

# I. AGENDA



**JOE LOMBARDO**  
*Governor*

STATE OF NEVADA  
COMMISSION ON MINERAL RESOURCES  
**DIVISION OF MINERALS**  
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Carson City, Nevada 89703  
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**ROBERT GHIGLIERI**  
*Administrator*

**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:**  
LCB Legislative Hearing Rooms Building  
7120 Amigo St, Las Vegas, NV 89119

**Virtual:**  
<https://www.youtube.com/watch?v=ASW1HdnKmOk> or  
<http://nvharmony01/Harmony/en/PowerBrowser/PowerBrowserV2/2026016/-1/18044>  
Meeting ID: 850 1443 6220

Thursday February 19, 2026, at 10:00 A.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. Items on the agenda may be taken out of order, combined for consideration, removed from consideration, or delayed for discussion at any time.

**ROLL CALL**

**PLEDGE OF ALLEGIANCE**

**COMMENTS BY THE GENERAL PUBLIC**

**ACTION WILL NOT BE TAKEN**

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. To provide comments telephonically, dial 888-475-4499. When prompted, provide the meeting ID 850 1443 6220. Public comments may be limited to 5 minutes for each person.

**I. AGENDA**

**A. Approval of the Agenda**

**FOR POSSIBLE ACTION**

**II. MINUTES**

- A. Approval of the August 26, 2025 public workshop minutes (NACs 513, 519A, 522, and 534A)
- B. Approval of the November 13, 2025 meeting minutes

**FOR POSSIBLE ACTION**  
**FOR POSSIBLE ACTION**

**III. INTENT TO ACT UPON REGULATIONS**

- A. **NAC 513**
- B. **NAC 522**

**FOR POSSIBLE ACTION**  
**FOR POSSIBLE ACTION**

**IV. AGENCY BUSINESS**

- A. Lhoist Company Update  
- Tobias Konzmann
- B. AngloGold Ashanti Company Update  
- Joel Donalson
- C. Division of Minerals Educations & Outreach Update  
- Garrett Wake
- D. Agency Budget Update  
- Garrett Wake
- E. NMBG/CREG Update and Project Proposals  
- Simon Jowett
- F. Geothermal and NAC 534A Update  
- Dustin Holcomb
- G. AML Program Update  
- Sean Derby
- H. 2027 Agency BDR Concepts  
- Rob Ghiglieri
- I. Administrator Report  
- Rob Ghiglieri

**FOR DISCUSSION ONLY**

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**FOR POSSIBLE ACTION**

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**V. COMMISSION BUSINESS**

- A. Correspondence from the Commission
- B. Review of staff monthly activity reports
- C. Future meeting agenda items, location, and date

**FOR DISCUSSION ONLY**  
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**ADJOURNMENT**

**NOTICE TO PERSONS WITH DISABILITIES**

Members of the public who are disabled and require special accommodations or assistance at the meeting

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

## II. MINUTES

**A.**



JOE LOMBARDO  
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ROBERT GHIGLIERI  
Administrator

Tuesday, August 26, 2025

1:00 P.M.

**MINUTES**

Commission	Staff	Public
Josh Nordquist	Robert Ghiglieri	Leo Giangiacomo, Consultant (phone)
	Rebecca Tims	Wesley Adams, Zanskar Geothermal & Minerals, Inc (phone)
	Dustin Holcomb	Bill Ehne, Consulting Geologist
	Nicole Ting	Ann Garth, Clean Air Task Force
		Terra Rogers, Clean Air Task Force
		Vanessa Robertson, Geothermal Rising
		Brandon Law, Fervo Energy
		Caity Smith, XGS Energy
		Sheldon Bide, Fervo Energy
		Erica Freese, Ormat

**COMMENTS BY THE GENERAL PUBLIC**

There were no comments.

**I. Intent**

The Division of Minerals held a public workshop to update regulations on NACs 513, 519A, 522, and 534A. Administrator Ghiglieri provided an overview of the workshop process and intent. He then presented on the proposed changes to each regulation and concluded by explaining the next steps in the regulatory change process.

**II. NAC 513**

There were no public comments on NAC 513.

**III. NAC 519A**

There were no public comments on NAC 519A.

**IV. NAC 522**

A **Leo Giangiacomo** of the public made a comment regarding the release of natural gas. He stated if he releases one molecule of natural gas in the process of drilling a completion that he is in violation of regulations and feels that this is impractical. He stated there should be a minimal volume in which this kicks in at rather than any volume. **Wesley Adams** questioned the submittal of core and asked how much of the rock core needs to be slabbed and sent to the Division of

Minerals. **Administrator Ghiglieri** stated the core change is under NAC 522.15 which says a minimum of two 15 millimeter sets of cuttings per sample, interval must be cleaned, dried and placed in the sample envelopes, and the cuttings and core split to the Bureau of Mines and Geology, not to the Division of Minerals. Instead of as soon as possible or as soon as drilling of the well is complete, we now have within 90 days after the drilling of the well is complete. The change of the requirements of the drilling has not changed, the time frame for those requirements to the Bureau of Mines and Geology is what is being changed. **Bill Ehne** had a comment on the hydraulic fracking section that isn't addressed in these modifications. He thinks the process needs to be modified. It needs to be simpler for an operator to perforate a zone and stimulate the zone without going through the full hydraulic fracturing process that is outlined in the NRS. Maybe the volumes need to be changed. Leo gave him some language that he thought was good which was, the definition of hydraulic fracturing is the process of fracturing fluids into a specific rock strata at pressures exceeding the mechanical strength of the rock and at a rate high enough to spread the fracture and prop it open sufficient distance from the wellbore to enhance the permeability of the rock sufficient to the well and the well will produce economic quantities. The existing language says the process of pumping fluid in to or under the surface of the ground to create fracture in the rock to facilitate the production or recovery of oil and gas. That's onerous that you can't pump fluid into the formation to anticipate, the simple process is if you perforate a zone and you don't have any in-flow from the zone, you're perforating you have to clean those perforations out. To do that, you must pump something back into the formation, possibly something like dilute hydrochloric acid to clean up the cement. Sometimes it takes effort. I suggest there be some language in this that allows simple stimulation to a zone that is being tested for oil and gas. If you don't it is detrimental to the state. If an operator drills a well and they want to stimulate a specific zone that they hadn't anticipated before, it turns out that's no good but look we've got this really good-looking zone above, but we have not gone through the whole process of review and the review area. We just want to see if we can get something out of it. **Leo Gingiacomo** wants to back up some comments from Bill Ene. He does feel that the definition the legislation is such that you cannot build good regulations based on that definition. It is critical to work with the legislators to get that definition changed into something that is more workable and from that point we can build better regulations regarding the hydraulic fracturing process.

#### V. NAC 534A

**Ann Garth** is curious about the definition on recovery of fluids and wants to make sure the definition doesn't exclude projects that are happening in dry rock conditions where they are doing stimulation in order to recover more heat, but the fluids are not preexisting in the sub surface but are rather being introduced. **Tara Rogers** wants us to consider unique technologies that extract heat that do not require simulation. The suggestion or consideration she would bring to this body is consideration for the definition of next generation where it can embody various techniques including hybrids of stimulated and non-stimulated heat extraction techniques not requiring hydrothermal bodies. **Vanessa Robertson** wants to lean on what Tara said in recommending a whole other definition regarding next generation geothermal that addresses existing new generation technologies as closed loop, AGS, but a variety of technologies that are yet to be discovered or not in one bucket or another, and being able to open up the opportunities for operators and developers to take advantage of geothermal in Nevada. **Tara Rogers** from Clean Air Task Force, which is a global nonprofit focused on decarbonizing the energy sector. She states that they have focused on geothermal as a technology solution is because they believe it to be truly transformative at a scale that is hard to imagine today. Nevada is uniquely positioned to lead this industry both in technology and its people and labor. She is not going to comment specifically on the fees suggested, but rather to elevate how important it is that our online resources are adequate for those entering the sector to understand how to access it. The recommendation is to ensure that the fees are adequate to make this regulatory structure accessible and easy to manage. She expects this sector to grow quickly and Nevada to lead. **Dustin Holcomb** wanted to clarify that none of the fees that are being proposed will apply to applications that have been submitted now or until these regulations come into effect. **Administrator Ghiglieri** confirmed that these fee changes will not go into effect until after being codified by the legislature. We are looking at 6 months, at that point we will ensure that every operator and every application is aware when that change will take place on any fee changes as well as regulatory changes. **Josh Nordquist** wants to propose that on NAC 534.216(1) he is suggesting us to consider a longer timeline than thirty days before we assess the 5% percent fee to allow business processes today that seem to take sixty to ninety days to process before we bring in penalties. **Brandon Law** with Fervo said he understands the State's need to cover expenses for plugging abandoned orphaned wells. He wants to point out that the bond for operating across the state for Oil and Gas is \$50,000, this is six times that. The bond for a project area in Utah is \$50,000; this is six times that. The bond for a project area in California is \$100,000; this is three times that. **Josh Nordquist** commented on 534A.250(3) saying he assumes the thought process for increasing the bond to

three times the individual geothermal setup for wells is that the assumption that the depths will deeper and add significantly to the cost, is that right? **Administrator Ghiglieri** Yes. **Josh Nordquist** under 534A.465 under 4C the process of being made whole, I think it's understood, but do we need to define how that would work? Does it need to be defined whether the Division would send an invoice to the operator, or maybe related to that, is there a precedence on a similar process that other agencies take where we can repeat here to understand how that would work. **Caity Smith** with XGS Energy reiterates the comments that Vanessa and Tara stated earlier regarding all types of next generation geothermal activities. Only defining EGS or stimulation is going to result in this body having to turn around and do new regulations in the very near future and highly recommend including all next generation technologies during this effort. **Josh Nordquist** under subsection 5 in NAC 534A.540, section A should be "requesting to stimulate a previously drilled well". Under B, major modification to a "stimulation" permit not "simulation". Under C, restimulate a previously stimulated well, I would suggest adding "not previously permitted". I am just thinking through the process of whether an operator has a permit, they have a time in which they could produce a number of stimulations in there and this of course assumes that that permit is expired or completed. **Bill Ehne** I think that the streamline method for getting information and logs and data from these wells is critical to the state. Some logs are difficult to get digitally. More importantly, he would like to address something that hasn't been addressed and that would be 534A.031, which has to do with the confidentiality of logs that are turned in for geothermal wells. Currently it's five years. I think that's onerous for a lot of companies and what it leads to is if a company doesn't submit those logs, after 5 years someone goes through the files and looks through the logs and finds that they didn't turn in anything, and then the company has disappeared and you are unable to get the logs. I have been in Nevada working with these regulations since 1985. I recall the 5-year confidentiality period being lobbied for and approved but it should be in line with the oil and gas regulations, which are 6 months. That way it allows people to come in and look at the logs and see that they weren't turned in and have them turned in. The language should include that if all the information hasn't been turned in, they don't get any permits. Something that encourages the operator to turn in the data. When the file goes public, it's missing critical data and that data is really important for exploration activities in Nevada. The other thing the language should include is that the operator can ask for a 6-month extension maybe as many times as they want but if they haven't turned in all the information on that well, they don't get the extension. **Vanessa Roberts** states that to be consistent with other timelines she is suggesting 60-90 days as opposed to the 30-day timeline for operators to gather all the appropriate paperwork to submit. **Josh Nordquist** noticed in the definitions they are very similar to NAC 522 but noting that the sampling area and the area of review are essentially the same definition, maybe there is a way to simplify that a bit. He is also looking at section 3 in the stimulation-based sampling and monitoring exceptions, we should be watching and thinking about what the timeline looks like for operators and developers to work through the sampling process and baseline process to have a clear idea of what that time period looks like to not be burdensome. **Administrator Ghiglieri** asked if he is talking about induced seismicity baseline monitoring forecasts and risk-based monitoring plan, correct? **Josh Nordquist** Correct. I'll go back it was on the exceptions section not the plan section, I missed that part. Subsection 3 under there, the general comment is making sure we are looking at the overall timeline that the operators will be working through to set base lines and permit and to the point of execution or drilling. Under the exceptions section, subsection 8, noting that this section is also similar to NAC 522. Noting in 8b, which is the same language as 522, but maybe to consider how that can be better defined. There may not be enough history to understand where the water quality is trending and subsequent samples. Under the "plan" section, subsection 2, 1, five years of regional seismic events, I am wondering if we should define this as the publicly available data that is the assumed intent, it's available through USGS or other sources. In subsection 2, it talks about two miles of the area of review, and this is a comment that was used elsewhere, within two miles of the area of review, the area of review is defined as a one-mile radius perimeter around the track of the well. Is this intent to be a two-mile radius, or for clarity, one mile plus two miles? **Administrator Ghiglieri** One mile plus two miles. The reason we went with two miles, we were referencing back to a few other recommendations seeing that in other areas there is induced seismicity that can be triggered up to ten miles away, however, Nevada is a seismically active state. Understanding that this is close proximity, we wanted to make sure we are keeping it realistic, what is a potential of the project, so that two mile buffer was what we decided as a good intermediate so it would be the one mile area of review plus a two mile buffer, so a three mile area or six mile span across if you're on a horizontal well in the cross section. Showing there is potential to keep it specific to that area and not be pulling in regional seismic events that are constantly happening. I think having at least 5 years of regional seismic events that way will be helpful, so we have a better understanding of what the potential impacts of that stimulation is to the surrounding areas but not to go so far out that we are potentially capturing events that were just naturally seismic events in the region because, it is the state of Nevada. **Josh Nordquist** suggests either defining it as a 3 mile radius from the well

