.00
Descrip: #1 for IT consultant DBissell. Not to exceed \$45,675; WP Authority for FY25.	Notes:
	Amount In Service Amount
Summary for 1 detail	
Remaining Ba	ance - Contract# 572: \$45,675.00
19573 Environmental Protection Svcs Vendor #: T29044194 A	RFP#
Address: PO Box 21025, Carson City, NV 89721	SWC#
Contact: Brian Breiter Phone: 775-220-6687 Email: eps@epsnv.com	Cat 39 GL 7060
Contract Start-End Dates: 2/13/2018 - 2/5/2026 Contract Amt \$4,800,000.00 FY Ar	nt
Descrip: AML. Option for Amendment to Extend.	Notes:
	Amount In Service Amount
Summary for 117 detail re	cords:\$4,800,000.00 \$4,777,056.78 ce - Contract# 19573: \$22,943.22
24386 McGinley & Associates Vendor #: T81202459 Address: 5410 Longley Ln, Reno, NV 89511	RFP#
Contact: Joseph McGinley Phone: 775-829-2213 Email: jmcginley@mcgin.com	SWC#
, , , , , ,	Cat 39 GL 7060
Contract Start-End Dates: 7/13/2021 - 6/30/2025 Contract Amt \$300,000.00 FY Ar	1,
Descrip: AML Geological Analysis. \$150,000 thru 6/30/23; \$150,000 thru 6/30/25.	Notes:
Summary for 20 detail re	Amount In Service Amount cords: \$300,000.00 \$188,189.86
	ce - Contract# 24386: \$111,810.14
25751 Nevada Division of Forestry Vendor #: StofNV-NDF	RFP#
Address: 2478 Fairview Dr, Carson City, NV 89701	SWC#
Contact: Kris Kirkland Phone: 775-782-1422 Email: kris.kirkland@forestry.nv.gov	Cat 39 GL 7060
Contract Start-End Dates: 3/22/2022 - 6/30/2028 Contract Amt \$80,000.00 FY Ar	
Descrip: DOF-Air Ops-Minden; StofNV-Agency#706/Budget#4195. Interlocal Agreement with Division	• •
of Forestry (Amend#1 - extended from 06/30/2024 to 06/30/2028)	Amount In Service Amount
Summary for 4 detail re	cords: \$80,000.00 \$9,761.77
Remaining Balan	ce - Contract# 25751: \$70,238.23
26366 YESCO Vendor #: T81073323 (T2904	RFP#
Address: 2401 S. Foothill Drive, Salt Lake City, UT 84109-1479	SWC#
Contact: Gina Stratford Phone: 801-464-6457 Email: gstratford@yesco.com	Cat 18 GL 7060
Contract Start-End Dates: 5/27/2022 - 6/30/2026 Contract Amt \$48,000.00 FY Ar	nt
Descrip: AML Billboards	Notes: CAT-GL Problem (prev. used: 09-7121; 18-7121; 39-7121, & 09-7060)
	Amount In Service Amount
Summary for 19 detail re	
Remaining Balan	ce - Contract# 26366: \$17,884.83