as defined either by the area of review or say area of review plus two miles. **Sheldon Bide** said the stimulation baseline sampling and monitoring section, in terms of the water samples from the available waters, it's six to twelve months out and then three to four years out, and that seems to be based on the concept of a single stimulation. In EGS applications we might have multiple stimulations of multiple wells from the same well pad perhaps over a year or two years and so I wouldn't want to see a cascading serious of samples. I think one way to resolve that would be add a section where an administrator can approve a plan proposed by the applicant that would meet those needs. So, we wouldn't have fifty monitoring events when four monitoring events could meet the intent of the statute. **Erica Freeze** echoed some of what Josh mentioned. Not so much in the water component, but under the under induced seismicity just to consider that installation of that infrastructure can have impacts to the timeline due to the amount of federal land that we have. I know BLM has methods for working through that that shouldn't be cumbersome, but it does add to the timeline. Also under that section, induced seismicity baseline monitoring, 1c, I would suggest a definition of region or regional. I am not a seismic person but if that's well known that's great but if not, I think it could be fairly subjective as to how far out that goes. Under section 3 where it's talking about the different light colors, it talks about two miles of the project area. I think your intent was two miles of the area of review, so just making sure that the language is consistent. **Josh Nordquist** asked if the light system is not currently in NAC 522? **Administrator Ghiglieri** No it is not. **Josh Nordquist** where did it come from? **Administrator Ghiglieri** the red-light system was what we found from doing research on enhanced geothermal. It was recommended under the DOE recommendations for induced seismicity plans. The concept behind a traffic light system is that we are not setting individual parameters per regulations right now, what we have proposed in there is an example. We state there that it will be determined on a project-by-project basis based on regional and background history. Not a whole statewide system. **Erica Freeze** under number 4, the Division must be notified within 24 hours, and sections "a" and "b" about other notifications, I can see those being kind of onerous depending on how many landowners or permittees, trying to contact all of those people within 24 hours, but if that is the expectation or the intent, I understand. **Administrator Ghiglieri** those are what we are trying to come up with and what would be realistic in the geothermal and the new geothermal technologies. This is a conversation we would like to have with everybody here of the ten-mile radius. We are looking at that in a traditional geothermal setting where most geothermal plants are not generally next to a population, however, there are multiple geothermal plants, like Steamboat, where a ten-mile radius of steamboat could be potentially 100,000 people for notification. With that, we would like to remind that there is an opportunity for additional comments or feedback for suggested changes to this or examples or good practice from other states or other regulations that we have seen on that radius. **Leo Giangiacomo** was just curious if there's any consideration of temperature when testing those casings **Administrator Ghiglieri** said currently there is no requirement for temperature but that is something we will look at with the concept for some of these new geothermal technologies getting super-hot and ability for the casing to handle those temperatures. **Tara Rogers** said in their own research, we have found that cyclicals in the thermal cycling of casing can also be significantly destructive to its ability to maintain its integrity and structure so consideration for thermal cycling in addition to temperature. **Josh Nordquist** there is page on the NDOM website about the chemicals that are approved by the Division and I assume that's consistent with the frackfocus.org database or is that two separate databases? **Administrator Ghiglieri** there are two separate databases. There is a dataset that we use, and we reference back to the frack focus, and we have a running list of what has been used and what has been approved in the state of Nevada. If there is a proposed additive to a stimulations process and we don't have it on our list, you can provide it to us and we'll do cross reference and then go through the process of reviewing and approving. **Josh Nordquist** said this is in NAC 522 under oil and gas, is that process working and does it relate to any other agencies that may be connected to these chemicals that operators are using? **Administrator Ghiglieri** currently for the 522, there hasn't been a proposed stimulation in quite a few years. The process was before I was the administrator and did work through that; it was acceptable at that point in time for the operator that was stimulating the state of Nevada for oil and gas. With relationship to other agencies in that process, we have an MOU with them that we have been slowly working on updating but getting that process to where that list is recognized by them, is the intent of this code change. **Erica Freeze** a follow up question on that Rob, if there is an MOU with the other agency which I am going to assume is NDEP, is there a separate permit or approval that has to come from them as well? **Administrator Ghiglieri** said, for this, the intent of this regulation is to where this would be for stimulation activities, this would be the approval process, and there would not be another permit through the Division of Environmental Protection. Again, this is the workshop process on that and we need to obviously quadruple verify that process, but that is the intent of these regulations, to where they would stay for stimulation activities within the Division of Minerals. Once stimulation has occurred, and the operators are looking to do their general geothermal operations and inject and produce fluids, at that time the injection will be handled by UIC's

program at NDEP. **Bill Ehne** said he thinks one of the reasons that you haven't seen a lot of permits for oil and gas, is because they are onerous and I think maybe dividing up and making it a little more simple to do a test well. I see these regulations being adequate for production scale things but maybe there should be a modification or some exceptions for tests wells or exploratory wells because you really don't know what you're going to do until you've got that first well in the system.

**COMMENTS BY THE GENERAL PUBLIC**

There were no comments.

**ADJOURNMENT**

The meeting adjourned at 2:38 PM.

DRAFT

**B.**



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ROBERT GHIGLIERI  
Administrator

Thursday, November 13, 2025

1:00 P.M.

**MINUTES**

Commission	Staff	Public
Josh Nordquist	Robert Ghiglieri	Fred Dillinger
Arthur Henderson	Rebecca Tims	Simon Jowitt
Nigel Bain	Garrett Wake	Beatriz Maquez Garcia
Stephanie Hallinan	Lucia Patterson	Ernesto Cuenca
Bob Felder	Lorraine Belt-Dolan	Kevin Vindel
Randy Griffin Via Zoom	Nicole Ting	
Bob Potts Via Zoom	Daniel Marlow	

**CALL TO ORDER**

1:00 PM by Josh Nordquist

**Roll Call**

All commissioners were present.

**COMMENTS BY THE GENERAL PUBLIC**

There were no comments.

**I. Agenda**

- A. Approval of the Agenda  
Agenda item IV.G under Agency Business was moved to Agenda Item IV.C.  
**Motion to approve the agenda made by:** Stephanie Hallinan  
**Seconded by:** Arthur Henderson  
**Unanimously approved**

**II. Minutes**

- A. Approval of the meeting minutes from the August 7, 2025, meeting  
**Motion to approve the minutes made by:** Bob Potts  
**Seconded by:** Bob Felder  
**Unanimously approved**

**III. Intent to Adopt Regulation**

Robert Ghiglieri updated the commission on the proposed permanent regulation change to NAC 519A as LCB File R051-25. The purpose of the revisions is to reduce the financial burden of operators applying for participation to the Bond Pool. The public workshop was held on Tuesday, August 26<sup>th</sup> at the legislative building. Changes to NAC 519A were not received.

The bond pool holds relatively small bonds with a cap of \$3M per project. The main point of the bond pool is for small exploration projects. The Division reached out to all bond pool participants on the changes and received no comments. There were no comments after the public workshop. There is no perceived negative small business impact due to this change. The next step is submission to the legislative commission for adoption. **Bob Potts** asked if we received any comments or concern from the legislature. **Rob Ghiplieri** stated we received no comments or feedback from the legislature. These changes align with the governor's directive to streamline regulations. We identified this change three years ago and decided to make the change after the governor's office asked us to identify additional regulations to streamline.

**Motion to Approve:** Bob Felder

**Seconded by:** Art Henderson

**Unanimously Approved**

#### IV. Agency Business

##### A. NvMA Update

**Amanda Hilton** updated the commission on current happenings from the NvMA. Amanda said the NvMA recently updated their mission statement. The association recently onboarded over 200 new members. Workforce development is the current focus of the association. NvMA served as the united voice for the mining industry during the last legislative session and works with the state's federal delegation. Amanda noted the passage of AB 277, which allows the net proceeds of minerals bulletin to again be published. NvMA is again cosponsoring the annual teacher workshops on March 16-17 in southern Nevada and June 17-18 in Northern Nevada. NvMA had over 900 attendees at their annual convention which was a record. Amanda noted that the state is lacking in processing facilities for critical minerals. Amanda concluded by reporting on mining's beneficial impacts on the state and asked for questions.

**Randy Griffin** asked if anyone identified any rare earth minerals within Nevada's borders? **Amanda Hilton** said she is not aware of any minerals that are classified as rare earth minerals within our borders. Amanda said she met with the Army research lab and they provided a list of their minerals that they are looking for and that every branch of the military is looking for different minerals. The army research lab gave a list of 10 different minerals and Nevada has resources for at least four of those. **Simon Jowitt** said there is one exploration project down by searchlight and that there is other potential in the state. **Nigel Bain** said that Turquoise Ridge is the biggest employee group between Sacramento and the state line. The next group is Winnemucca. He says there is a pull coming from Northern California. **Amanda Hilton** said when we were doing our strategic communications plan, we were identifying areas where we could find mid-level career folks. The reason we chose Northern California is because the cost of living is higher and that there are opportunities for anyone who is at any stage in their career to work in the mining industry.

##### B. Thorium Presentation

**Fred Dillinger** presented thorium and general energy issues. He said that talent is also a problem in energy and is the first topic discussed. He said US energy demand is going to skyrocket due to AI, transportation electrification, and quantum computing. Regulations are a major factor limiting nuclear power plants right now. We know how to run a light-water reactor very well but not thorium; India can do this, and China is working on it as well. One benefit of thorium reactors is that they do not need to be shut down to add fuel, it generates less radioactive waste and is walk-away safe. Advantages of thorium include greater abundance and enhanced safety; disadvantages include less understanding of the fuel cycle and lack of infrastructure. Recent reactor developments include Microsoft's development of Three Mile Island and Holtec in the Palisades. Fusion is being worked on and is an engineering challenge right now. Lithium is necessary to create tritium for fusion. Fred asked for questions.