20500	Territory 6	Vendor #: T32012915		RFP#	
	Address: 138 N. Brand Blvd. Suite 200, Unit 145, Glendale,	CA 92103		SWC#	
	Contact: Chris Leclerc Phone: 920-912-8303	Email: chris@territory6.com		Cat 39	GL 7060
	Contract Start-End Dates: 9/13/2022 - 3/31/2026	Contract Amt \$215,490.00	FY Amt		
	Descrip: Digital Marketing Campaign services for the AML p	orogram	Note	es:	
				Amount In	Service Amo
		Summary for 8 o			\$170,490.
			ig Balance - Co	ntract# 26560:	
	WEST (Western Ecosystems Technology) Address: 415 W. 17th St., Suite 200, Cheyenne, WY 82001	Vendor #: T32014079		RFP# 50COM SWC#	1R-S2199
	Contact: Joel Thompson Phone: 307-214-2799	Email: jthompson@west-inc.co	om	Cat 39	GL 7060
	Contract Start-End Dates: 2/8/2023 - 2/5/2027	Contract Amt \$98,000.00	FY Amt	\$24,500.00	
	Descrip: AML Wildlife Survey. *Holistic Wildlife Services LLC	• •	Note	. ,	
	,			Amount In	Service Amo
		Summary for 17 (detail records:	\$98,000.00	\$87,213.
		Remainir	ng Balance - Co	ntract# 27192:	\$10,786.
	Dad and Sons	Vendor #: T29038189		RFP#	
	Address: PO Box 1615, Tonopah, NV 89049-1615			SWC#	
	Contact: Ricardo Ramirez Phone: 775-241-3655	Email: dadandsonswash@gma	il.com	Cat 18	GL 7060
	Contract Start-End Dates: 4/1/2023 - 5/1/2025	Contract Amt \$9,600.00	FY Amt	\$4,800.00	
	Descrip: AML Billboards - to provide Billboard space for the Tonopah, NV.	AML Stay Out Stay Alive campaign	n in Note	es: CAT-GL Pro prev. used: 7121)	blem (CAT-GL : 09-7121; 18-
				Amount In	Service Amo
		Summary for 13 of		\$9,600.00	\$4,800.
			ng Balance - Co	ntract# 27435:	\$4,800.
	UNR-NBMG (Board of Regents-UNR) Address: 1664 N. Virginia St. Mail Stop 0325, Reno, NV 895	Vendor #: D35000816	ng Balance - Co	RFP# SWC#	\$4,800.
		Vendor #: D35000816 57	ng Balance - Co	RFP#	\$4,800.
	Address: 1664 N. Virginia St. Mail Stop 0325, Reno, NV 895	Vendor #: D35000816 57	ng Balance - Co FY Amt	RFP# SWC#	GL 7060
	Address: 1664 N. Virginia St. Mail Stop 0325, Reno, NV 895 Contact: Kandice Doerring Phone: 775-784-4040	Vendor #: D35000816 57 Email: kdoerring@unr.edu		RFP# SWC# Cat 09 \$43,200.00	GL 7060
	Address: 1664 N. Virginia St. Mail Stop 0325, Reno, NV 895 Contact: Kandice Doerring Phone: 775-784-4040 Contract Start-End Dates: 7/1/2023 - 6/30/2025	Vendor #: D35000816 57 Email: kdoerring@unr.edu	FY Amt	RFP# SWC# Cat 09 \$43,200.00	GL 7060
	Address: 1664 N. Virginia St. Mail Stop 0325, Reno, NV 895 Contact: Kandice Doerring Phone: 775-784-4040 Contract Start-End Dates: 7/1/2023 - 6/30/2025	Vendor #: D35000816 57 Description	FY Amt Note detail records:	RFP# SWC# Cat 09 \$43,200.00 es: Amount In \$43,200.00	GL 7060 Service Amo \$43,200.
	Address: 1664 N. Virginia St. Mail Stop 0325, Reno, NV 895 Contact: Kandice Doerring Phone: 775-784-4040 Contract Start-End Dates: 7/1/2023 - 6/30/2025	Vendor #: D35000816 57 Description	FY Amt Note detail records:	RFP# SWC# Cat 09 \$43,200.00 es: Amount In	GL 7060 Service Amo \$43,200.
28069	Address: 1664 N. Virginia St. Mail Stop 0325, Reno, NV 895 Contact: Kandice Doerring Phone: 775-784-4040 Contract Start-End Dates: 7/1/2023 - 6/30/2025 Descrip: Soda Lake Geothermal Study UNR-NBMG (Board of Regents-UNR)	Vendor #: D35000816 57 DEMail: kdoerring@unr.edu Contract Amt \$43,200.00 Summary for 11 of Remaining Vendor #: D35000816	FY Amt Note detail records:	RFP# SWC# Cat 09 \$43,200.00 es: Amount In \$43,200.00	GL 7060 Service Amo \$43,200.
28069	Address: 1664 N. Virginia St. Mail Stop 0325, Reno, NV 895 Contact: Kandice Doerring Phone: 775-784-4040 Contract Start-End Dates: 7/1/2023 - 6/30/2025 Descrip: Soda Lake Geothermal Study UNR-NBMG (Board of Regents-UNR) Address: 1664 N. Virginia St. Mail Stop 0325, Reno, NV 895	Vendor #: D35000816 57 D Email: kdoerring@unr.edu Contract Amt \$43,200.00 Summary for 11 of Remaining Vendor #: D35000816	FY Amt Note detail records:	RFP# SWC# Cat 09 \$43,200.00 es: Amount In \$43,200.00 entract# 27811:	GL 7060 Service Amo \$43,200.
28069	Address: 1664 N. Virginia St. Mail Stop 0325, Reno, NV 895 Contact: Kandice Doerring Phone: 775-784-4040 Contract Start-End Dates: 7/1/2023 - 6/30/2025 Descrip: Soda Lake Geothermal Study UNR-NBMG (Board of Regents-UNR)	Vendor #: D35000816 57 D Email: kdoerring@unr.edu Contract Amt \$43,200.00 Summary for 11 of Remaining Vendor #: D35000816	FY Amt Note detail records:	RFP# SWC# Cat 09 \$43,200.00 es: Amount In \$43,200.00 entract# 27811:	GL 7060 Service Amo \$43,200.
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28069	Address: 1664 N. Virginia St. Mail Stop 0325, Reno, NV 895 Contact: Kandice Doerring Phone: 775-784-4040 Contract Start-End Dates: 7/1/2023 - 6/30/2025 Descrip: Soda Lake Geothermal Study UNR-NBMG (Board of Regents-UNR) Address: 1664 N. Virginia St. Mail Stop 0325, Reno, NV 895 Contact: Thomas Landis Phone: 775-784-4040	Vendor #: D35000816 57 D Email: kdoerring@unr.edu Contract Amt \$43,200.00 Summary for 11 o Remainin Vendor #: D35000816 57 D Email: tlandis@unr.edu Contract Amt \$187,367.00 eral Industry Report published; & Pr	FY Amt Note detail records: ng Balance - Co	RFP# SWC# Cat 09 \$43,200.00 es: Amount In \$43,200.00 entract# 27811: RFP# SWC# Cat 09	GL 7060 Service Amo \$43,200. \$0.
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28069	Address: 1664 N. Virginia St. Mail Stop 0325, Reno, NV 895 Contact: Kandice Doerring Phone: 775-784-4040 Contract Start-End Dates: 7/1/2023 - 6/30/2025 Descrip: Soda Lake Geothermal Study UNR-NBMG (Board of Regents-UNR) Address: 1664 N. Virginia St. Mail Stop 0325, Reno, NV 895 Contact: Thomas Landis Phone: 775-784-4040 Contract Start-End Dates: 9/12/2023 - 6/30/2025 Descrip: Proj1 Sample Curation; Proj2 Annual Nevada Mine	Vendor #: D35000816 57 D Email: kdoerring@unr.edu Contract Amt \$43,200.00 Summary for 11 or Remaining Vendor #: D35000816 57 D Email: tlandis@unr.edu Contract Amt \$187,367.00 Erral Industry Report published; & Proceedings	FY Amt detail records: ng Balance - Co FY Amt roj3 Note	RFP# SWC# Cat 09 \$43,200.00 es: Amount In \$43,200.00 entract# 27811: RFP# SWC# Cat 09 es: Amount In	GL 7060 Service Amo \$43,200. \$0. GL 7060 Service Amo \$120,429.
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28069	Address: 1664 N. Virginia St. Mail Stop 0325, Reno, NV 895 Contact: Kandice Doerring Phone: 775-784-4040 Contract Start-End Dates: 7/1/2023 - 6/30/2025 Descrip: Soda Lake Geothermal Study UNR-NBMG (Board of Regents-UNR) Address: 1664 N. Virginia St. Mail Stop 0325, Reno, NV 895 Contact: Thomas Landis Phone: 775-784-4040 Contract Start-End Dates: 9/12/2023 - 6/30/2025 Descrip: Proj1 Sample Curation; Proj2 Annual Nevada Mine Exploration Survey. \$66,528 FY24 / \$120,839 FY25	Vendor #: D35000816 57 D Email: kdoerring@unr.edu Contract Amt \$43,200.00 Summary for 11 of Remaining Vendor #: D35000816 57 D Email: tlandis@unr.edu Contract Amt \$187,367.00 Gral Industry Report published; & Property of the Prop	FY Amt detail records: ng Balance - Co FY Amt roj3 Note	RFP# SWC# Cat 09 \$43,200.00 es: Amount In \$43,200.00 entract# 27811: RFP# SWC# Cat 09 es: Amount In \$187,367.00 entract# 28069: RFP#	GL 7060 Service Amo \$43,200. \$0. GL 7060 Service Amo \$120,429.
28069 28149	Address: 1664 N. Virginia St. Mail Stop 0325, Reno, NV 895 Contact: Kandice Doerring Phone: 775-784-4040 Contract Start-End Dates: 7/1/2023 - 6/30/2025 Descrip: Soda Lake Geothermal Study UNR-NBMG (Board of Regents-UNR) Address: 1664 N. Virginia St. Mail Stop 0325, Reno, NV 895 Contact: Thomas Landis Phone: 775-784-4040 Contract Start-End Dates: 9/12/2023 - 6/30/2025 Descrip: Proj1 Sample Curation; Proj2 Annual Nevada Mine Exploration Survey. \$66,528 FY24 / \$120,839 FY25 NDEP Address: 901 S. Stewart Street #4001, Carson City, NV 8970	Vendor #: D35000816 57 D Email: kdoerring@unr.edu Contract Amt \$43,200.00 Summary for 11 of Remaining Vendor #: D35000816 57 D Email: tlandis@unr.edu Contract Amt \$187,367.00 Gral Industry Report published; & Proceedings Summary for 13 of Remaining Vendor #: StOfNv-NDEP	FY Amt detail records: ng Balance - Co FY Amt roj3 Note	RFP# SWC# Cat 09 \$43,200.00 es: Amount In \$43,200.00 entract# 27811: RFP# SWC# Cat 09 es: Amount In \$187,367.00 entract# 28069: RFP# SWC#	GL 7060 Service Amo \$43,200. \$0. GL 7060 Service Amo \$120,429. \$66,937.
28069	Address: 1664 N. Virginia St. Mail Stop 0325, Reno, NV 895 Contact: Kandice Doerring Phone: 775-784-4040 Contract Start-End Dates: 7/1/2023 - 6/30/2025 Descrip: Soda Lake Geothermal Study UNR-NBMG (Board of Regents-UNR) Address: 1664 N. Virginia St. Mail Stop 0325, Reno, NV 895 Contact: Thomas Landis Phone: 775-784-4040 Contract Start-End Dates: 9/12/2023 - 6/30/2025 Descrip: Proj1 Sample Curation; Proj2 Annual Nevada Mine Exploration Survey. \$66,528 FY24 / \$120,839 FY25 NDEP Address: 901 S. Stewart Street #4001, Carson City, NV 8970 Contact: Jennifer Carr Phone: 775-687-9302	Vendor #: D35000816 57 D Email: kdoerring@unr.edu Contract Amt \$43,200.00 Summary for 11 of Remaining Vendor #: D35000816 57 D Email: tlandis@unr.edu Contract Amt \$187,367.00 Gral Industry Report published; & Property of the Summary for 13 of Remaining Vendor #: StOfNv-NDEP 11 22 Email: jcarr@ndep.nv.gov Contract Amt \$95,000.00	FY Amt Note detail records: ng Balance - Co FY Amt roj3 Note detail records: ng Balance - Co	RFP# SWC# Cat 09 \$43,200.00 es: Amount In \$43,200.00 entract# 27811: RFP# SWC# Cat 09 es: Amount In \$187,367.00 entract# 28069: RFP# SWC# Cat 39	GL 7060 Service Amo \$43,200. \$0. GL 7060 Service Amo \$120,429. \$66,937.
28069	Address: 1664 N. Virginia St. Mail Stop 0325, Reno, NV 895 Contact: Kandice Doerring Phone: 775-784-4040 Contract Start-End Dates: 7/1/2023 - 6/30/2025 Descrip: Soda Lake Geothermal Study UNR-NBMG (Board of Regents-UNR) Address: 1664 N. Virginia St. Mail Stop 0325, Reno, NV 895 Contact: Thomas Landis Phone: 775-784-4040 Contract Start-End Dates: 9/12/2023 - 6/30/2025 Descrip: Proj1 Sample Curation; Proj2 Annual Nevada Mine Exploration Survey. \$66,528 FY24 / \$120,839 FY25 NDEP Address: 901 S. Stewart Street #4001, Carson City, NV 8970 Contact: Jennifer Carr Phone: 775-687-9302 Contract Start-End Dates: 8/25/2023 - 7/30/2027	Vendor #: D35000816 57 D Email: kdoerring@unr.edu Contract Amt \$43,200.00 Summary for 11 of Remaining Vendor #: D35000816 57 D Email: tlandis@unr.edu Contract Amt \$187,367.00 Gral Industry Report published; & Property of the Summary for 13 of Remaining Vendor #: StOfNv-NDEP 11 22 Email: jcarr@ndep.nv.gov Contract Amt \$95,000.00	FY Amt Note detail records: ng Balance - Co FY Amt roj3 Note detail records: ng Balance - Co	RFP# SWC# Cat 09 \$43,200.00 es: Amount In \$43,200.00 entract# 27811: RFP# SWC# Cat 09 es: Amount In \$187,367.00 entract# 28069: RFP# SWC# Cat 39	GL 7060 Service Amo \$43,200. \$0. GL 7060 Service Amo \$120,429. \$66,937.
28069 28149	Address: 1664 N. Virginia St. Mail Stop 0325, Reno, NV 895 Contact: Kandice Doerring Phone: 775-784-4040 Contract Start-End Dates: 7/1/2023 - 6/30/2025 Descrip: Soda Lake Geothermal Study UNR-NBMG (Board of Regents-UNR) Address: 1664 N. Virginia St. Mail Stop 0325, Reno, NV 895 Contact: Thomas Landis Phone: 775-784-4040 Contract Start-End Dates: 9/12/2023 - 6/30/2025 Descrip: Proj1 Sample Curation; Proj2 Annual Nevada Mine Exploration Survey. \$66,528 FY24 / \$120,839 FY25 NDEP Address: 901 S. Stewart Street #4001, Carson City, NV 8970 Contact: Jennifer Carr Phone: 775-687-9302 Contract Start-End Dates: 8/25/2023 - 7/30/2027	Vendor #: D35000816 57 D Email: kdoerring@unr.edu Contract Amt \$43,200.00 Summary for 11 or Remaining Vendor #: D35000816 57 D Email: tlandis@unr.edu Contract Amt \$187,367.00 Industry Report published; & Property of the published; & Proper	FY Amt Note detail records: ng Balance - Co FY Amt detail records: ng Balance - Co FY Amt Note detail records:	RFP# SWC# Cat 09 \$43,200.00 es: Amount In \$43,200.00 entract# 27811: RFP# SWC# Cat 09 es: Amount In \$187,367.00 entract# 28069: RFP# SWC# Cat 39	GL 7060 Service Amo \$43,200. \$0. GL 7060 Service Amo \$120,429. \$66,937. GL 7060 Service Amo \$51,097.

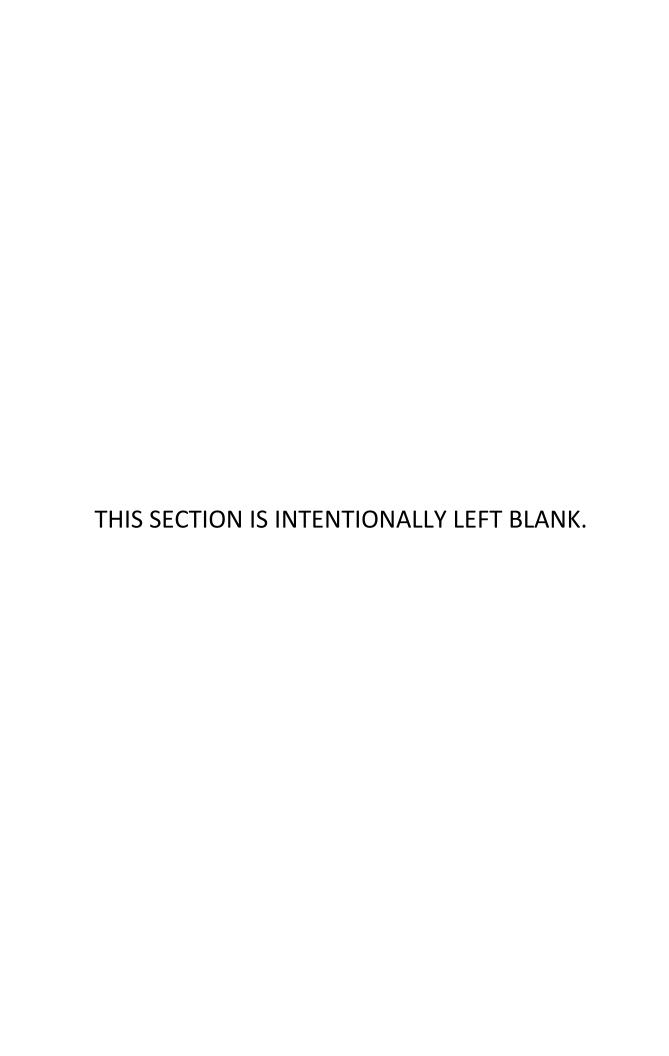
Vendor #: T80989610 B RFP# 99SWC-S2513 28693 Broadbent & Associates Inc. Address: 5450 Louie Lane Suite 101, Reno. NV 89511 SWC# 99SWC-NV24-20566 Contact: Doug Guerrant Phone: 775-332-7969 Email: dguerrant@broadbentinc.com Cat 39 GL 7060 Contract Start-End Dates: 2/13/2024 - 6/30/2026 Contract Amt \$11,000,000.00 FY Amt \$190,000,00 Descrip: Cultural Surveys; Service Agreement 1. Notes: Amount In Service Amount Summary for 11 detail records: \$300,000.00 \$193,458.02 Remaining Balance - Contract# 28693: \$106,541.98 Vendor #: T29044194 RFP# 99SWC-S2513 28695 Environmental Protection Services Address: 1601 Fairview Dr Office B, Carson City, NV 89701 SWC# 99SWC-NV24-20572 Contact: Brian Breiter Phone: 775-220-6687 Email: eps@epsnv.com Cat 39 GL 7060 Contract Start-End Dates: 2/13/2024 -6/30/2026 Contract Amt \$10,750,000.00 FY Amt \$4,875,000.00 Notes: Descrip: Service agreement 1 Amount In Service Amount Summary for 10 detail records: \$4,875,000.00 \$364,504.35 Remaining Balance - Contract# 28695: \$4,510,495.65 28705 Mountain States Restoration LLC RFP# 99SWC-S2513 Vendor #: T32015205 Address: 711 S Carson St Ste 4, Carson City, NV 89701 SWC# 99SWC-NV24-20567 Contact: Brian Sweet Phone: 619-723-3696 Email: Bsweet1197@gmail.com GL 7060 Cat 39 Contract Start-End Dates: 8/27/2024 - 6/30/2026 \$550,000.00 Contract Amt \$1,100,000.00 Descrip: Scope 9 Bat Gates \$750,000; Scope 11 AML Safeguarding & Permanent Closure \$150,000; Notes: Scope 12 AML Inventory & Revisit Program \$100,000; and Scope 15 Wildlife Surveys Amount In **Service Amount** \$100,000. Total \$1,100,000. Summary for 3 detail records: \$1,100,000.00 \$88,014.57 Remaining Balance - Contract# 28705: \$1,011,985.43 RFP# 99SWC-S2513 28706 Western EcoSystems Technology Vendor #: T32014079 Address: 415 W. 17th St., Suite 200, Cheyenne, WY 82001 SWC# Contact: Deby L. Forry Phone: 307-634-1756 Email: legal@west-inc.com 39 7060 Cat GL Contract Start-End Dates: 7/3/2024 - 6/30/2026 FY Amt \$225,000.00 Contract Amt \$500,000.00 Descrip: AML Wildlife Surveys. FY24-\$50,000; FY25-\$225,000; FY26-\$225,000 Notes: Amount In Service Amount Summary for 7 detail records: \$225,000.00 \$99,967.55 Remaining Balance - Contract# 28706: \$125,032.45 Vendor #: T27043652 RFP# 50COMR-S2596 28960 3Saurus, LLC Address: 2028 Western Ave, Las Vegas, NV 89102-4603 SWC# Contact: William Beddow Phone: 805-208-5046 Email: 3saurus@gmail.com Cat 09 GL 7060 Contract Start-End Dates: 3/26/2024 - 6/30/2025 Contract Amt FV Amt \$66,000.00 Descrip: Museum Exhibit #3 Nevada State Museum (not Reno D.M.; has been acknowledged by Notes: 3saurus). Amend#1 - Extended from 6/28/24 to 6/30/25; Changed address from 1943 Golden Amount In Service Amount Vista Dr, LVN 89123 to 2028 Western Ave, LVN 89102. Summary for 3 detail records: \$66,000.00 \$60,500.00 Remaining Balance - Contract# 28960: \$5,500.00 29453 Three Sticks Productions Vendor #: T32006269 RFP# 99SWC-S2340 Address: 2036 Whitecliff Dr, Reno, NV 89521-8331 SWC# 99SWC-NV-17892 Contact: Alphonse Polito Phone: 775-848-0051 Email: al@threesticksproductions.com 09 GL 7060 Contract Start-End Dates: 7/22/2024 -6/30/2025 Contract Amt \$11,300.00 FY Amt Descrip: Notes: Amount In Service Amount

Summary for 2 detail records: \$11,300.00 \$11,298.76 Remaining Balance - Contract# 29453: 29456 Estipona Group Vendor #: **T29035435** RFP# 99SWC-S2340 Address: PO Box 10606, Reno, NV 89510-0606 SWC# 99SWC-NV23-17892 Contact: Nicole Dion Phone: 775-624-3587 Email: nicole@estiponagroup.com Cat 09 GL 7060 Contract Start-End Dates: 7/18/2024 - 6/30/2025 Contract Amt \$3,300.00 FY Amt Descrip: Notes: Amount In Service Amount Summary for 2 detail records: \$3,300.00 \$3,300.00 Remaining Balance - Contract# 29456: \$0.00 Summary for 'All Contracts' = (264 detail records) 12,502,932.00 \$6,303,396.13 \$6,199,535.87 Remaining Balance (all contracts):



V. COMMISSION BUSINESS

A.





STATE OF NEVADA COMMISSION ON MINERAL RESOURCES

DIVISION OF MINERALS

400 W. King Street, Suite 106 Carson City, Nevada 89703 (775) 684-7040 • Fax (775) 684-7052 http://minerals.nv.gov/

ROBERT GHIGLIERI

MINERAL

Las Vegas Office: 375 E. Warm Springs Rd. #205. Las Vegas. NV 89119 Phone: (702) 486-4343; Fax: (702) 486-4345

Administrator

EXECUTIVE SUMMARY AND MONTHLY ACTIVITY REPORTS

October 2024

Legislation, Industry, and Public Relations: The agency participated and presented in various meetings including the annual Nevada Mineral Exploration Coalition, the Federal Mining Dialogue, Geothermal Rising Conference, the Governor's Lithium Summit, Interstate Mining Compact Commission, Recharge Nevada, Nevada Mining Association Environmental and Education Committees and various other meetings involving the minerals industry in Nevada and the nation.

Abandoned Mine Lands (AML): AML staff collaborated BLM Caliente district to develop a scope of work for PA/SI evaluation of tailings at the historic Frieberg Mining District. AML contractors completed the Treasure Hill and Ely 10-mile hard closure projects for a total of 43 sites in White Pine County. Wildlife survey work and reporting were completed in Nye and Lander County.

End-of-October AML statistics:

	SITES INVENTORIED	SITES SECURED	% Secured
Since 1987	25,926	20,510	82%
2024 To Date	937	932	99%

Fluid Minerals: Five geothermal sundries were processed as well as one oil well workover sundry. 17 geothermal resource development well permits were issued. Three DMRE well permits were also issued.

	FY 2025 Well Inspections										
	Total # of Wells	# Wells Needed for FY25 (1/3 of total)	Wells Inspected this month	# of Wells Inspected in FY25	Wells Remaining						
Geothermal	491	164	0	39	125						
Oil	122	41	0	0	41						
Totals	613	205	0	39	166						

Bond Pool: One notice level bond was released, and One notice level bond was increased. One plan level bond was released BLM.

Nigel Bain; Large-Scale Mining

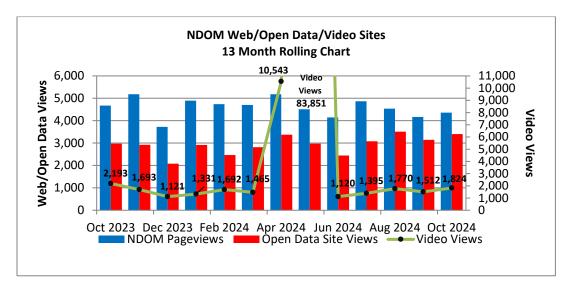
Reclamation Bond Pool Status	Report	Current to:	11/6/2024					
Plan-level Bonds -Company	Project	Entry Date	Bond Amount	% of Pool	Comments	Deposit	Premiums Paid	% Bond Whole
Quartz Lake Mining	Red Rock Mill	8/16/2023	\$712,867.00	33.52%		\$406,706.14	\$70,852.55	67.0%
Dun Glen Mining	Dun Glen	8/11/2014	\$371,138.00	17.45%		\$238,536.99	\$230,902.05	126.5%
Allegiant Gold	Eastside	11/19/2021	\$163,064.00	7.67%		\$84,036.27	\$44,845.96	79.0%
TNT Venture	Big Canyon	1/27/2010	\$81,956.00	3.85%		\$43,410.03	\$55,323.45	120.5%
New Gold Nevada (NV Rae)	Black Rock Canyon	4/15/2005	\$0.00	0.00%	Released 10/22/24	\$0.00	\$142,418.74	XX
Western Mine Dev.	Victorine Mine	5/24/2000	\$45,875.39	2.16%	terminated	\$0.00	\$0.00	XX
Western Mine Dev.	Kingston Mill	5/24/2000	\$100,450.00	4.72%	terminated	\$0.00	\$0.00	xx
Statewide Notice-Level	Various	various	\$651,271.00	30.62%	45 Notice-level bonds			
Total Bond Amount			\$2,126,621.39					
Cash in Pool's Account (BSR	Date: 10/31/24)		\$3,168,330.30					
Unfunded Amount	•		-\$1,041,708.91					
Percent funded	•		149.0%					

<u>Minerals Education and Outreach:</u> Carol Shelton presented at Meadow Valley Middle School which is a rural school in Panaca, Nevada. Topics on the first day included mining, minerals, AML and careers. The presentation on the second day included NV mining history and minerals mined in Nevada. The entire middle school of 80 students attended these presentations.

Carol Shelton also presented at Abston ES as part of their Nevada statehood celebration to all students' Pre-K to 5th grade on NV mining history, mining in Nevada, and AML. Six sessions were conducted for a total of 750 students. Carol Shelton prepared a middle school presentation on Types of Rocks and presented it at Tarkanian Middle School. Seven sessions were given to a total of 560 students, with the assistance of Rocco Olson.

Website/Open Data Site Activity:

Period	NDOM Website Pageviews	NDOM Website Top 5 Pageviews	NDOM Open Data Site Views	NDOM Video Views
Oct 2024	4,358	Home, Mining Claims, Geo Home, Mining Home,	3,400	1,824
		and Data webpage		
Oct 2023-				
Oct 2024	59,687		38,117	111,510



Financial, Personnel, and Safety: The reserve balance at the end of October was \$3,660,707. The Division is fully staffed and there were no work safety incidents in October.