**Josh Nordquist** said SMR's (Small Modular Reactors) have been a hot topic and asked what is your take on the current development? **Fred Dillinger** replied when he talks to people in the field, it is all smoke and mirrors. Small module reactors will eventually scale up and they inherently produce more waste. The department of energy is going to call some of these companies and ask them to show why they are not going to produce more waste. We have about 93,000 tons of spent nuclear fuel from our existing inventory of reactors that we have not found a

repository for and to complicate it by adding different fuel types or waste forms would not be great. We will be reading a guest column soon by former Sen. Richard Bryan concerning this. **Josh Nordquist** stated that big topic is the large increase in electrical needs and the lack of infrastructure and asked how this is discussed in this industry. **Fred Dillinger** said they are squeezed with personnel; the best people are being syphoned off by fusion. There's a great presentation from Mark Mills from the Manhattan Institute talking about moving from a fluid-based transportation system to solids based and this will have huge mining impacts. **Randy Griffin** asked what's the status of what kind of reactor that Bill Gates' Terra power is. **Fred Dillinger** it's a molten salt reactor that can be fueled with thorium. **Randy Griffin** asked if it is very large. **Fred Dillinger** said the plant is about 500 megawatts. **Robert Ghiglieri** asked if there is an estimated amount of lithium and the grade that is needed. **Fred Dillinger** said the lithium that is used in car batteries is lithium 3, and lithium needed for fusion is lithium 5. He is going to Talk to John Elling of Molten Salt Industries about what that would take because we would be very interested in having a lithium processing facility up by Thacker Pass. **Bob Felder** said you mentioned thorium being more abundant in the earth's crust than uranium, and maybe this is a question for Simon, but monazite occurs in silicic igneous rocks, is it like gold, 3ppb in the ocean and we'll never get it out or is there a concentration mechanism. **Simon Jowitt** said there's deposits in heavy mineral sands like in Australia, India, Florida. The Australians just bury it and say it's a natural occurring radioactive material, we don't want it and we're not going to use it. They wrote a paper six or seven years ago about all the rare earth elements essentially being buried there as waste. India is stockpiling it. There are monazite units at Mountain Pass that aren't being used. There's no demand yet. **Bob Felder** said that another issue is delivering the materials to reactors.

#### C. Ormat Update

Josh Nordquist provided the commission with updates from Ormat. Ormat has operated for 45 years in Nevada and opened Nevada's first geothermal power plant. 80% of revenue today is from electricity sales. They also sell products and store energy, as well as solar energy production. **Art Henderson** asked what the sales point is for energy storage. **Josh Nordquist** said there are several marketed products, one is energy, buy low and sell higher. **Nigel Bain** asked if that's what drove Ormat into this space, to store solar energy. **Josh Nordquist** said that stored energy doesn't cross borders, it's always within the generated market. Projected growth in the industry seemed to fit their model. **Nigel Bain** asked about an energy storage plant in California that caught fire. **Josh Nordquist** wasn't sure what happened there, but overheating is a technological challenge. Ormat is vertically integrated, they handle most parts of the industry themselves, including having their own drill rigs and crews. Ormat acquired the Blue Mountain facility last year and acquired the geothermal assets of Enel NA. There is significant geothermal buildout across the world and Ormat supplies products for the industry. **Bob Felder** asked if California still leads the US in geothermal production. **Josh Nordquist** confirmed this. AI industries and data centers are motivating the geothermal industry to grow. Most Nevada geothermal electricity is exported to California where they pay a higher rate, and the proceeds return to Nevada. This is starting to shift back. **Rob Ghiglieri** asked what the Nevada renewable energy goal was by 2035 and asked if this is a factor. He believes it is 30%. **Josh Nordquist** believes that is the number. **Art Henderson** asked if you could consume too much heat from the reservoir to where it isn't useful. **Josh Nordquist** said that on-demand generation can ramp up and ramp down operations. Heat brought to the surface can be sent back if not needed. **Art Henderson** thinks that geothermal energy is near the top of the list for best energy. **Josh Nordquist** said commercial energy is targeted around 7,000 ft. deep but new technology is doubling that with enhanced or augmented geothermal or combined as next generation geothermal. **Nigel Bain** asked about the definition of enhanced geothermal. **Josh Nordquist** said he classifies this as new technology that doesn't rely on permeability, only heat. **Art Henderson** asked what the minimum size of a geothermal plant. **Josh Nordquist** said they're targeting around 10 – 30 Megawatt (MW) but next generation geothermal may target 100 MW or more. **Art Henderson** asked what the price per MW is. **Josh Nordquist** said public data shows around \$4 - 4.5M per MW. The grid system in the west is currently not robust to accept the power the nation needs. **Nigel Bain** mentioned the interlinking of the northern and southern Nevada grids. **Josh Nordquist** said this was huge for the geothermal industry in the state because it allowed access to southern Nevada and the California markets. **Nigel Bain** said that the Cortez mine needed to notify the power company when they started their mill because of the limited power supply in the area. **Josh Nordquist** said that line that runs to Ely was fully consumed before it was built. **Rob Ghiglieri** said it's the same with Greenlink. **Josh Nordquist** said federal permitting has been faster and federal investments have helped the industry grow. Next generation geothermal may expand US geothermal capacity 20 times by 2050. **Rob Ghiglieri** said the USGS reported last year that estimated next generation

geothermal may produce around 130 GW in the great basin alone. **Josh Nordquist** said this technology should be selling electricity in Utah from Fervo Energy this year. **Bob Felder** asked how investors are paid, whether through equity or royalties. **Josh Nordquist** said there is a lot of venture capital, Ormat is a public company driven by stock price. There is a royalty side on the technology side and by landholders. The percentage is fairly low, around two percent to five percent. He doesn't recall if it's gross or net. Josh asked if there were questions.

D. Agency Budget Update

**Garret Wake** briefed the commission on the Division of Minerals current budget. The agency has around \$4.1M cash on hand at the time of the presentation. This tracks closely with the previous few fiscal years. The Division closed the fiscal year receiving about one percent less in mining claim filing fees than the previous fiscal year. Esmeralda county's fourth quarter fiscal year payment was still outstanding at this time. **Rob Ghiglieri** noted that the agency budgeted for a five percent decrease in claim fees. The price of gold has maintained our fees. **Garrett Wake** said the agency is down about two percent for mining claim fees at this time in fiscal 2026 from last year. **Rob Ghiglieri** noted that our largest expenditure categories are personnel and AML enhancement for contract work. He noted that the AML work is going slower this year due to permitting. **Garrett Wake** finished by showing the Reclamation Performance Bond Pool status which is running a surplus. **Nigel Bain** asked about reclaiming some of the projects that have been terminated. **Rob Ghiglieri** said that we have plans to do so and did complete work at the Kingston Mill and are awaiting a formal letter from the BLM for the completed work. No further questions.

E. Open Data Site Update

**Lucia Patterson** provided recent updates to the Open Data Site. Lucia added a mineral reservation and case recordation search to the site. The Claims by County dashboard will show claims by county, notices, plans of operation, and other data. A Critical Minerals dashboard shows USGS critical mineral data for the US and Nevada specific data. Lucia showed how to use the Mineral Reservation and Case Recordation areas of the open data site. **Stephanie Hallinan** asked how often the BLM updates their data. **Lucia Patterson** said she isn't sure but she thinks they update it often. Lucia pulls the data every month. Lucia hopes to show the AML aspect of a mining exhibit being created at the Nevada State Museum at the next commission meeting. She showed the web apps that have been added to the current mining exhibit at the museum. Lucia built a web app to add context to the Mining Regulatory Clarity Act showing the fees that go to the BLM and the general fund from mining claim fees. No further questions.

F. Recent Copper and AML Reports

**Robert Ghiglieri** went over the recent copper report and hardrock AML report. Rob said that the copper report is a starting point for siting copper processing facilities. The report shows the economics currently support a regional copper processing facility. Rob said he met with the Nevada federal delegations in Washington DC last week and they were very interested. Rob said the AML report is also a high-level report talking about the nationwide hardrock abandoned mine lands situation. It is meant for the public and policy makers to inform. Rob mentioned that hardrock AML remediation may be a good source of critical minerals through waste reprocessing. He asked Simon Jowitt how much the Nevada Bureau of Mines and Geology receives from the USGS to study this. **Simon Jowitt** said \$300,000 per year to characterize as many sites as they can, about a dozen sites a year, with two people working on it. **Rob Ghiglieri** said there needs to be more funding to this program to inventory sites. He said he had meetings with staffers from both the house and senate on this as well as members of the EPA. Rob said that the Governor's Finance Office asked about feasibility of investment into Nevada for defense related mining and processing. Rob said the Division would assist with this and also referred them to the NBMG. Another request came from Debbie Struhsacker was the evaluation of state and federal policies and the correlation, if any, between timelines of permitting and mineral production. Nigel Bain recommended we look into an oil infrastructure study and the governor's office created a task force to investigate changes to refineries in California and impacts on Nevada. These are future areas the commission and Division could become involved to provide expertise and knowledge. **Art Henderson** said the changes in oil infrastructure will affect every Nevadan. **Rob Ghiglieri** said that Senator Cortez Masto's office was focused on the MRCA and how many mill site claims will be created. There are some amendments looking at how to access revenue to fund the AML program. If 10% of the

mining claims are converted to mill sites at \$200 each it creates \$40M in funding. **Nigel Bain** mentioned the disruption to the mining industry when Barrick tried to push an increase in claim fees. **Rob Ghiglieri** said these fees would be on claims for companies that were at or near production which would cause less burden.

G. NBMG/CREG Update and Project Proposals

**Simon Jowitt** provided updates on the Nevada Bureau of Mines and Geology (NBMG) and proposals for projects. NBMG is budgeting for a jump in grant expenditures in 2026. Simon discussed the staffing of the bureau and recent publications, including publications like the Soda Lake study and others supported or funded by the Division of Minerals. **Rob Ghiglieri** said that Senator Rosen asked about how to get better data for mineral exploration. **Simon Jowitt** said that every dollar spent on precompetitive data yields roughly 50 to 100 dollars of return. He then discussed the Center for Economic Geology (CREG) and its personnel and funding. Simon highlighted recent media coverage of critical minerals where he was interviewed as a subject matter expert. He said that research capacity is a challenge, that UNLV currently has more economic geologists than UNR. Simon discussed recent federally funded geophysical data acquisitions such as Earth MRI. The 30<sup>th</sup> anniversary of CREG is in 2026. Potential projects the commission could assist with include a Nevada Explorer's Manual, metallogenic maps, mineral statistics compilation, geological map compilation, impact of mining on Humboldt county, publication of two mining education activities, and critical mineral maps. Simon asked for questions.

**Bob Felder** said that compiling precompetitive data would compliment the major mines publication except we don't have access to the data here. **Simon Jowitt** thinks it could be done with difficulty. Metallogenic maps would be a good start. **Rob Ghiglieri** said there are inconsistencies with historic mineral reporting data. **Simon Jowitt** said there are reports that go back to the 80s that conflict with current published data. **Bob Felder** said the level of support you are getting at the state level is ridiculous. **Simon Jowitt** said the university seems to focus on engineering **Robert Ghiglieri** said he has a meeting with provost Thompson, and he wants to discuss how is there opportunities to bring in federal funding and personnel at CREG at NBMG to help facilitate these opportunities. **Simon Jowitt** said Brian Sandoval has officially said that there is going to be some sort of critical minerals center set up at the University. **Robert Ghiglieri** said having one economic geologist in the entire bureau at that level is holding back so many opportunities for additional students, grants, and revenue in general. This administration works on what is ready right now, they don't want to hear about what's ready next year. **Simon Jowitt** said they have a good reputation to build on and just need to be brought back to the level they were at when he arrived; people are leaving and not replaced. **Robert Ghiglieri** asked the commission how to proceed with the proposals. **Bob Felder** said he would like to see them prioritized attach a budget. **Simon Jowitt** said he isn't looking for a blank check. without feedback, he don't know if he is proposing the right projects. **Bob Felder** said he would review the projects in the next few days and send you a priority list. **Nigel Bain** said the companies are not hiding the information but they're not publishing it either. **Bob Felder** said it's such a problem here. The juniors and the individuals were concerned that their data is their advantage and the majors feel the same way, and they have big data sets that are more important. I would really support certain timeline after a project is done or after a mine goes into production that data has to go into the public domain. **Bob Felder** said there is never a price tag on the data, companies always want a royalty and that doesn't work. **Simon Jowitt** said that Earth MRI and the potential issues coming up, unless we think there is more support for it, we're basically going to end up in a situation where we have 10 million dollars per year for the entire country. They're useful for more than just mineral exploration.

H. Language Access Plan

**Garrett Wake** went over the renewal for the Language Access Plan. The Division revised it's Language Access Plan (LAP) to respond to non-English speaking individuals that access the Division's resources as required by NRS 232. **Art Henderson** asked if there was a requirement for people to be a US citizen or legal resident to access the Division's resources. **Garrett Wake** responded there was not. **Rob Ghiglieri** stated that many or most agencies needed to update their plans to conform to statute. **Garrett Wake** said the checklist had tasks that would be difficult to achieve.

I. Administrator Report

In September the governor had a critical mineral summit in Las Vegas and Rob participated in a panel discussion. The Division received all its data back from the statewide data breach. The AML program worked with the Washoe County search and rescue team to train on AML rescue. We have a new cooperative agreement to do AML work on National Park Service land pending task agreements. The Good Samaritan project is moving forward, we anticipate being one of the first applicants to receive funding. The EPA is supportive of Nevada and Colorado's projects. There are some legal issues to deal with that are being worked through due to NSHE owning the land. If it doesn't work, we could still have industry fund the project. We did an internal review of all agency positions and job duties. We were approved a 13<sup>th</sup> FTE this legislative session and moved two employees into more accurate positions. Rob and Lucia visited Washington DC for the Interstate Mining Compact Commission; he had with 11 meetings with staffers and one briefing surrounding mineral resources. We awarded three reclamation awards this year and the Division created a video highlighting the awards. There is a senate natural resources committee hearing to review BLM land use planning under FLPMA. HR4009 is a bill we're watching which move executive orders into law, and HR 4779, the SPEED act, which limits the legal litigation duration from six years to 150 days. The Mining Schools Act still seems dead in the water. No questions. Rob introduced the Division's newest employee, Lorrain Belt-Dolan, Las Vegas office administrative assistant.

## **V. Commission Business**

### **A. Election of Vice Chair**

Stephanie Hallinan was selected as Vice Chair by the Chairman. Stephanie Hallinan accepted the role.

### **B. Correspondence from the Commission**

There was no correspondence from the commission.

### **C. Review of Staff Monthly Reports**

There were no comments.

### **D. Future Meeting Agenda Items, Location, and Date**

Next meeting agenda items include conceptual BDR's for 2027 and are due March 26<sup>th</sup>, 2026 and NAC 534A regulation changes. The next commission meeting is scheduled for February 19<sup>th</sup>, 2026 in Las Vegas.

## **COMMENTS BY THE GENERAL PUBLIC**

There were no comments.

## **ADJOURNMENT**

The meeting adjourned at 5:10 PM.

## **NOTICE TO PERSONS WITH DISABILITIES**

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

### **III. INTENT TO ACT UPON REGULATIONS**

**A.**



**JOE LOMBARDO**  
*Governor*

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**  
*Administrator*

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

## NOTICE OF INTENT TO ACT UPON A REGULATION

### Notice of Hearing for the Amendment of Regulations under the Commission on Mineral Resources, as proposed in LCB File No. R050-25

The Commission on Mineral Resources will hold a public hearing at 10:00 a.m., on the 19<sup>th</sup> day of February of 2026, at the following locations:

**Physical Location:**                    **Legislative Counsel Bureau, Legislative Hearing Rooms**  
7120 Amigo St.  
LV Committee Room 3  
Las Vegas, NV 89119

**Virtual Meeting Access:**

The meeting may be viewed electronically through an internet connection by accessing the following link:

<https://www.youtube.com/watch?v=ASW1HdnKmOk>

**To provide comment, please dial by phone: 888-475-4499 Meeting ID: 850 1443 6220**

#### Hearing Information:

The purpose of the hearing is to receive comments from all interested persons regarding the amendment of regulations that pertain to chapter 513 of the Nevada Administrative Code.

The following information is provided pursuant to the requirements of NRS 233B.0603:

**1. The need for and the purpose of the proposed regulation or amendment.**

The need for the proposed amendment is to allow the Division of Minerals to compile and publish annual status and production reporting earlier in the year.

**2. For a temporary regulation, the terms or the substance of the proposed regulation to be adopted, amended or repealed, or a description of the subjects and issues involved.**

This regulation is not a temporary regulation; it is a permanent regulation.

**3. For a proposed regulation, a statement explaining how to obtain the approved or revised text of the proposed regulation.**

A copy of this notice and the regulation to be amended will be on file at the State

Library, Archives and Public Records, 100 Stewart Street, Carson City, Nevada, for inspection by members of the public during business hours. Additional copies of the notice and the regulation to be adopted, amended, and/or repealed will be made available at the Nevada Division of Minerals, 400 W. King St. #106, Carson City, NV 89703, and at the Nevada Division of Minerals Las Vegas Office, 375 E. Warm Springs Rd. #205, Las Vegas, NV 89119, for inspection and copying by members of the public during business hours, and on our website at [minerals.nv.gov](http://minerals.nv.gov).

**4. The estimated economic effect of the regulation on the business which it is to regulate and on the public.**

There are no estimated immediate or long-term economic effects on regulated small businesses.

**5. The methods used by the agency in determining the impact on a small business.**

The agency solicited comments on the potential effects of the regulation by emailed survey to mining companies and interested parties; and through public comment during a public workshop held on 8/26/25 at the Nevada State Legislature Building, 401 South Carson Street, Carson City, NV 89701.

**6. The estimated cost to the agency for enforcement of the proposed regulation.**

There is no estimated additional cost to the agency for enforcement of the proposed regulation.

**7. A description of and citation to any regulations of other state or local governmental agencies which the proposed regulation overlaps or duplicates and a statement explaining why the duplication or overlapping is necessary. If the proposed regulation overlaps or duplicates a federal regulation, the notice must include the name of the regulating federal agency.**

The proposed regulation does not overlap or duplicate any known federal, state or local government agency regulations.

**8. If the regulation is required pursuant to federal law, a citation and description of the federal law.**

The proposed regulation is not required pursuant to federal law.

**9. If the regulation includes provisions which are more stringent than a federal regulation that regulates the same activity, a summary of such provisions.**

The proposed regulation is not more stringent than any known federal regulation that regulates the same activity.

**10. Whether the proposed regulation establishes a new fee or increases an existing fee.**

The proposed regulation does not establish a new fee or increase an existing fee.

**11. For a temporary regulation, each address at which the text of the regulation may be inspected and copied.**

This regulation is not a temporary regulation; it is a permanent regulation.

Persons wishing to comment upon the proposed action of the Commission on Mineral Resources may appear at the scheduled public hearing or may address their comments, data, views, or arguments, in written form, to Nevada Division of Minerals, 400 W. King St. #106, Carson City, NV 89703, or by email at [ndom@minerals.nv.gov](mailto:ndom@minerals.nv.gov). Written submissions must be received by the Division of Minerals on or before 7:00 AM on the date of the public hearing. If no person who is directly affected by the proposed action appears to request time to make an oral presentation, the Division of Minerals may proceed immediately to act upon any written submissions.

A copy of this notice and the regulation to be adopted, amended, and/or repealed will be on file at the State Library, Archives and Public Records, 100 Stewart Street, Carson City, Nevada, for inspection by members of the public during business hours. Additional copies of the notice and the regulation to be adopted, amended, and/or repealed will be available at the Nevada Division of Minerals, 400 W. King St. #106, Carson City, NV 89703, and at the Nevada Division of Minerals Las Vegas Office, 375 E. Warm Springs Rd. #205, Las Vegas, NV 89119, for inspection and copying by members of the public during business hours, and on our website at [minerals.nv.gov](http://minerals.nv.gov). This notice and the text of the proposed regulation are also available in the State of Nevada Register of Administrative Regulations, which is prepared and published monthly by the Legislative Counsel Bureau pursuant to NRS 233B.0653, and on the internet at <http://www.leg.state.nv.us/>. Copies of this notice and the proposed regulation will also be mailed to members of the public at no charge upon request.

Upon adoption of any regulation, the agency, if requested to do so by an interested person, either before adoption or within 30 days thereafter, shall issue a concise statement of the principal reasons for and against its adoption and incorporate therein its reason for overruling the consideration urged against its adoption.

This notice of hearing has been posted at the following locations:

- Nevada Division of Minerals, 400 W. King St. #106, Carson City, NV 89703
- Nevada Division of Minerals, 375 E. Warm Springs Rd. #205, Las Vegas, NV 89119
- Capitol Building, 101 North Carson Street, Carson City, NV 89701
- On the Internet at: <http://minerals.nv.gov> and <https://notice.nv.gov>

**PROPOSED REGULATION OF THE  
COMMISSION ON MINERAL RESOURCES**

**LCB File No. R050-25**

December 11, 2025

EXPLANATION – Matter in *italics* is new; matter in brackets ~~(omitted material)~~ is material to be omitted.

AUTHORITY: §§ 1 and 2, NRS 513.063.

A REGULATION relating to mines; revising requirements concerning the confidentiality of certain information submitted to the Administrator of the Division of Minerals of the Commission on Mineral Resources; revising the date upon which certain annual reports are required to be submitted to the Administrator; and providing other matters properly relating thereto.

**Legislative Counsel’s Digest:**

Existing law requires the Commission on Mineral Resources to adopt regulations to carry out the duties of the Commission and the Division of Minerals of the Commission. (NRS 513.063)

Existing regulations set forth procedures by which a person who submits certain information to the Administrator may assert a claim requesting that the information be kept confidential. With certain exceptions, existing regulations require information for which such a claim is asserted to be kept confidential. Existing regulations prohibit the Administrator from classifying certain information as confidential including, among other information, information required to be submitted to the Administrator that relates to the annual production of the commodity. (NAC 513.070) **Section 1** of this regulation creates a limited exception from that prohibition for certain production information under certain circumstances. Under **section 1**, if a person, on or before April 15 of any year, submits to the Administrator information concerning the annual production of the commodity for the immediately preceding year, the person may assert a claim at the time of submission requesting that the information be kept confidential. If a person asserts such a claim at the time of submission, **section 1** requires the information to be kept confidential until April 15 of that year. **Section 1** maintains the prohibition against classifying information concerning the annual production of the commodity as confidential for any such information submitted to the Administrator for which a claim is not asserted.

**Section 2** of this regulation revises, from April 15 of each year to February 16 of each year, the date upon which each operator of a mine is required to submit to the Administrator a report relating to the annual status and production of the mine for the preceding calendar year.

**Section 1.** NAC 513.070 is hereby amended to read as follows:

513.070 1. Except as otherwise provided in subsection 4, any information submitted to the Administrator pursuant to the provisions of NAC 513.010 to 513.120, inclusive, may be classified as confidential by the person submitting the information. If the person submitting the information wishes the Administrator to consider the information confidential, the claim must be asserted at the time of submission by stamping or writing “confidential business information” on each page containing the information.

2. If a claim is asserted, the information so kept must remain confidential except that the information may be used in connection with other data if use of that information would not disclose the identity of the confidential information.

3. If a claim is not made at the time of submission, the Administrator may make the information available to the public without further notice.

4. The Administrator will not classify as confidential any information required to be submitted to him or her pursuant to the provisions of NAC 513.010 to 513.120, inclusive, if the information relates to:

(a) The name and address of the person conducting the operation of the mine;

(b) ~~The~~ *Except as otherwise provided in subsection 5, the* annual production of the commodity;

(c) The amount of the tax on the net proceeds of a mine and the amount of the tax on the property of the operation; or

(d) The number of persons employed by a mine.