MONTHLY ACTIVITY REPORTS

October 2024

Administrator (Rob Ghiglieri):

- 1. Attended the first Governor's Lithium Summit in Tahoe and was a part of the permitting panel.
- 2. Participated in another Federal Mining Dialogue meeting discussing the need for guidance on reprocessing mining waste for critical minerals.
- 3. Participated as a member of the first UNR Recharge Nevada workgroup meeting on Society, Culture and Safety to prepare for the next round of applications through the NSF Engines.
- 4. Re-initiated the NAAMLP/IMCC National Hardrock AML report with the goal of having a completed report by January 2025.
- 5. Attended the 2024 Geothermal Rising Conference. Answered questions regarding NDOM's permitting for geothermal in Nevada and had a lot of discussions with various geothermal companies' future goals and plans for geothermal in Nevada.
- 6. Attended virtually to the Annual IMCC Mid-Year meeting. Discussed ongoing federal changes to the minerals industry and hardrock AML programs.
- 7. Met with the Department of Administration, Human Resource Management and coordinated the transition to Human Resource Services for the Agency.
- 8. Participated in various meetings and committees not mentioned above to include the NvMA Environmental Committee, Mackay Advisory Board, Taxation, ASD, UNR, GOED, IMCC, BLM, NAAMLP Membership, the Governor's Office, members of the minerals and geothermal industries, and others.

Deputy Administrator (Garrett Wake):

- 1. October 2024 Bond Pool Activity:
 - 1. One notice-level bond released and one notice-level increase.
 - 2. One plan-level bond released BLM.
- 2. Prepared and submitted six work programs and one Board of Examiners packets to ASD. This includes authority for the replacement of three agency vehicles in FY25.
- 3. Conducted one mining and AML presentation for a geology field class at the College of Southern Nevada; five participants attended the presentation.
- 4. Assisted NDEP by transporting permitting staff to more than 15 notice level exploration drill sites northeast of Las Vegas.
- 5. Attended the following: Lithium Supply and Battery Raw Materials planning staff meeting, AML program meeting, NvMA Education Committee meeting, NDOM staff meeting, RAMS SOSA database monthly meeting, and AML brochure update meeting with Estipona Group.

October 2024 Bond Pool snapshot:

Reclamation Bond Pool Statu	s Report	Current to:	11/6/2024					
Plan-level Bonds -Company	Project	Entry Date	Bond Amount	% of Pool	Comments	Deposit	Premiums Paid	% Bond Whole
Quartz Lake Mining	Red Rock Mill	8/16/2023	\$712,867.00	33.52%		\$406,706.14	\$70,852.55	67.0%
Dun Glen Mining	Dun Glen	8/11/2014	\$371,138.00	17.45%		\$238,536.99	\$230,902.05	126.5%
Allegiant Gold	Eastside	11/19/2021	\$163,064.00	7.67%		\$84,036.27	\$44,845.96	79.0%
TNT Venture	Big Canyon	1/27/2010	\$81,956.00	3.85%		\$43,410.03	\$55,323.45	120.5%
New Gold Nevada (NV Rae)	Black Rock Canyon	4/15/2005	\$0.00	0.00%	Released 10/22/24	\$0.00	\$142,418.74	xx
Western Mine Dev.	Victorine Mine	5/24/2000	\$45,875.39	2.16%	terminated	\$0.00	\$0.00	xx
Western Mine Dev.	Kingston Mill	5/24/2000	\$100,450.00	4.72%	terminated	\$0.00	\$0.00	xx
Statewide Notice-Level	Various	various	\$651,271.00	30.62%	45 Notice-level bonds			
Total Bond Amount			\$2,126,621.39					
Cash in Pool's Account (BSR	R Date: 10/31/24)		\$3,168,330.30					
Unfunded Amount			-\$1,041,708.91					
Percent funded			149.0%	1				

Chief, Abandoned Mine Lands Program (Sean Derby)

- 1. AML staff collaborated BLM Caliente district to develop a scope of work for PA/SI evaluation of tailings at the historic Frieberg Mining District.
- 2. AML contractor EPS completed the Treasure Hill hard closure project including 15 sites in White Pine County.
- 3. AML contractor Mountain States Restoration completed the Ely 10 Mile hard closure project including 28 sites in White Pine County.
- 4. AML staff completed biannual hazard notification mailout addressing unsecured secured on public and private lands. AML staff continue to correspond with claimants to track compliance and answer questions or provide further information.
- 5. AML contractor UES geological characterization survey work and draft reporting for projects in Nye, White Pine, and Lincoln Counties.
- 6. Wildlife survey work and reporting was completed in Nye and Lander County.
- 7. AML staff coordinated with staff at Hecla Aurora in anticipation of a large scale near mine safeguarding project for spring of 2025. Drone missions and ground truthing are scheduled for November 4.

	SITES INVENTORIED	SITES SECURED	% Secured
Since 1987	25,926	20,510	82%
2024 To Date	937	932	99%

	AML Hard Closure Project Pipeline							
Planning Phase	Wildlife/Cultural Surveys in Progress	Pending CX	CX Received, Pending Closures	In Construction	Recently Completed			
Delamar, Lincoln County, 45 Hazards	WFO East; Elko, 24 hazards	Jarbidge, Elko, 9 Hazards			Frieberg; Lincoln, 25 hazards			
	361 NDOT, Mineral & Nye, 101 Hazards		Cahill; Humboldt, hazards 24		Treasure Hill, Ely, 15 hazards			
	Kingston; Nye & Lander , 49 hazards		Caselton; Lincoln, 51 hazards		Ely 10 Mile; White Pine, 28 hazards			
	Maggie Summit; Elko , 10 hazards		Jumping Jack, Nye, 5 hazards		Eureka Mine; Clark, 2 Hazards			

GIS/ Field Specialist (Lucia Patterson):

- 1. Updated Mining Claims (three times), Plan-Notice (twice) and ROW on Open Data Site.
- 2. Wrote letter summarizing NDOM's concerns with the Westwide Solar Programmatic EIS.
- 3. Drafted some NDOM logo ideas.
- 4. Updated the Nevada Mineral Explorer.
- 5. Attended the NMA Environmental Committee Quarterly Meeting.
- 6. Virtually attended the IMCC meeting.
- 7. Prepared a presentation for and presented at the annual NMEC meeting.

- 8. Prepared for and gave a presentation on Meteorites at Bethlehem Elementary School.
- 9. Reviewed the proposed Geothermal CX for exploration drilling rule.
- 10. Worked on updating the Nevada land withdrawals layer.
- 11. Completed a course on Wilderness Study Area management through Illinois State University.
- 12. Modified the script that processes solar data to generate polygons from sections with Solar Rows and the Mineral Impact Analysis script to generate data to be published online. These data can be reviewed in the Solar versus Minerals dashboard within the mining claims web application.

Field Specialist (Rick Kauffman)

- 1. Organized fall mailouts for AML securing's. This includes claimant responses for information.
- 2. Created a FY24 BLM AML numbers map for Garrett Wake. The map detailed the FY24 counts of hazards closed, inventoried, safeguarding's and revisits on BLM lands.
- 3. Started a cleanup and organization of ARC Online, this includes adding descriptions to the available files for added clarity. Have a day set up with Lucia in November to complete.
- 4. Reviewed Bob Thomas' geologic reports for Bellhelen, Cahill and Ely 10 mile.
- 5. Updated "Sites not found" in SOSA to closed or priority revisit.
- 6. Started a review of the USGS Mineral Deposit Database mine related features vs. NDOM mine related features. Found a high-level overview of 51% coverage of the USGS features. Next step is to break out the site features (non-hazards to USGS feature and NDOM mine features to USGS mine features).
- 7. Set up tablets for upcoming field work the first week of November for Aurora 2, Pilot Cone, and Manhattan.
- 8. Had a training with Debbie Selig on the process of uploading photos into SOSA.
- 9. Trained Sean and Pete to do a remote mapping project on the drone. This included software research and other related tasks.

AML/Fluid Minerals Field Specialist (Peter Engh):

- 1. Traveled to Las Vegas to oversee the completion of two closures in Lake Mead National Recreation Area
- 2. Mailed the first round of the AML mailout to claimants
- 3. Investigated reports of a fire at a hazard near Virginia City
- 4. Updated the SOSA Database numerous times to reflect the securing efforts of Claimants
- 5. Talked with several claimants over phone and email to discuss securing of AML Hazards on claims
- 6. Met with NDOW to discuss AML hard closure project pipeline and wildlife surveys
- 7. Emailed with Nevada State Lands to organize a hard closure project on Berlin Ichthyosaur State Park
- 8. Met with Becky Hall, new Community Engagement Manager at NVMA, to discuss teacher workshop priorities
- 9. Worked on TOPCORP trainings for December workshop
- 10. Attended an NDOM AML meeting to discuss projects
- 11. Attended deferred comp training
- 12. Attended meeting with USFS to discuss Ely 10-mile closure project and future projects like Jarbidge
- 13. Attended meeting regarding the Hard Rock AML Report

Fluid Minerals Program Manager (Dustin Holcomb):

- 1. Worked with the Fluid Minerals Program Officer to help generate API numbers and finalize permits for approval.
- 2. Continue building templates to standardize the response to permits and sundries.

- 3. Meet with the BLM on the monthly permit coordination meeting.
- 4. Attend a 1.5 hr. seminar on Plugging Practices and Methodologies, offered by SPE.
- 5. Edit and update COAs and BOPE form.
- 6. Meet with Zanskar representatives to discuss permitting practices.
- 7. Attend the Geothermal Rising Conference, in Hawaii.
- 8. Respond to several inquiries regarding geothermal and DMRE activities.
- 9. Process 5 geothermal sundry.
- 10. Process 1 oil well workover sundry.
- 11. Issue 17 Geothermal Resource Development Well Permits.
- 12. Adjudicate 1 DMRE Borehole NOIs.
- 13. Issue 3 DMRE Well Permits.
- 14. Finalize edits on the NDEP-NDOM Interlocal Contract.
- 15. Attend NDOM Staff Meeting.