*5. A person who, before April 15 of any calendar year, submits information to the Administrator relating to the annual production of the commodity for the immediately preceding year may assert a claim at the time of submission in accordance with subsection 1*

*requesting that the Administrator consider the information to be confidential. If such a claim is asserted at the time of submission, the information must be kept confidential until April 15 of the year in which the information is submitted. On and after that date, the information is no longer confidential.*

**Sec. 2.** NAC 513.120 is hereby amended to read as follows:

513.120 On or before ~~April 15~~ *February 16* of each year, each operator shall submit to the Administrator a report relating to the annual status and production of the mine for the *immediately* preceding calendar year.

**B.**



**JOE LOMBARDO**  
*Governor*

STATE OF NEVADA  
COMMISSION ON MINERAL RESOURCES  
**DIVISION OF MINERALS**  
400 W. King Street, Suite 106  
Carson City, Nevada 89703  
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**ROBERT GHIGLIERI**  
*Administrator*

## NOTICE OF INTENT TO ACT UPON A REGULATION

### Notice of Hearing for the Amendment of Regulations under the Commission on Mineral Resources, as proposed in LCB File No. R052-25

The Commission on Mineral Resources will hold a public hearing at 10:00 a.m., on the 19<sup>th</sup> day of February 2026, at the following locations:

**Physical Location:**                    **Legislative Counsel Bureau, Legislative Hearing Rooms**  
7120 Amigo St.  
LV Committee Room 3  
Las Vegas, NV 89119

**Virtual Meeting Access:**

The meeting may be viewed electronically through an internet connection by accessing the following link:

<https://www.youtube.com/watch?v=ASWIHdnKmOk>

**To provide comment, please dial by phone: 888-475-4499 Meeting ID: 850 1443 6220**

#### **Hearing Information:**

The purpose of the hearing is to receive comments from all interested persons regarding the amendment of regulations that pertain to chapter 522 of the Nevada Administrative Code.

The following information is provided pursuant to the requirements of NRS 233B.0603:

**1. The need for and the purpose of the proposed regulation or amendment.**

The need for and purpose of the proposed amendment is to update technical references that pertain to oil and gas well drilling and completion and streamline, clarify, reduce or otherwise improve oil and gas regulations.

**2. For a temporary regulation, the terms or the substance of the proposed regulation to be adopted, amended or repealed, or a description of the subjects and issues involved.**

This regulation is not a temporary regulation; it is a permanent regulation.

**3. For a proposed regulation, a statement explaining how to obtain the approved or revised text of the proposed regulation.**

A copy of this notice and the regulation to be amended will be on file at the State Library, Archives and Public Records, 100 Stewart Street, Carson City, Nevada, for inspection by members of the public during business hours. Additional copies of the notice and the regulation to be adopted, amended, and/or repealed will be made available at the Nevada Division of Minerals, 400 W. King St. #106, Carson City, NV 89703, and at the Nevada Division of Minerals Las Vegas Office, 375 E. Warm Springs Rd. #205, Las Vegas, NV 89119, for inspection and copying by members of the public during business hours, and on our website at [minerals.nv.gov](http://minerals.nv.gov).

**4. The estimated economic effect of the regulation on the business which it is to regulate and on the public.**

There are no estimated immediate or long-term economic effects on regulated small businesses.

**5. The methods used by the agency in determining the impact on a small business.**

The agency solicited comments on the potential effects of the regulation by emailed survey to oil and gas producers within the state and through public comment during a public workshop held on 8/26/25 at the Nevada State Legislature Building, 401 South Carson Street, Carson City, NV 89701.

**6. The estimated cost to the agency for enforcement of the proposed regulation.**

There is no estimated additional cost to the agency for enforcement of the proposed regulation.

**7. A description of and citation to any regulations of other state or local governmental agencies which the proposed regulation overlaps or duplicates and a statement explaining why the duplication or overlapping is necessary. If the proposed regulation overlaps or duplicates a federal regulation, the notice must include the name of the regulating federal agency.**

The proposed regulation does not overlap or duplicate any known federal, state or local government agency regulations.

**8. If the regulation is required pursuant to federal law, a citation and description of the federal law.**

The proposed regulation is not required pursuant to federal law.

**9. If the regulation includes provisions which are more stringent than a federal regulation that regulates the same activity, a summary of such provisions.**

The proposed regulation is not more stringent than any known federal regulation that regulates the same activity.

**10. Whether the proposed regulation establishes a new fee or increases an existing fee.**

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This regulation is not a temporary regulation; it is a permanent regulation.

Persons wishing to comment upon the proposed action of the Commission on Mineral Resources may appear at the scheduled public hearing or may address their comments, data, views, or arguments, in written form, to Nevada Division of Minerals, 400 W. King St. #106, Carson City, NV 89703, or by email at [ndom@minerals.nv.gov](mailto:ndom@minerals.nv.gov). Written submissions must be received by the Division of Minerals on or before 7:00 AM on the date of the public hearing. If no person who is directly affected by the proposed action appears to request time to make an oral presentation, the Division of Minerals may proceed immediately to act upon any written submissions.

A copy of this notice and the regulation to be adopted, amended, and/or repealed will be on file at the State Library, Archives and Public Records, 100 Stewart Street, Carson City, Nevada, for inspection by members of the public during business hours. Additional copies of the notice and the regulation to be adopted, amended, and/or repealed will be available at the Nevada Division of Minerals, 400 W. King St. #106, Carson City, NV 89703, and at the Nevada Division of Minerals Las Vegas Office, 375 E. Warm Springs Rd. #205, Las Vegas, NV 89119, for inspection and copying by members of the public during business hours, and on our website at [minerals.nv.gov](http://minerals.nv.gov). This notice and the text of the proposed regulation are also available in the State of Nevada Register of Administrative Regulations, which is prepared and published monthly by the Legislative Counsel Bureau pursuant to NRS 233B.0653, and on the internet at <http://www.leg.state.nv.us/>. Copies of this notice and the proposed regulation will also be mailed to members of the public at no charge upon request.

Upon adoption of any regulation, the agency, if requested to do so by an interested person, either before adoption or within 30 days thereafter, shall issue a concise statement of the principal reasons for and against its adoption and incorporate therein its reason for overruling the consideration urged against its adoption.

This notice of hearing has been posted at the following locations:

- Nevada Division of Minerals, 400 W. King St. #106, Carson City, NV 89703
- Nevada Division of Minerals, 375 E. Warm Springs Rd. #205, Las Vegas, NV 89119
- Capitol Building, 101 North Carson Street, Carson City, NV 89701
- On the Internet at: <http://minerals.nv.gov> and <https://notice.nv.gov>

**PROPOSED REGULATION OF THE  
DIVISION OF MINERALS OF THE  
COMMISSION ON MINERAL RESOURCES**

**LCB File No. R052-25**

October 27, 2025

EXPLANATION – Matter in *italics* is new; matter in brackets ~~omitted material~~ is material to be omitted.

AUTHORITY: §§ 1-10, NRS 522.040.

A REGULATION relating to natural resources; adopting by reference certain specifications and standards relating to the drilling, casing and cementing of wells; eliminating the requirement that certain applications be accompanied by a location plat which satisfies certain criteria; specifying the period of time by which certain sample cuttings and splits of cores must be submitted to the Bureau of Mines and Geology of the State of Nevada for the approval of a drilling permit; revising certain duties of an operator of an oil or gas well; eliminating certain limitations on the use of gas from an oil well; revising requirements for the filing of certain surveys and reports; repealing unnecessary definitions; and providing other matters properly relating thereto.

**Legislative Counsel's Digest:**

Existing law: (1) requires the Division of Minerals of the Commission on Mineral Resources to adopt regulations to effectuate the purposes of chapter 522 of NRS, governing oil and gas; and (2) authorizes the Division to require certain persons to make and file reports, logs and surveys relating to oil and gas wells. Existing law also authorizes the Division to require the drilling, casing and plugging of wells in such a manner to prevent: (1) certain escapes of oil or gas; (2) certain water intrusions; (3) pollution of fresh water supplies; and (4) blowouts, cavings, seepages and fires. (NRS 522.040)

**Section 1** of this regulation adopts by reference certain American Petroleum Institute specifications and standards relating to the drilling, casing and cementing of wells.

Existing regulations require a person to apply to and obtain a permit from the Division before any well is spudded in or drilled for oil or gas. Existing regulations require the application to be made on certain forms and accompanied by the required fee and a location plat prepared by a land surveyor licensed in Nevada. (NAC 522.210, 522.495) **Sections 2 and 7** of this regulation eliminate the requirement that an application be accompanied by a location plat that satisfies certain criteria.

Existing regulations require, as a condition for the approval of a drilling permit, certain sample cuttings and a split of any core taken to be submitted to the Bureau of Mines and Geology of the State of Nevada as soon as the drilling of a well is complete. (NAC 522.215)

**Section 3** of this regulation requires the cuttings and any sample taken to be submitted to the Bureau not later than 90 days after the date on which the drilling of the well is complete.

Existing regulations impose certain duties on an operator of an oil or gas well. (NAC 522.232) **Section 4** of this regulation: (1) updates the editions of certain specifications prescribed by the American Petroleum Institute which must be met by casings; (2) eliminates a requirement that an operator of an oil or gas well must notify the Division if any casing or casing material has been previously used in a hydraulic fracturing operation or in any other oil or gas well; and (3) revises the address of an Internet website at which an operator may obtain information on the types of spills which must be reported to the Division of Minerals and the Division of Environmental Protection of the State Department of Conservation and Natural Resources.

**Section 5** of this regulation changes the edition of the specifications prescribed by the American Petroleum Institute which must be met by well control and wellhead assemblies used in an oil or gas well.

Existing regulations limit the use of gas from an oil well to certain enumerated purposes. (NAC 522.345.) **Section 6** of this regulation eliminates such limitations.

Existing regulations require two copies of logging surveys run in a wellbore by an operator to be filed with the Division. (NAC 522.510) **Section 8** of this regulation authorizes a single electronic copy, in lieu of two paper copies, of the logging surveys to be filed with the Division.

Existing regulations require: (1) a report of the production and sales of all oil, gas and water to be filed in quadruplicate with the Division on or before the last day of the month following the month for which the report is made; and (2) two copies of the report to be filed with the State Treasurer with the remittance of the production tax. (522.515) **Section 9** of this regulation: (1) requires the filing with the Division of an electronic or paper copy; and (2) eliminates the requirement that two copies of the report be filed with the State Treasurer.

**Section 10** of this regulation repeals definitions that are repetitive of statutes applicable to the provisions of certain existing regulations relating to natural resources. (Chapter 522 of NAC)

**Section 1.** Chapter 522 of NAC is hereby amended by adding thereto a new section to read as follows:

*1. The Division hereby adopts by reference API Specification 5CT, "Casing and Tubing," Eleventh Edition, which is available from the American Petroleum Institute at the Internet address <https://www.apiwebstore.org>, for the price of \$345.*

*2. The Division hereby adopts by reference API Specification 10A, "Cements and Materials for Well Cementing," Twenty-Fifth Edition, which is available from the American Petroleum Institute at the Internet address <https://www.apiwebstore.org>, for the price of \$197.*

*3. The Division hereby adopts by reference API Standard 53, "Well Control Equipment Systems for Drilling Wells," Fifth Edition, which is available from the American Petroleum Institute at the Internet address <https://www.apiwebstore.org>, for the price of \$195.*

**Sec. 2.** NAC 522.210 is hereby amended to read as follows:

522.210 1. Before any well is spudded in or drilled for oil or gas, application must be made to and a permit obtained from the Division.

2. The application must be made on Form 2, properly completed and accompanied by Form 1 ~~1~~ *and* the required fee. ~~and a location plat prepared by a land surveyor licensed in Nevada.~~ Evidence of a federal bond for drilling on a federal lease must be included in the space provided on Form 2. The source and estimated volume of water required for drilling each well must be included with the application.

3. If the well is to be drilled on state or private land, Form 3 or 3a, properly completed, must accompany the application.

4. The Division will, upon the approval of an application for a permit to drill or a sundry notice (Form 4) for a permit to conduct a hydraulic fracturing operation, make a copy of the permit available on the Internet website maintained by the Division.

**Sec. 3.** NAC 522.215 is hereby amended to read as follows:

522.215 The taking of cuttings and the filing thereof is a condition for approval of the drilling permit, and this condition will be stated on the permit. A minimum of two 15-milliliter sets of cuttings per sampling interval must be cleaned, dried and placed in sample envelopes, and the cuttings and a split of any core submitted to the Bureau of Mines and Geology ~~as soon as~~ *not later than 90 days after the date on which* the drilling of the well is complete. The Bureau shall remove a 15-milliliter set and place the set in permanent storage. The rest of the cuttings

must be made available for public inspection and testing at that time or, if the records concerning the well are to be kept confidential pursuant to NAC 522.540, upon the expiration of the period of confidentiality. Destructive tests may be performed on the cuttings made available for public inspection and testing. The Administrator of the Division must be notified by the Bureau of any sample envelopes containing less than 5 milliliters of cuttings.

**Sec. 4.** NAC 522.232 is hereby amended to read as follows:

522.232 An operator of an oil or gas well shall:

1. Maintain a copy of the approved drilling permit at the site of the well during the operation of the well, including, without limitation, during the stages of drilling, hydraulic fracturing, reconditioning and completion.

2. Not less than 24 hours before a well is spudded for oil or gas, notify the Division by telephone or electronic mail.

3. Not less than 24 hours before installing or cementing casing, installing any equipment for the prevention of a blowout or conducting a formation integrity test, notify the Division by telephone or electronic mail.

4. Ensure that the casing installed in the well meets the minimum specifications for casing prescribed by the American Petroleum Institute in *API* Specification 5CT, ~~["Specification for Casing]~~ "*Casing* and ~~[Tubing, Ninth Edition,]"~~ *Tubing, Eleventh Edition*, or by its successor organization, or as may be otherwise prescribed by the Administrator.

5. ~~[Notify the Division if any casing or casing material has been previously used in a hydraulic fracturing operation or in any other oil or gas well.]~~

~~—6.]~~ Ensure that the cementing of each casing string meets the minimum specifications prescribed by the American Petroleum Institute in *API* Specification 10A, ~~["Specification for~~

~~Cements~~ “*Cements* and Materials for Well ~~{Cementing, Twenty-Fourth Edition,}~~ *Cementing,*” *Twenty-Fifth Edition*, or by its successor organization, or as may be otherwise prescribed by the Administrator.

~~{7.}~~ 6. Store and contain all materials at the site of the well in a safe and orderly manner.

~~{8.}~~ 7. Manage spills or releases in the manner prescribed by the Division of Environmental Protection pursuant to chapter 445A of NRS and chapter 445A of NAC.

~~{9.}~~ 8. Except as otherwise provided in subsection 3 of NAC 522.728, contain all liquids that are returned to the surface and discharged from the wellbore in the manner prescribed by the Division of Environmental Protection pursuant to chapter 445A of NRS and chapter 445A of NAC. A reserve pit for drilling liquids must not subsequently be used for the discharge of wellbore liquids during the testing of the well without the prior approval of the Administrator.

~~{10.}~~ 9. If an unintentional mechanical failure of the well or an uncontrolled flow or spill from the well site occurs, immediately notify:

(a) The Division at the telephone number of the Division.

(b) The Division of Environmental Protection at the spill reporting hotline maintained on its Internet website.

↪ An operator may obtain information on the types of spills which must be reported pursuant to this subsection at the Internet website ~~{[http://ndep.nv.gov/BCA/spil\\_rpt.htm](http://ndep.nv.gov/BCA/spil_rpt.htm).}~~ <https://ndep.nv.gov>.

**Sec. 5.** NAC 522.234 is hereby amended to read as follows:

522.234 1. An operator shall take all precautions which are necessary to keep wells under control and operating safely at all times. Well control and wellhead assemblies used in an oil or gas well must meet the minimum specifications for assemblies prescribed by the American

Petroleum Institute in *API* Standard 53, ~~["Blowout Prevention]~~ *"Well Control* Equipment Systems for Drilling ~~[Wells, Fourth Edition,]"~~ *Wells," Fifth Edition*, or by its successor organization, or as may be otherwise prescribed by the Administrator.

2. Equipment for the prevention of a blowout which is capable of shutting in the well during operation must be installed on the surface casing and maintained in good operating condition at all times. The equipment must have a rating for pressure greater than the maximum anticipated pressure at the wellhead. The equipment must include casing outlet valves with adequate provisions for mud kill and bleed-off lines of appropriate size and working pressure.

3. An operator shall test the equipment for the prevention of a blowout under pressure immediately after installing the casing and the equipment at the wellhead. A representative of the Division must observe the test in person or otherwise approve the results of the test before the operator drills the shoe out of the casing. An operator shall notify the Division not less than 24 hours before conducting a test pursuant to this subsection.

4. The operator shall submit to the Division the pressure data and supporting information for the equipment for the prevention of a blowout as soon as practicable after the conclusion of the test. The operator shall record the results of each test in the daily drilling log of the operator.

**Sec. 6.** NAC 522.345 is hereby amended to read as follows:

522.345 1. ~~{Gas from an oil well may be used for:~~

~~—(a) Light or fuel;~~

~~—(b) Efficient manufacture of chemicals;~~

~~—(c) Reinjection to increase the ultimate recovery of hydrocarbons or for storage;~~

~~—(d) The extraction of liquid hydrocarbons from the gas if the gas is not wasted; or~~

~~—(e) The artificial lifting of oil from a pool if all gas returned to the surface is then used without waste.~~

~~—2.} No gas from a gas well may be permitted to escape into the air without the approval of the Division except:~~

- ~~(a) When required for safety;~~
- ~~(b) When required for initial testing of a well; or~~
- ~~(c) To lift oil artificially from a pool in cases of operational necessity if the escape is permitted for no more than 5 days within any 30-day period.~~

~~{3.} 2. The disposition of gas produced by each gas well must be reported each month on Form 7.~~

**Sec. 7.** NAC 522.495 is hereby amended to read as follows:

522.495 ~~{1.}~~ A person who desires to drill any oil or gas well must file Form 2, properly completed, with the Division.

~~{2.—The location plat required by this section must be of convenient size, and must have the location of the proposed well within a 40-acre legal subdivision by an accurate course and distance tie to an established corner of a section or quarter section. The plat must contain a full description of the corner to which the tie is made, together with all markings thereon. Ties to offset section or quarter corners on township lines must also show the nearest corner of the adjoining township together with the offset distance. Lots within a lotted section must be shown and designated. The plat must indicate the method used in obtaining all bearings and must show the declination used for compass bearings and the source of the bearing if an angle is turned from a line of known bearing. The person who prepares the plat must note on the plat whether solar or polaris observations have been used.}~~

**Sec. 8.** NAC 522.510 is hereby amended to read as follows:

522.510 1. Form 5, the well completion report, must be filed for all wells drilled in Nevada within 30 days after drilling operations are completed. In the case of a dry hole, this report may accompany Form 4. If production will not begin within 30 days after drilling operations are completed:

(a) Form 5 is not required to include information regarding the production of the well; and

(b) An additional Form 5 must be filed with the Division within 30 days after production begins at the well that includes information regarding the production of the well.

2. ~~{Two}~~ *Except as otherwise provided in this subsection, two paper* copies of all logging surveys run in the wellbore by the operator must be filed with the Division. *In lieu of filing two paper copies, a single electronic copy of the logging surveys may be filed with the Division.*

3. The Division will file ~~{one}~~ *a copy* of the ~~{sets}~~ *of the logging surveys* with the Bureau of Mines and Geology. The copy at the Bureau will be available for public inspection when the records are no longer confidential.

**Sec. 9.** NAC 522.515 is hereby amended to read as follows:

522.515 1. ~~{A}~~ *An electronic or paper copy of a* report of the production and sales of all oil, gas and water must be filed ~~{in quadruplicate}~~ with the Division on or before the last day of the month following the month for which the report is made. ~~{Two copies of the report must be filed with the State Treasurer with the remittance of the production tax. One copy must be retained by the producer.}~~

2. All wells on a production status or shut-in for any part of the month must be included in the monthly report.

**Sec. 10.** NAC 522.078 and 522.708 are hereby repealed.

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**TEXT OF REPEALED SECTIONS**

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**522.078 “Division” defined. (NRS 522.040)** “Division” means the Division of Minerals of the Commission on Mineral Resources.

**522.708 “Hydraulic fracturing” defined. (NRS 522.040, 522.119)** “Hydraulic fracturing” has the meaning ascribed to it in NRS 522.0275.