FY 2025 Well Inspections							
	Total # of Wells	# Wells Needed for FY25 (1/3 of total)	Wells Inspected this month	# of Wells Inspected in FY25	Wells Remaining		
Geothermal	491	164	0	39	125		
Oil	122	41	0	0	41		
Totals	613	205	0	39	166		

Well Drilling Operations						
Permit Well Operator Field Type Status						
1598	23-13	Ormat – Major Core	MGH	Obs.	Drilling	
0243	28-33	Ormat- Ensign 161	Cleanout	Obs.	Workover Completed	

Project Manager (Keith Hayes):

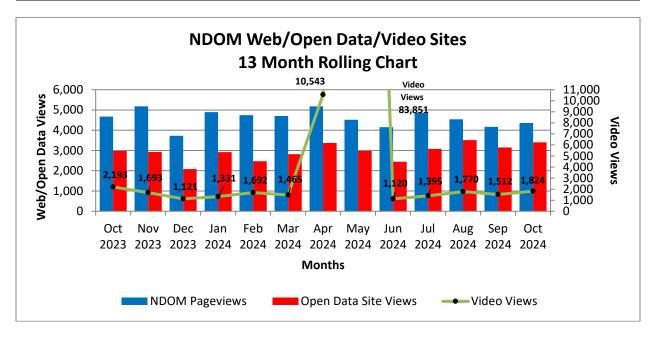
- 1. Garrett W., Sean D. and I met with Estipona Group to give feedback and suggestions regarding the first version of the children's AML brochure (10/1)
- 2. Met with Garrett W., Carol S., and Rob G. to discuss the inclusion of teachers from the University of Texas at Austin education workshop being included in Nevada's Southern Workshop in 2025 (10/1)
- 3. Worked with Garrett W. and Dustin H. to develop a design for a geothermal display banner for use at Geothermal Rising and other future events (10/2)
- 4. Delivered 50 combination rock/mineral boxes and test kits to Dawn S. (UNR) for UNR use at upcoming outreach events (10/3)
- 5. Registered staff for AME Roundup (10/7)
- 6. Registered staff for AEMA Annual Meeting (10/7)
- 7. Attended Education Committee Meeting to discuss Workshop planning (10/15)
- 8. Attended a Deferred Compensation and Retirement Training seminar (10/15)
- 9. Met with Estipona Group to review a 2nd iteration of the children's AML brochure (10/22)
- 10. Participated in the BOOnanza event at Mills Park in Carson City (10/24)
- 11. Participated in the Galena Creek Fall Festival at Galena Creek Visitors Center in Reno (10/25)
- 12. Attended meeting with Alex. W. and Becky H. from NVMA regarding Becky's new role with NVMA and the Teacher's Workshops (10/29)

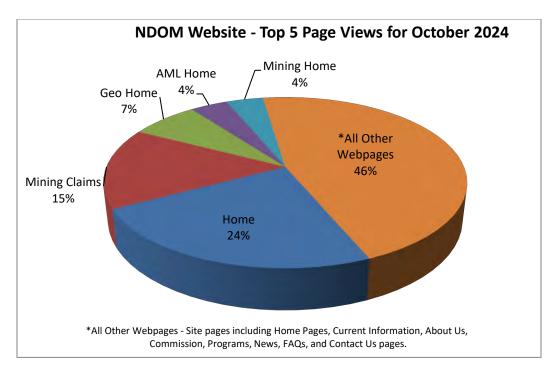
13. Attended an online presentation with Aaron Witt (CEO of BuildWitt) put on by NVMA titled "Lessons in Storytelling" which focused on marketing in the mining industry with a focus on building workforce and social outreach (10/30)

AML/Public Outreach and Education – Southern Nevada Field Specialist (Carol Shelton):

- 1. Presented at Meadow Valley Middle School which is a rural school in Panaca, Nevada. Topics on the first day included mining, minerals, AML and careers. The presentation on the second day included NV mining history and minerals mined in Nevada. The entire middle school of 80 students attended these presentations.
- 2. Presented at Abston ES as part of their Nevada statehood celebration to all students' Pre-K to 5th grade on NV mining history, mining in Nevada, and AML. Six sessions were conducted for a total of 750 students.
- 3. Prepared a middle school presentation on Types of Rocks and presented it at Tarkanian Middle School. Seven sessions were given to a total of 560 students. Rocco Olson assisted.
- 4. Attended several online training sessions as the Diversity and Inclusion Liaison. The purpose of the DIL is to ensure minority communities in Nevada have equal and accessible access to the services, resources, and information provided by NDOM.

Period	NDOM Website Pageviews	NDOM Website Top 5 Pageviews	NDOM Open Data Site Views	NDOM Video Views
Oct 2024	4,358	Home, Mining Claims, Geo Home, Mining	3,400	1,824
		Home, and Data webpage		
Oct 2023-				
Oct 2024	59,687	*Unique View Stats are No Longer Available	38,117	111,510





Top Visitors					
	Country	United States, Canada, China, India, and Germany			
Oct-2024	State	Nevada, California, Virginia, Washington, and Texas			
	City	(unknown), Las Vegas, Reno, Los Angeles, and San Jose			

	Video Views in October 2024	<u>Top 5 Video Views</u>	Dist Learn Trkr # of Classes	No. NV 45%	<u>So.</u> <u>NV</u> <u>55%</u>
Without Jimmy King Videos	1,749	 The Basics of Mineral Identification; 2. Mining in Nevada - 18:22 mins. (both videos); 3. Weathering & Erosion Part 1; 4. Ore Deposits an Overview; and 5. Geologist Career Presentation. 	70	32	38
With Jimmy King Videos	1,824	The Basics of Mineral Identification; 2. Mining in Nevada - 18:22 mins. (both videos); 3. Weathering & Erosion Part 1; 4. Ore Deposits an Overview; and 5. Geologist Career Presentation.	73	33	40

^{**}Video views for Jimmy King KOBI are from the NDOM YouTube site only**



STATE OF NEVADA COMMISSION ON MINERAL RESOURCES

DIVISION OF MINERALS

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EXECUTIVE SUMMARY REPORT

November 2024

Legislation, Industry, and Public Relations:

The Administrator provided edits to the Federal Mining Dialogue's draft report on guidance for reprocessing mining waste for critical minerals. The agency prepared comments on the 2024 Final Sage Grouse EIS and will provide them to the Governor's Office in December. The agency also provided a comment letter to the BLM regarding their proposed Geothermal 20-acre CX rule. The Commission on Mineral Resources held a quarterly meeting and included a tour of the Redwood Materials recycling facility. The AML program continued working on the NAAMLP/IMCC National Hardrock AML report and participated in a meeting with IMCC and Senator Henrick's Office to review the progress of the Good Sam AML bills and discuss the needed content in the proposed report. Participated in other various meetings and committees not mentioned above to include the Nevada Bureau of Mines and Geology Advisory Board, Trout Unlimited, geothermal companies, State Environmental Commission, Taxation, UNR, GOED, NDOW, BLM, and various members of the public and minerals industry.

<u>Abandoned Mine Lands (AML):</u> AML staff received CX approval from BLM Caliente district to complete the Caselton hard closure project in Lincoln County, NV. AML contractor EPS was tasked with this project. AML contractor Mountain States Restoration completed Manhattan safeguarding project including 50 sites in Nye County, NV. AML staff continue to correspond with claimants to track compliance and answer questions and provide further information for the biannual hazard notification.

End-of-November AML statistics:

	SITES INVENTORIED	SITES SECURED	% Secured
Since 1987	25,999	21,224	81%
2024 To Date	1,005	1,031	97%

<u>Fluid Minerals:</u> Eight geothermal resource development well permits were issued. Eight DMRE boreholes NOI's were adjudicated. The NDOM fluid minerals internal controls are being edited with the assistance of Crystal Cruson. Bonding instructions and letter templates were created for DMRE wells.

FY 2025 Well Inspections							
	Total # of Wells	# Wells Needed for FY25 (1/3 of total)	Wells Inspected this month	# of Wells Inspected in FY25	Wells Remaining		
Geothermal	492	164	0	39	125		
Oil	122	41	0	0	41		
Totals	614	205	0	39	166		

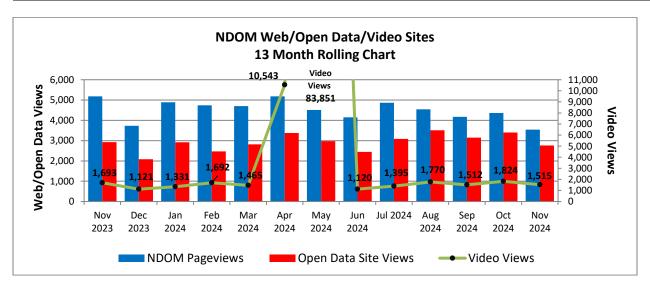
<u>Bond Pool:</u> Three notice level bonds were released. Bond pool quarterly and annual invoices were generated and mailed.

Reclamation Bond Pool Status Report		Current to:	12/9/2024		
Plan-level Bonds -Company	Project	Bond Amount	Deposit + Premiums	% Bond Whole	Comments
Allegiant Gold	Eastside	\$163,064.00	\$132,854.49	81.5%	0.0111110111
Dun Glen Mining	Dun Glen	\$371,138.00	\$469,439.04	126.5%	Delinquint; Termination Date 12/9
Quartz Lake Mining	Red Rock Mill	\$712,867.00	\$493,288.67	69.2%	
TNT Ventures	Big Canyon	\$81,956.00	\$98,733.48	120.5%	
Western Mine Dev.	Victorine Mine	\$45,875.39	\$0.00	XX	terminated
Western Mine Dev.	Kingston Mill	\$100,450.00	\$0.00	XX	terminated
Statewide Notice-Level	Various	\$614,197.00	45 Notice Leve	el Bonds	
Total Bond Amount	Total Bond Amount				
Cash in Pool's Account (BSR Date: 12/0	\$3,192,860.37				
Unfunded Amount	-\$1,103,312.98				
Percent funded			152.8%		

<u>Minerals Education and Outreach:</u> Presentations at Ward ES, Smith ES, and Tarkanian MS to 1,320 students on mining, minerals, and AML careers. 3-day presentation at Greenspun JHS on mining, minerals and AML, which also included a mineral identification activity.

Website/Open Data Site Activity:

Period	NDOM Website Pageviews	NDOM Website Top 5 Pageviews	NDOM Open Data Site Views	NDOM Video Views
Nov 2024	3,539	Home, Mining Claims, Geo Home, Mining Home, and	2,762	1,515
		Data webpage		
Nov 2023-				
Nov 2024	58,552		37,904	110,832



<u>Financial, Personnel, and Safety:</u> The reserve balance at the end of November was \$3,920,315. The agency with GFO, ASD, and the Governor's Office to review and finalize the Division's FY26/27 budget before submitting to LCB for the upcoming session. The Division is fully staffed and there were no work safety incidents in November.

MONTHLY ACTIVITY REPORTS

November 2024

Administrator (Rob Ghiglieri):

- 1. Provided edits to the Federal Mining Dialogue's draft report on guidance for re-processing mining waste for critical minerals.
- 2. Assisted Lucia on preparing comments on the 2024 Final Sage Grouse EIS.
- 3. Provided a comment letter to the BLM regarding their proposed Geothermal 20-acre CX rule.
- 4. Coordinated and participated in the quarterly Commission on Mineral Resources meeting and tour of Redwood Materials recycling facility.
- 5. Met with GFO, ASD, and the Governor's Office to review and finalize the Division's FY26/27 budget before submitting to LCB for the upcoming session.
- 6. Participated as a member of the first UNR Recharge Nevada workgroup meeting on Society, Culture and Safety to prepare for the next round of applications through the NSF Engines.
- 7. Continued working on the NAAMLP/IMCC National Hardrock AML report with the goal of having a completed report by January 2025.
- 8. Attended the State Environmental Commission Meeting.
- 9. Participated in a meeting between DCNR, NDEP, NDOM, the Governor's Office and Fervo to discuss their plans moving forward in Nevada and Enhanced Geothermal.
- 10. Attended the quarterly Natural Resources Governor's Cabinet meeting.
- 11. Worked with Trout Unlimited and the NAAMLP Hardrock Committee to provide a letter of support to various members of key committees for the passage of Good Samaritan Remediation of Abandoned Hardrock Mies Act (S.2781/H.R.7779).
- 12. Participated in a meeting with IMCC and Senator Henrick's Office to review the progress of the Good Sam AML bills and discuss the needed content in the proposed IMCC/NAAMLP hardrock AML report.
- 13. Participated in other various meetings and committees not mentioned above to include the Nevada Bureau of Mines and Geology Advisory Board, Taxation, UNR, GOED, NDOW, BLM, and various members of the public and minerals industry.