# **IV. AGENCY BUSINESS**

**A.**

# Lhoist Company Update

TOBIAS KONZMANN – VP & GM WEST DIVISION  
FEB 19, 2026

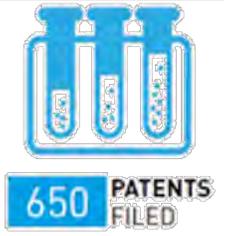


# Lhoist is a world leader in lime, dolime, and minerals with a large network of plants, terminals, and quarries

More than  
**135**  
Plants & terminals



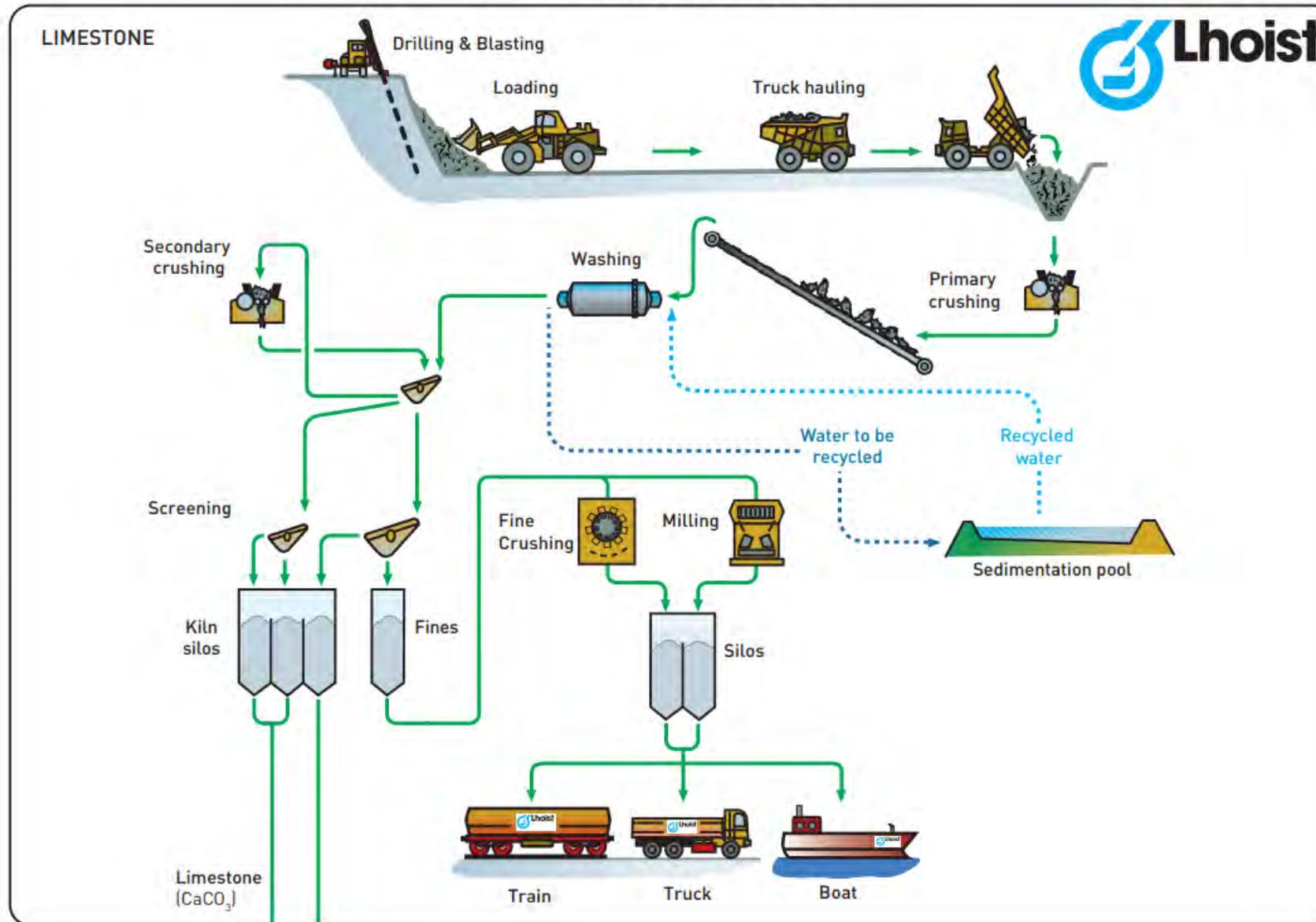
**6,500**  
Employees



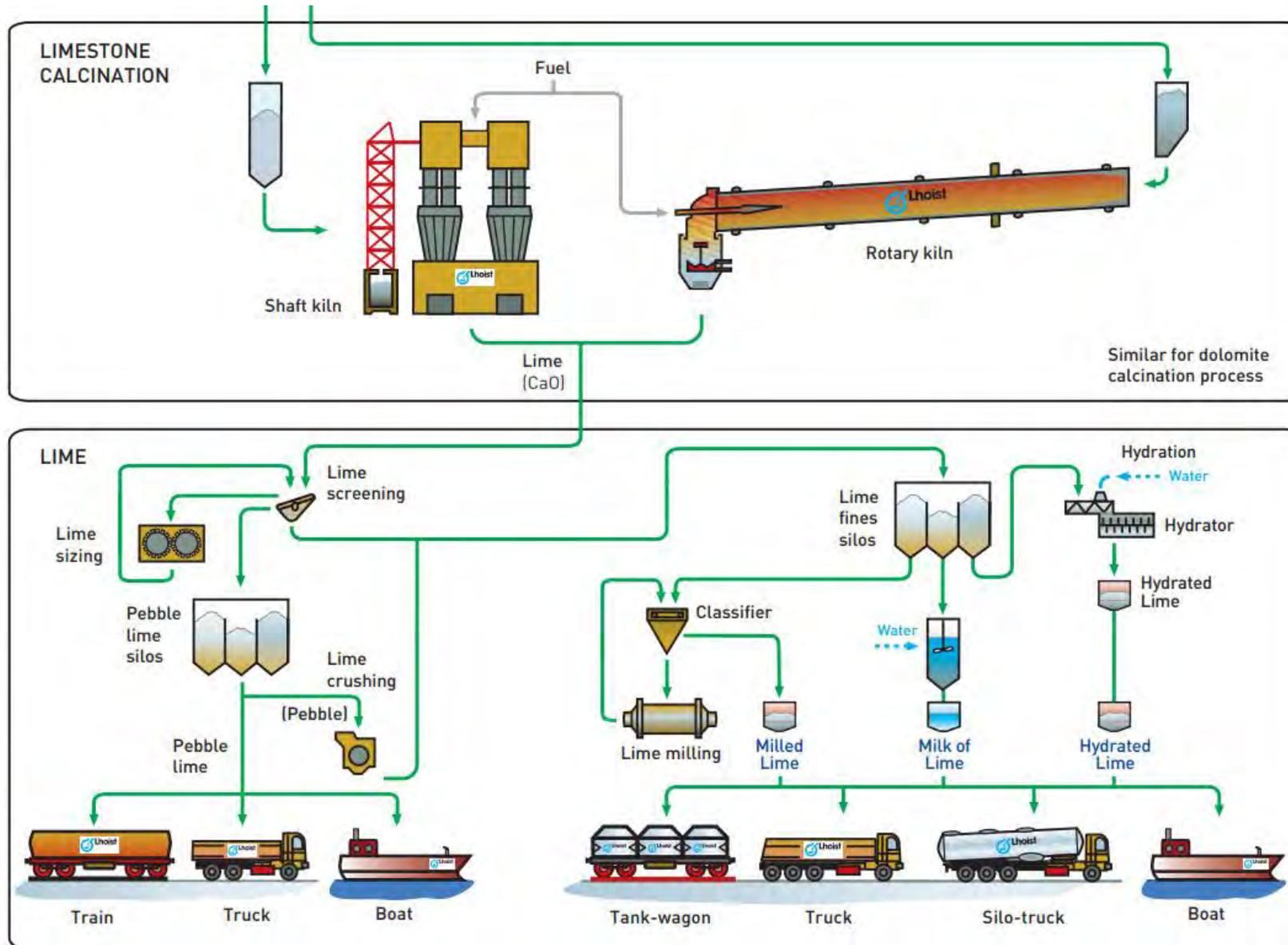
- **Quarries, plants, and offices**  
*Quarries and/or plants are mostly fully owned by Lhoist. Stone processing and calcination plants are usually adjacent to quarries. Head office is owned and regional offices are owned or rented.*
- **Terminals and remote locations**  
*Lhoist's extensive terminal network, owned and rented, allows Lhoist to leverage rail, road and water transportation and supply distant customers.*

Note: indicative map i.e. plants and terminals not exhaustively represented.

## LIME PRODUCTION PROCESS



# Lime production process (2/2)



# Lhoist North America produces burnt or calcined products (lime and dolime) and unburnt minerals

## Calcined products



### Standard:

- Lime (i.e. quicklime) (pebble, fines)
- Burnt dolomite (dolime) (pebble, fines)
- Hydrated lime

### Specialty:

- Lime slurry
- High porosity hydrated lime
- Formulated products



## Mineral products



- Limestone (crushed, ground, milled)
- Dolomite (crushed, ground, milled)
- Clay and others

# Our lime and minerals are essential in numerous applications (1/2)



## Steel

- Lime, burnt dolomite and mineral products act as key purifying and protecting agents in steel production.
- Lime and hydrated lime are also used as binder in the pelletizing and sintering process.



## Flue Gas Treatment

- Lime and limestone support vital industries by absorbing and neutralizing acidic compounds from waste gases.
- Specialty products eliminate emissions of hazardous pollutants (dioxins, furans, heavy metals).



## Roads & Civil Works

- Lime strengthens soil structure for infrastructure projects.
- Lime is also an important addition to asphalt, improving its durability and safety.



## Water Treatment

- Drinking water, wastewater and industrial waters are treated with lime for purification and pH adjustment before being reused.
- Sludge at sewage plants is treated with lime to be recycled into safe fertilizer used by farmers.



## Building

- Lime acts as essential binding and rising agent sand lime bricks and aerated autoclaved concrete production.
- Low-grade limestone is commonly used as aggregate in concrete and other building-related applications.



## Agriculture

- Farmers use lime and minerals to balance the pH of the soil as to maximise their crop yields.
- Calcium and magnesium, from high-purity minerals are essential for animal feed & health.

## Our lime and minerals are essential in numerous applications (2/2)



### Paper

- Lime is used to produce precipitated calcium carbonate (PCC), which acts as a brightening, opacifying and bulking agent in high-quality papers
- It is also used in the Kraft paper process to regenerate sodium hydroxide.



### Non-Ferrous Metals

- Lime is essential in the refining and flotation processes of mined non-ferrous metal ores such as copper, lithium, aluminium, and gold



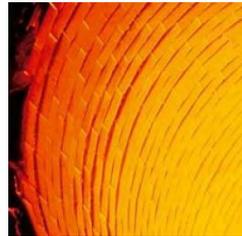
### Chemistry

- Lime and limestone are used as purifying agents in the production of sugar and citric acid.
- They are also used in a wide range of processes in the chemical industry.



### Glass

- Limestone, dolomite, lime, and burnt dolomite are used as raw materials in the glass industry (mainly float, container, and fiber) to reduce melting temperatures and improve chemical and physical properties.



### Refractories

- High-quality dolomite products protect equipment (e.g. kilns, converters) during the thermal processes used in the steel, glass, cement and ceramic industries.
- Sintered dolomite forms the basis of refractory bricks and mortars.

# In Nevada, Lhoist operates two mine sites and one hydrating terminal





# Apex

# The Apex site has been operating for the past 80 years



- 1945 – Site began development by as a high calcium limestone deposit
- 1956 – Apex quarry and plant begins shifting to quicklime
- 1957 – Began construction of two rotary preheater kilns
- 1968 – 3<sup>rd</sup> kiln was built
- 1986 – Apex plant changes ownership to Lhoist North America
- 1996 – Construction of 4<sup>th</sup> kiln

## Today Apex is a flagship plant supply lime across the western part of North America

### PLANT FACTS

- Mine consists of high calcium limestone and dolomitic limestone
- Plant consists of four rotary kilns, lime hydrator, and lime handling system
- Aggregate partner on site crushes and markets limestone for aggregate use
- ~100 employees
- Plant operates 24/7/365
- Strategically located on the UP Railroad
- Secured resources and reserves for long-term supply of customers
- Well-positioned for secure supply to critical mineral mines and processing





# Henderson Terminal

## The Henderson Terminal produces Type S used in stucco

### PLANT FACTS

- Processing site where dolime is converted into hydrated dolime or Type S
- Plant supplies material from bulk trucks and in 50 lb. bags
- ~20 employees
- Stucco is most popular wall finish in the SW United States
- Type S is critical for stucco offering better crack resistance and workability
- Only production site for Type S west of the Mississippi



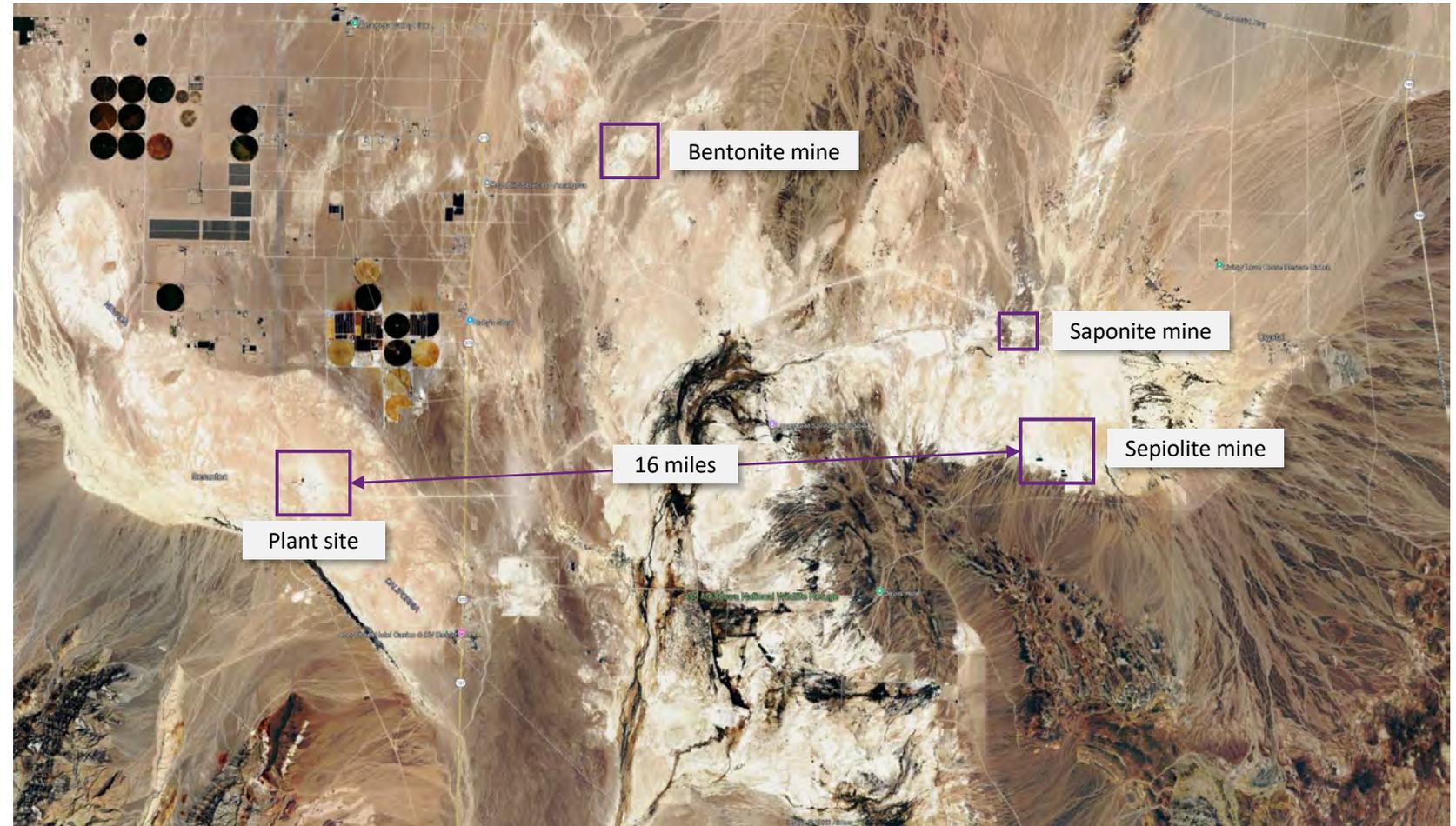


# Amargosa Valley Clay Operations

# The Amargosa Valley plant mines specialty clay for industrial customers

## PLANT FACTS

- Three mine sites for three different clays
- Processed at milling site, sold as fine powder in bulk and bags
- Only Sepiolite producer in North America
- ~40 employees
- Plant was established in the 1970s
- Sepiolite used for drilling muds and environmental applications
- Bentonite used for fertilizers