Deputy Administrator (Garrett Wake):

- 1. November 2024 Bond Pool Activity:
 - 1. Three notice-level bonds were released.
- 2. Presented a claim staking process session at the Southern Nevada Gem & Mineral Society's "Viva Las Vega Rocks!" event at the Sante Fe Station Convention Center; 12 participants in attendance.
- 3. Inspected and signed off on the Nevada State Museum Rock and Mineral Exhibit. The exhibit will be installed at the Carson City Museum the first week of December.
- 4. Presented on the FY25 agency budget at the November CMR meeting.
- 5. Worked with contractor Estipona Group to finalize the revised AML Children's Brochure. The first round of new prints will be ordered in early December.
- 6. Worked with Dustin and Crystal on the review and update of the agency's Internal Controls; Fluid Minerals Program sections.
- 7. Worked with Crystal to perform agency Internal Controls quarterly audit.
- 8. Generated and mailed bond pool quarterly and annual (January cycle) invoices.
- 9. Completed the FY25 Q1 bond pool reconciliation report and forwarded to the State Controller's Office for review and retention.
- 10. Attended the following: RAMS monthly database meeting, CMR quarterly meeting, NvMA Education Committee meeting, Smart from the Start meeting, NDOM/MIT AI meeting, Fluids Program database meeting, NDOM-ASD fiscal meeting, Churchill County geothermal meeting,

NDOM AML meeting, NDOM staff meeting, WEST contract meeting, PDAC committee meeting, and GFO budget meeting.

November 2024 Bond Pool snapshot:

Reclamation Bond Pool Status Report		Current to:	12/9/2024		
Plan-level Bonds -Company	Project	Bond Amount	Deposit + Premiums	% Bond Whole	Comments
Allegiant Gold	Eastside	\$163,064.00	\$132,854.49	81.5%	
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TNT Ventures	Big Canyon	\$81,956.00	\$98,733.48	120.5%	
Western Mine Dev.	Victorine Mine	\$45,875.39	\$0.00	XX	terminated
Western Mine Dev.	Kingston Mill	\$100,450.00	\$0.00	XX	terminated
Statewide Notice-Level	Various	\$614,197.00	45 Notice Leve	el Bonds	
Total Bond Amount	\$2,089,547.39				
Cash in Pool's Account (BSR Date: 12/0	\$3,192,860.37				
Unfunded Amount	-\$1,103,312.98				
Percent funded			152.8%		

Chief, Abandoned Mine Lands Program (Sean Derby)

- 1. AML staff received CX approval from BLM Caliente district to complete the Caselton Hard Closure Project in Lincoln County, NV. AML contractor EPS was tasked with the project.
- 2. AML contractor EPS completed the Dixie Valley inventory and safeguarding project including 35 sites in Churchill County
- 3. AML contractor Mountain States Restoration completed Manhattan Safeguarding project including 50 sites in Nye County, NV.
- 4. AML staff continue to correspond with claimants to track compliance and answer questions or provide further information for the biannual hazard notification
- 5. AML contractor Broadbent began cultural survey work on three projects in Elko and Nye County.
- 6. Wildlife survey work and reporting was completed in Nye and Mineral County.
- 7. AML staff coordinated with staff at Hecla Aurora and conducted drone flights and developed high resolution imagery to aid with a pending large scale proactive securing project.

	SITES INVENTORIED	SITES SECURED	% Secured
Since 1987	25,999	21,224	81%
2024 To Date	1,005	1,031	97%

	AML Hard Closure Project Pipeline						
Planning Phase	Wildlife/Cultural Surveys in Progress	Pending CX	CX Received, Pending Closures	In Construction	Recently Completed		
Delamar, Lincoln County, 45 Hazards	WFO East; Elko, 24 hazards		Jarbidge, Elko, 9 Hazards		Frieberg; Lincoln, 25 hazards		
	361 NDOT, Mineral & Nye, 101 Hazards			Cahill; Humboldt, hazards 24	Treasure Hill, Ely, 15 hazards		

Kingston; Nye & Lander , 49 hazards		Caselton; Lincoln, 51 hazards	Ely 10 Mile; White Pine, 28 hazards
Maggie Summit; Elko , 10 hazards		Jumping Jack, Nye, 5 hazards	Eureka Mine; Clark, 2 Hazards

GIS/ Field Specialist (Lucia Patterson):

- 1. Updated Mining Claims, Plan-Notice, and ROW on Open Data Site.
- 2. Modified ROW script to pull and merge all sections with solar and wind ROWs in Nevada for multiple use conflict analysis.
- 3. Worked on updating Land Withdrawals in Nevada using new data generated from MLRS.
- 4. Reviewed the proposed Geothermal CX and substantiation report summarized the differences between locatable mineral exploration, oil-gas exploration/development, and geothermal exploration/development for briefing outside entities.
- 5. Created a new dashboard depicting solar activity with respect to Nevada counties.
- 6. Worked on field maps with Layth for implementation with new AML database.
- 7. Attending meetings with NDOW on Geothermal CX, BMRR on mining related topics, and the Smart from the Start colloquium.
- 8. Presented fossils for the Bethlehem Lutheran Science Club.
- 9. Started analyzing Sage Grouse RMPA-FEIS and calculating where disturbance caps have been exceeded within the state and the implications to Locatable and Fluid Mineral development if caps are exceeded.

Field Specialist (Rick Kauffman)

- 1. Ongoing updates of SOSA from AML mailouts.
- 2. Manhattan field Getac training with Brian Sweet of Mountain Resources.
- 3. Pilot Cone AML field work
- 4. Several meetings with California AML group on the US MIN data review.
- 5. Updates on the US MIN data presentation that included hazard comparisons and overall findings that was presented on the Hard Rock Report meeting.
- 6. Attended a UNR Career fair, and a meet and greet for summer intern recruitment.
- 7. Attended Zephyr Cove Elementary education outreach.
- 8. Uploaded field data from EPS (Dixie Valley) and the NDOM field work from Pilot Cone

AML/Fluid Minerals Field Specialist (Peter Engh):

- 1. Spent 3 nights in the field during the first week of November
 - a. Planned and executed a UAS drone flight of Hecla's claims in Auora
 - b. Logged several new hazards in the Pilot Cone Topo map outside of Walker Lake
- 2. Finished all online trainings for TOPCORP
- 3. Attended two different outreach events to recruit Interns at UNR
 - a. Job Fair 11/07
 - b. Mackey Meet & Greet 11/19
- 4. Attended the Zephyr Cove Stem Night to represent NDOM
- 5. Ordered new Garmin Messengers for Winter Interns
- 6. Communicated with Nevada State Parks and Nevada State Lands in order to advance a Berlin-Ichthyosaur State Park hard rock closure project

- 7. Created SOSA AML accounts for NDOW to look at Bat Compatible Closure data
- 8. Handled several data requests
- 9. Handled several requests from claimants and entered securing data to SOSA
- 10. Attended an NDOM meeting on AML
- 11. Attended the Hard Rock Report meeting

Fluid Minerals Program Manager (Dustin Holcomb):

- 1. Update the Commission on Fluid Minerals Program activity.
- 2. Edit NDOM Fluid Minerals Internal Controls, working with the program officer.
- 3. Build DMRE Bond Templates.
- 4. Meet with the BLM on the monthly permit coordination meeting.
- 5. Edit and update COAs for DMRE and Geothermal wells.
- 6. Create bonding instructions and letter templates for DMRE wells.
- 7. Respond to several inquiries regarding geothermal and DMRE activities.
- 8. Issue 8 Geothermal Resource Development Well Permits.
- 9. Adjudicate 8 DMRE Borehole NOIs. The first DMRE boreholes on private land in the state.
- 10. Meet with KUNR to discuss a segment on geothermal.
- 11. Meet with Churchill County Representatives to discuss Fervo activities.
- 12. Meet with the Administrators of DCNR and Fervo Representatives.

FY 2025 Well Inspections							
	Total # of Wells	# Wells Needed for FY25 (1/3 of total)	Wells Inspected this month	# of Wells Inspected in FY25	Wells Remaining		
Geothermal	492	164	0	39	125		
Oil	122	41	0	0	41		
Totals	614	205	0	39	166		

Well Dril	ling Operations				
Permit	Well	Operator	Field	Type	Status
1587	34(46)-3	Ormat	CRV	In-Prod	Drilling
1596	74-10	Ormat	MGH	Obs.	Drilling
1598	23-13	Ormat	MGH	Obs.	Complete; Shut-In

Project Manager (Keith Haves):

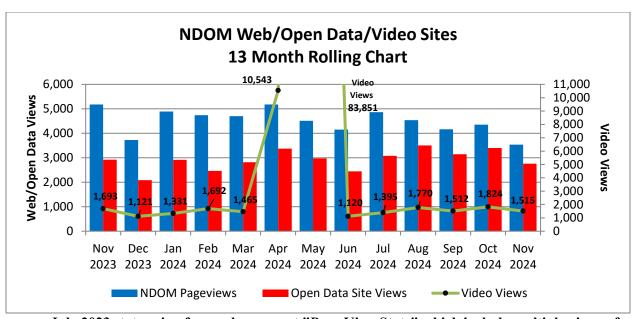
- 1. Attended RAMS Database Monthly meeting (11/5).
- 2. Completed reviews of nine (9) Borehole NOIs for DMRE Program (11/5).
- 3. Attended meeting with Reno Public Library staff (Audrey G.) as well as Courtney B. (Ormat), Garrett B. (Keck Museum), and Rachel M. (NBMG) about an upcoming Rock of the Month education outreach program at the library (11/7 and 11/13).
- 4. Ordered booth furnishings (carpet and pad) for AME Roundup (11/8).
- 5. Attended NVMA Education Committee meeting to discuss upcoming workshops (11/12).
- 6. Attended PDAC Committee meeting to discuss conference plans (11/19).
- 7. Performed a site visit to Kingston Mill/Victorine Mine with Matt D. (NDEP), Ken D. (BLM), and Mark D. (BLM) to assess septic system, water well, and access to the Victorine site (11/20).

- 8. Attended meeting with Becky H. (NVMA) and Erin S. (UNR Tahoe) to discuss campus in Incline Village as a potential venue for the 2025 Northern Nevada Education Workshop (11/26).
- 9. Picked up Li Clay samples from Lithium Americas Technical Center (11/27).

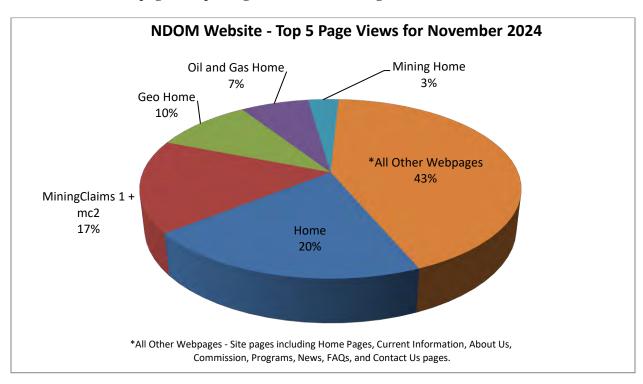
AML/Public Outreach and Education – Southern Nevada Field Specialist (Carol Shelton):

- 1. Presented for three consecutive days at Greenspun JHS on mining, minerals, AML and a mineral identification activity. 450 students in 13 classes received the presentation.
- 2. Presented at Ward ES to 600 students on mining, minerals, AML and careers.
- 3. Presented for two days at Tarkanian MS on mining, AML, careers and incorporated quizzes using the Kahoot! Application. 630 students in 8 classes received the presentation.
- 4. Presented at Smith ES to three groups for a total of 90 students. Topics included mining, minerals, AML, and careers.
- 5. I received confirmation from the CCSD PLE Office that I am an approved instructor for our All About Mining course and our Southern Nevada Teacher's Workshop.
- 6. Submitted documentation to the CCSD PLE Office for approval of our Spring All About Mining course and our Southern Nevada Teacher's Workshop. Both were approved.
- 7. I attended the Cholla meeting which was hosted by CCSD Curriculum & Instruction Division. Phenomenon-based learning was discussed based on student inquiry and problem solving and ways were identified on how to incorporate this into presentations given.
- 8. I hosted the All About Mining closing live sync. The class had a 100% completion rate. Many of the attendees expressed how much they enjoyed the class and were amazed by how important minerals are and how much Nevada contributes.

Period	NDOM Website Pageviews	NDOM Website Top 5 Pageviews	NDOM Open Data Site Views	NDOM Video Views
Nov 2024	3,539	Home, Mining Claims, Geo Home, Mining Home,	2,762	1,515
		and Data webpage		
Nov 2023-				
Nov 2024	58,552		37,904	110,832



July 2023 stats going forward represent "Page View Stats" which include multiple views of the same webpage; Unique Pageview Stats is no longer available.



Top Visitors					
	Country	United States, China, Canada, India, and Australia/Philippines/S Korea/UK			
Nov. 2024		Nevada, California, Texas, Washington, and (unk)/Colorado/Guangdong			
Nov-2024	State	Prov			
	City	(unknown), Reno, Las Vegas, Los Angeles, and Carson City			

	Video Views in November 2024	<u>Top 5 Video Views</u>	Dist Learn Trkr# of Classes	No. NV 45%	<u>So.</u> <u>NV</u> <u>55%</u>
Without Jimmy King Videos	1,439	1. Mining in Nevada - 18:22 mins. (both videos); 2. The Basics of Mineral Identification; 3. Weathering & Erosion Part 1; 4. Ore Deposits an Overview; and 5. APP_Videos 50 ea Total.	58	26	32
With Jimmy King Videos	1,515	1. Mining in Nevada - 18:22 mins. (both videos); 2. The Basics of Mineral Identification; 3. Weathering & Erosion Part 1; 4. Ore Deposits an Overview; and 5. APP_Videos 50 ea Total.	61	27	34

^{**}Video views for Jimmy King KOBI are from the NDOM YouTube site only**



STATE OF NEVADA COMMISSION ON MINERAL RESOURCES

DIVISION OF MINERALS

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EXECUTIVE SUMMARY AND MONTHLY ACTIVITY REPORTS

December 2024

<u>Legislation, Industry, and Public Relations:</u> The agency provided the Governor's Office comments on the 2024 Final Sage Grouse EIS for their consistency review. The agency attended and managed a booth at the annual American Exploration and Mining Association conference in Sparks. The Administrator participated in the Nevada Business Magazine Mining Roundtable discussion on mining in Nevada. The article will be published in February 2025. Participated in other various meetings and committees not mentioned above to include the Recharge Nevada, FRTC, SEC/SETT, IMCC, NAAMLP, NPS, NBMG, UNR, NvMA, NDEP, BLM, and various members of the public and minerals industry

<u>Abandoned Mine Lands (AML):</u> 2024 marked the 4th time in the AML program history to inventory and secure more than 1,000 hazards each. AML contractor EPS completed Mina safeguarding project including 90 sites in Mineral County. AML staff presented a technical talk at the 2024 AEMA conference on the topic of remediation success projects.

End-of-December AML statistics:

	SITES INVENTORIED	SITES SECURED	% Secured
Since 1987	26,020	21,314	81%
2024 To Date	1,018	1,121	100%

<u>Fluid Minerals:</u> Four sundries were processed for geothermal well activity. The annual geothermal invoices were generated and mailed out. One Geothermal Resource Development Permit was issued. One Geothermal Resource project area permit was issued.

FY 2025 Well Inspections							
	Total # of Wells	# Wells Needed for FY25 (1/3 of total)	Wells Inspected this month	# of Wells Inspected in FY25	Wells Remaining		
Geothermal	492	164	0	39	125		
Oil	122	41	0	0	41		
Totals	614	205	0	39	166		

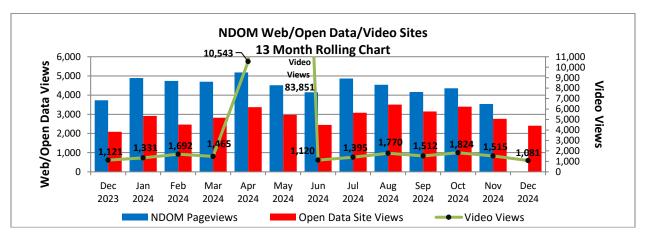
Bond Pool: Two statewide bonds were released in December.

Reclamation Bond Pool Status Report		Current to:	1/1/2025		
Plan-level Bonds -Company			Deposit +	% Bond	
Tan-level Bonus -company	Project	Bond Amount	Premiums	Whole	Comments
Allegiant Gold	Eastside	\$163,064.00	\$132,854.49	81.5%	
Dun Glen Mining	Dun Glen	\$371,138.00	\$403,192.73	108.6%	
Quartz Lake Mining	Red Rock Mill	\$712,867.00	\$493,288.67	69.2%	
TNT Ventures	Big Canyon	\$81,956.00	\$98,733.48	120.5%	
Western Mine Dev.	Victorine Mine	\$45,875.39	\$0.00	XX	terminated
Western Mine Dev.	Kingston Mill	\$100,450.00	\$0.00	XX	terminated
Statewide Notice-Level	Various	\$577,212.00	43 Notice Leve	el Bonds	
Total Bond Amount	Total Bond Amount				
Cash in Pool's Account (BSR Date: 12/2	\$3,178,454.12				
Unfunded Amount	-\$1,125,891.73				
Percent funded			154.9%		

<u>Minerals Education and Outreach:</u> Carol Shelton presented at Mitchell ES in Boulder City on the topics of mining, minerals, and AML. Ten classes were taught to a total of 145 students. Carol also developed an interactive high school presentation on the types of electrical energy sources, climate change, the Paris Agreement and energy transition. In total 393 in-person presentations were completed in 2024 and over 16,000 web-hosted video views.

Website/Open Data Site Activity:

	NDOM Website		NDOM Open Data Site	NDOM Video
Period	Pageviews	NDOM Website Top 5 Pageviews	Views	Views
Dec 2024	5	Geo Home, Mining Home, and Mining Claims webpage	2,401	1,081
Dec				
2023-Dec				
2024	53,377	*Unique View Stats are No Longer Available	37,380	110,220



<u>Financial, Personnel, and Safety:</u> The reserve balance at the end of December was \$3,793,304.00. The agency with GFO, ASD, and the Governor's Office to review and finalize the Division's FY26/27 budget before submitting to LCB for the upcoming session. The Division is fully staffed and there were no work safety incidents in December.

MONTHLY ACTIVITY REPORTS

December 2024

Administrator (Rob Ghiglieri):

- 1. With Lucia, finalized the Division's comments on the 2024 Final Sage Grouse EIS and provided them to the Governor's Office for their consistency review.
- 2. Attended the Nevada Abandoned Mine Lands Environmental Team annual meeting coordinated by Sean.
- 3. Attended AEMA's annual meeting in Sparks.
- 4. participated in the Nevada Business Magazine Mining Roundtable discussion on mining in Nevada. The article will be published in February 2025.
- 5. Attended the quarterly FRTC meeting at the Department of Agriculture office.
- 6. Attended the SEC/SETT meeting at NDOW headquarters.
- 7. Continued working on the NAAMLP/IMCC National Hardrock AML report with the goal of having a completed report by January 2025.
- 8. Participated in other various meetings and committees not mentioned above to include the Recharge Nevada, NPS, NBMG, UNR, NvMA, NDEP, BLM, and various members of the public and minerals industry.

Deputy Administrator (Garrett Wake):

- 1. December 2024 Bond Pool Activity:
- 2. Two statewide bonds were released.
- 3. Attended the third session of TOPCORP energy regulator training in Austin, TX over three days.
- 4. Attended the three-day Cambridge EnerTech Battery Raw Materials conference in Las Vegas,
- 5. Attended the one-day State of Nevada grant manager training in Las Vegas, NV.
- 6. Conducted AML field visits to two logged hazards and eight NV points within the Lake Mead National Recreation Area in preparation for a hard closure project.
- 7. Assisted OCIO with a beta test of their new OnBase monthly billing IT solution.
- 8. Extended the NBMG Soda Lake report contract from 12/31/24 to 6/30/25.
- 9. Attended the following: RAMS monthly database meeting, NvMA Education Committee meeting, Immigrations and Customs Enforcement meeting, Certified Project Manager meeting, McCaw Board meeting, IMCC Hardrock AML meeting, Bond Pool database phase 2 meeting.

December 2024 Bond Pool snapshot:

Reclamation Bond Pool Status Report		Current to:	1/1/2025		
Plan-level Bonds -Company	Project	Bond Amount	Deposit + Premiums	% Bond Whole	Comments
Allegiant Gold	Eastside	\$163,064.00	\$132,854.49	81.5%	
Dun Glen Mining	Dun Glen	\$371,138.00	\$403,192.73	108.6%	Delinquint; Termination Date 12/9
Quartz Lake Mining	Red Rock Mill	\$712,867.00	\$493,288.67	69.2%	
TNT Ventures	Big Canyon	\$81,956.00	\$98,733.48	120.5%	
Western Mine Dev.	Victorine Mine	\$45,875.39	\$0.00	XX	terminated
Western Mine Dev.	Kingston Mill	\$100,450.00	\$0.00	XX	terminated
Statewide Notice-Level	Various	\$577,212.00	43 Notice Leve	el Bonds	
Total Bond Amount		1	\$2,052,562.39		
Cash in Pool's Account (BSR Date: 12/20/24)			\$3,178,454.12		
Unfunded Amount			-\$1,125,891.73		
Percent funded			154.9%		

Chief, Abandoned Mine Lands Program (Sean Derby)

- 1. AML contractor EPS completed Mina safeguarding project including 90 sites in Mineral County
- 2. EPS also completed an emergency closure of a hazard in Douglas County.
- 3. AML provided project and budget projections for the 2025 calendar year to inform funding requests for the coming field season.
- 4. AML staff continue to correspond with claimants to track compliance and answer questions or provide further information for the biannual hazard notification.
- 5. AML staff met with NPS to coordinate site visits and prepare for a task agreement to permanently close 2 sites at NPS Lake Mead.
- 6. AML staff presented a technical talk at the 2024 AEMA conference on the topic of remediation success projects.
- 7. AML staff finalized a scope of work at the request of caliente BLM for a small scall environmental remediation project at an AML site in Lincoln County.
- 8. AML staff met with caliente BLM to discuss the Mt. Irish hard closure project.
- 9. AML staff completed data compilations for annual reports to BLM, USFS, and all Nevada Counties for AML work completed this calendar year.

	SITES INVENTORIED	SITES SECURED	% Secured
Since 1987	26,020	21,314	81%
2024 To Date	1018	1121	100%

AML Hard Closure Project Pipeline						
Planning Phase	Wildlife/Cultural Surveys in Progress	Surveys in Pending CX CX Received, Pending Closures Co		In Construction	Recently Completed	
Delamar, Lincoln County, 45 Hazards	WFO East; Elko, 24 hazards		Jarbidge, Elko, 9 Hazards		Frieberg; Lincoln, 25 hazards	
	361 NDOT, Mineral & Nye, 101 Hazards				Treasure Hill, Ely, 15 hazards	
	Kingston; Nye & Lander , 49 hazards			Caselton; Lincoln, 51 hazards	Ely 10 Mile; White Pine, 28 hazards	
	Maggie Summit; Elko , 10 hazards			Jumping Jack, Nye, 5 hazards	Cahill; Humboldt, hazards 24	

GIS/ Field Specialist (Lucia Patterson):

- 1. Updated Mining Claims, Plan-Notice, and ROW on Open Data Site.
- 2. Finished letter for Sage-Grouse protest.
- 3. Helped prep for and attended AEMA.

- 4. Attended several meetings including NMA Environmental Committee meeting, BLM meetings, and the SEC meeting.
- 5. Updated the claims to mines pyramid.
- 6. Presented the rock cycle activity at a Sparks elementary school for all second-grade classes.
- 7. Reviewed letters from IMCC.
- 8. Reviewed all projects on the BLM's eplanning site to determine which projects are actually still active and started giving all projects spatial representation for a new web app that will be complete in January.

Field Specialist (Rick Kauffman)

- 1. Attended the AEMA in Reno
- 2. Worked on AML photo process with Debbie and Lucia. This task is stalled due to the script needing to be updated by Layth. Debbie has been continuing to upload photos.
- 3. Set up Field Maps for the Winterns. This includes all ESRI offline data and paper maps for print. The areas include the NPS Bolder project, Como topo quad, and the Fortune 500 racetrack sites lined out as per Pete.
- 4. Created maps and verified BLM CRAC forms for the annual reporting.
- 5. Created maps for the annual County reports.
- 6. Created maps for the annual USFS reports.
- 7. Met with New Mexico Mining and Minerals Division on the US Min data review. This included details on our field processes and data analysis.
- 8. Moved furniture for new carpet in office.
- 9. Started annual QAQC on the SOSA data base.

AML/Fluid Minerals Field Specialist (Peter Engh):

- 1. Attended the TOPCORP Austin Training regarding underground injection 12/2-12/5
- 2. Processed several data requests for consultants
- 3. Gave an AML Update presentation to the Nevada Bat Working Group on 12/18
- 4. Worked on final data uploads from industry before the AML report
- 5. Emailed with a volunteer about gathering supplies for his gold panning class for the Southern Nevada workshop
- 6. Acquired 2 new Garmin messenger (satellite texting) devices for the interns
- 7. Updated wildlife recommendations for Hard Closure projects
- 8. Input securing data from claimants
- 9. Planned AML field weeks for the winter interns
- 10. Communicated with NDOW for access to Olinghouse
- 11. Met with NDEP regarding potential Good Sam projects after the law passed
- 12. Met with Arizona DEQ regarding methodology of field data collection

Fluid Minerals Program Manager (Dustin Holcomb):

- 1. Generate and mail out the annual geothermal invoices.
- 2. Respond to an inquiry regarding oil and gas well workovers.
- 3. Process 4 sundries for Geothermal well activity.
- 4. Issue 1 Geothermal Resource Development Well Permits.
- 5. Issue 1 Geothermal Project Area Permit.
- 6. Meet with NBMG to organize log sharing.
- 7. Prepare and deliver package of Soda Lake geothermal well history for NDEP-UIC program.

- 8. Follow up on Geothermal Power Plant reporting issues from previous months.
- 9. Review plans and schedule a meeting with the developer of a commercial heating well in the Steamboat geothermal field.
- 10. Complete annual mandatory training for State of Nevada Employees, on NV ELearn.
- 11. Begin mandatory training for supervisors on NV ELearn.

FY 2025 Well Inspections						
	Total # of Wells	# Wells Needed for FY25 (1/3 of total)	Wells Inspected this month	# of Wells Inspected in FY25	Wells Remaining	
Geothermal	492	164	0	39	125	
Oil	122	41	0	0	41	
Totals	614	205	0	39	166	

Well Drilling Operations					
Permit	Well	Operator	Field	Type	Status
1587	34(46)-3	Ormat	CRV	Ind-Prod	Completed
1596	74-10	Ormat	MGH	Obs.	Drilling
1601	85(86)-3	Ormat	CRV	Ind-Inj	Drilling

Project Manager (Keith Hayes):

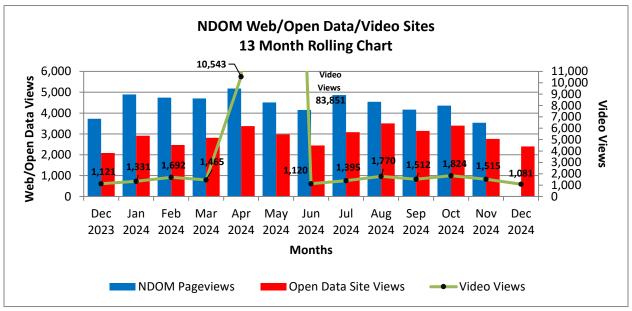
- 1. Attended AEMA Annual Meeting in Reno, NV (12/4-12/6).
- 2. Met with Ashley T. (NDEP BMRR Bureau Chief) at AEMA to discuss future NDEP BMRR participation at the Nevada booth at PDAC (12/5).
- 3. Took 2020 Dodge Ram to Fleet Services for service (12/10).
- 4. Attended meeting of NVMA Education Committee Meeting to discuss upcoming Workshops (12/10).
- 5. Met with BLM to discuss Kingston/Victorine closure project (12/10).
- 6. Taught a rocks and minerals class at Van Gorder Middle School in Sparks, NV (12/11).
- 7. Attended an internal meeting with Rob G., Garrett W., and Carol S. to discuss the Southern Nevada Workshop (12/17).
- 8. Ordered newly designed children's AML brochures from State Printing (12/12) which were received on 12/18.
- 9. Met with Becky H. (NVMA), Carol S., and Rob G. to discuss Workshop scheduling and grade level considerations (12/20).
- 10. Picked up 2020 Dodge Ram from Fleet Services after body work, oil change, and battery replacement were complete. Fleet Services has also ordered a new set of tires for the 2020 (12/27).
- 11. Began coordinating with Matt D. (NDEP BMRR) on a BMRR flyer to be distributed at PDAC in March (12/31).

AML/Public Outreach and Education – Southern Nevada Field Specialist (Carol Shelton):

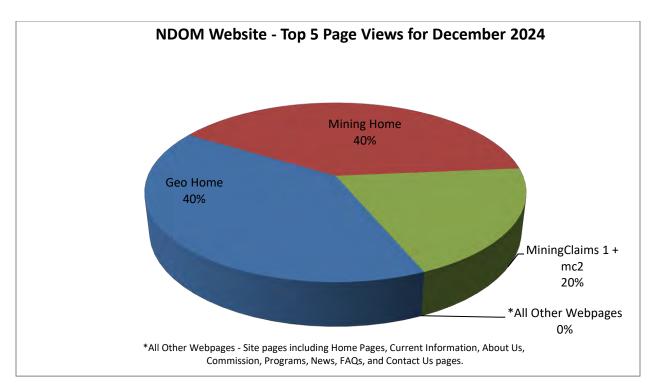
- 1. Presented at Mitchell ES in Boulder City on the topics of mining, minerals, and AML. Ten classes were taught to a total of 145 students.
- 2. Attended AEMA and attended a Mining Law class that was very informative.
- 3. Attended the NVMA Education Committee meeting
- 4. Met with NVMA to discuss the classes that will be offered during the Southern Nevada Earth Science Workshop and stressed the need to develop the schedule sooner than later.

5. Developed an interactive 80-minute high school presentation on the types of electrical energy sources, climate change, the Paris Agreement and energy transition.

Period	NDOM Website Pageviews	NDOM Website Top 5 Pageviews	NDOM Open Data Site Views	NDOM Video Views
Dec 2024	5	Geo Home, Mining Home, and Mining Claims webpage	2,401	1,081
Dec 2023-Dec				
2024	53,377	*Unique View Stats are No Longer Available	37,380	110,220



July 2023 stats going forward represent "Page View Stats" which include multiple views of the same webpage; Unique Pageview Stats is no longer available.



Top Visitors			
	Country	United States	
Dec-2024	State	Nevada and Oklahoma	
	City	Las Vegas, Spanish Springs, and Walters	

	Video Views in December 2024	<u>Top 5 Video Views</u>	<u>Dist</u> <u>Learn</u> <u>Trkr #</u> <u>of</u> <u>Classes</u>	No. NV 45%	<u>So.</u> <u>NV</u> <u>55%</u>
Without Jimmy King Videos	1,055	1. Mining in Nevada - 18:22 mins. (both videos); 2. Ore Deposits an Overview/The Basics of Mineral Identification; 4. Weathering & Erosion Part 1; and 5. Geologist Career Presentation.	42	19	23
With Jimmy King Videos	1,081	1. Mining in Nevada - 18:22 mins. (both videos); 2. Ore Deposits an Overview/The Basics of Mineral Identification; 4. Weathering & Erosion Part 1; and 5. Geologist Career Presentation.	43	19	24

^{**}Video views for Jimmy King KOBI are from the NDOM YouTube site only**

C.