# Thank You

**Contact**

[www.lhoist.com](http://www.lhoist.com)

**B.**

ANGLO**GOLD**ASHANTI

# DEVELOPMENT OF THE BEATTY MINING DISTRICT- NORTH BULLFROG & ARTHUR GOLD UPDATE

*PRESENTED TO THE COMMISSION ON MINERAL RESOURCES*

FEBRUARY 2026



# Welcome & Meeting Purpose

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## OBJECTIVES:

- ☑ Today we will provide the Commission on Mineral Resources with a high-level update on:
  - AngloGold Ashanti and our long-term commitment to Nevada
  - Progress in the Beatty District, including North Bullfrog and Arthur Gold
  - Our coordinated approach to permitting and regulatory engagement
  - Environmental stewardship, water management, and community investment



# AGA'S STRENGTH IN LARGE-SCALE MINING, EXPLORATION AND LICENCE TO OPERATE



World's **#4**  
**gold**  
producer



A decades-long track record in building and operating large-scale open-pit and **underground** gold mines, including the world's deepest mining operations



One of the industry's most **successful** exploration teams measured by **greenfield ounces discovered**



A strong **pipeline of self-funded growth** projects in Africa, Latin America and the US



**Best-in-class health and safety** performance across jurisdictions; world-class ESG practices



Employed **39,484** people in 2024 \*\*



**Strong partnerships with employees, host governments** and communities across our portfolio



# AngloGold Ashanti

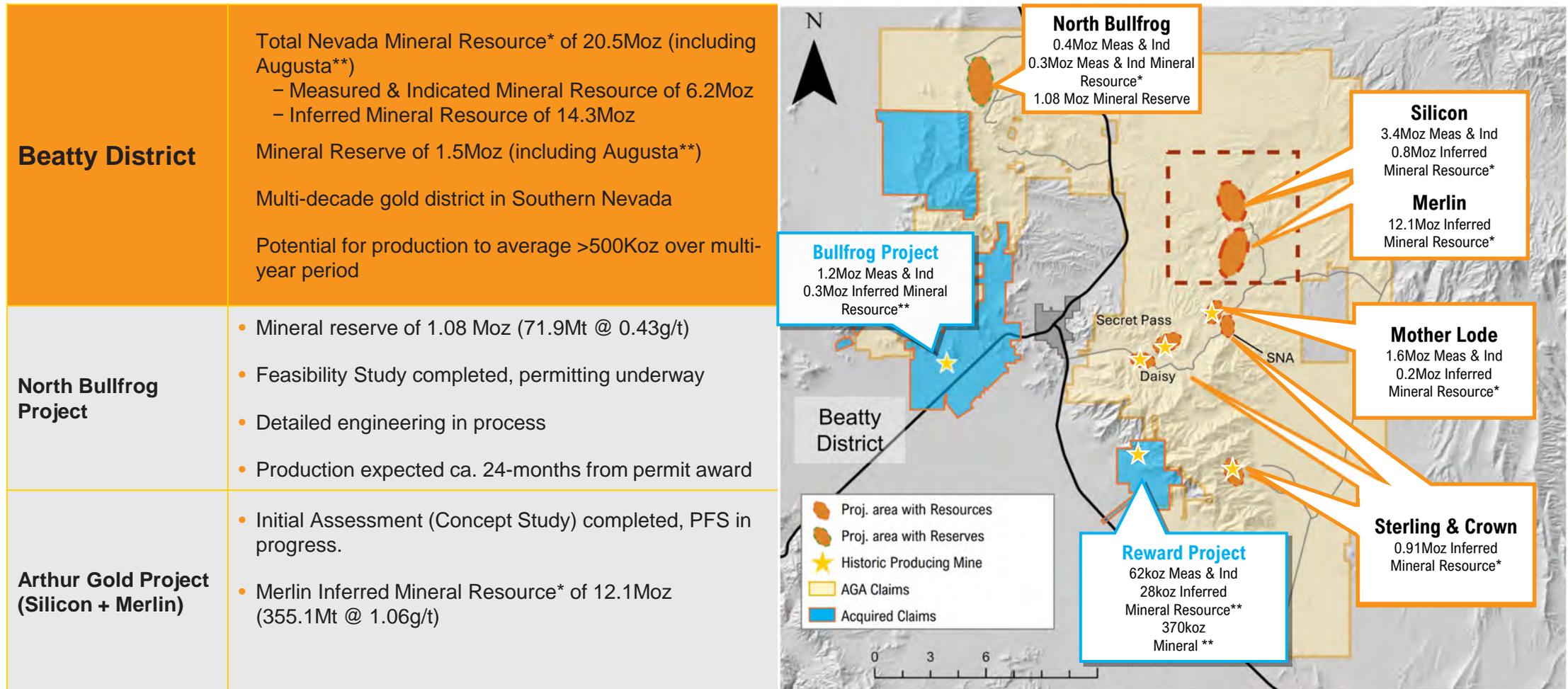
## WHO WE ARE:

- ✔ Active in Nevada's Beatty District since 2017 through major land acquisition, exploration, and permitting programs
- ✔ Over \$1.5B invested in land, exploration drilling, baseline studies, hydrology, engineering, and community partnerships
- ✔ Committed to environmental stewardship, rigorous scientific studies, and strong agency collaboration
- ✔ Supporting Nevada's economy through local hiring, contractors, and long-term investment in rural communities
- ✔ US headquarters in Denver, with Nevada Projects teams based in Las Vegas and Beatty



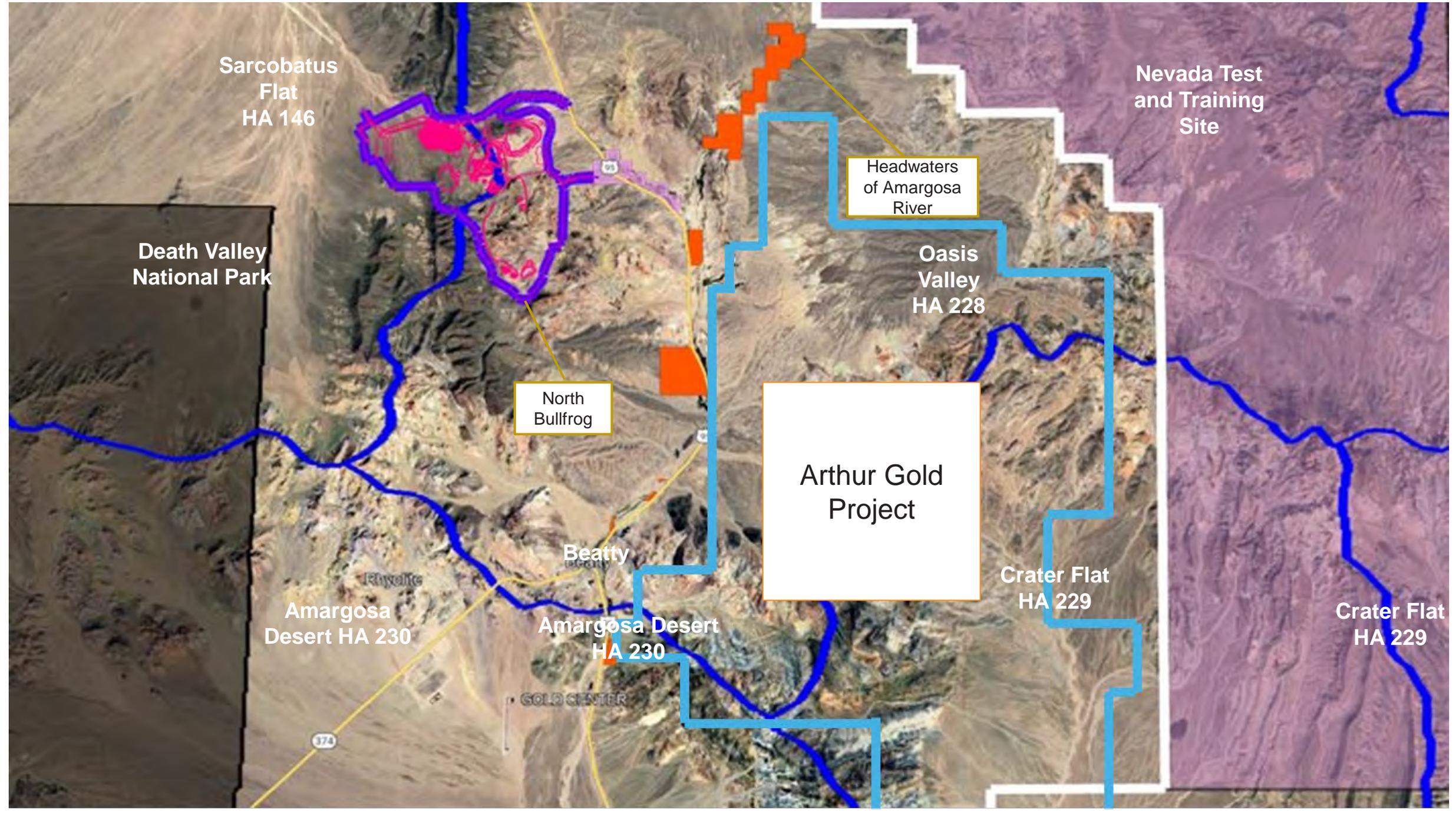
# BEATTY DISTRICT- A LONG-TERM DEVELOPMENT OPPORTUNITY

*The most significant new discovery in the US in more than a decade, with the total district Mineral Resource now 20.5Moz*



\*The Mineral Resource in this presentation is reported as exclusive of the Mineral before dilution and other factors are applied, unless otherwise stated (31 December 2024). For further details on the Mineral Resource, refer to AngloGold Ashanti's annual report on Form 20-F for the financial year ended 31 December 2024.

\*\* For further details on the Mineral Resource, refer to Augusta's annual report on Form 10-K for the financial year ended 31 December 2024.



Sarcobatus  
Flat  
HA 146

Nevada Test  
and Training  
Site

Headwaters  
of Amargosa  
River

Death Valley  
National Park

Oasis  
Valley  
HA 228

North  
Bullfrog

Arthur Gold  
Project

Beatty

Crater Flat  
HA 229

Amargosa  
Desert HA 230

Amargosa Desert  
HA 230

Crater Flat  
HA 229

374

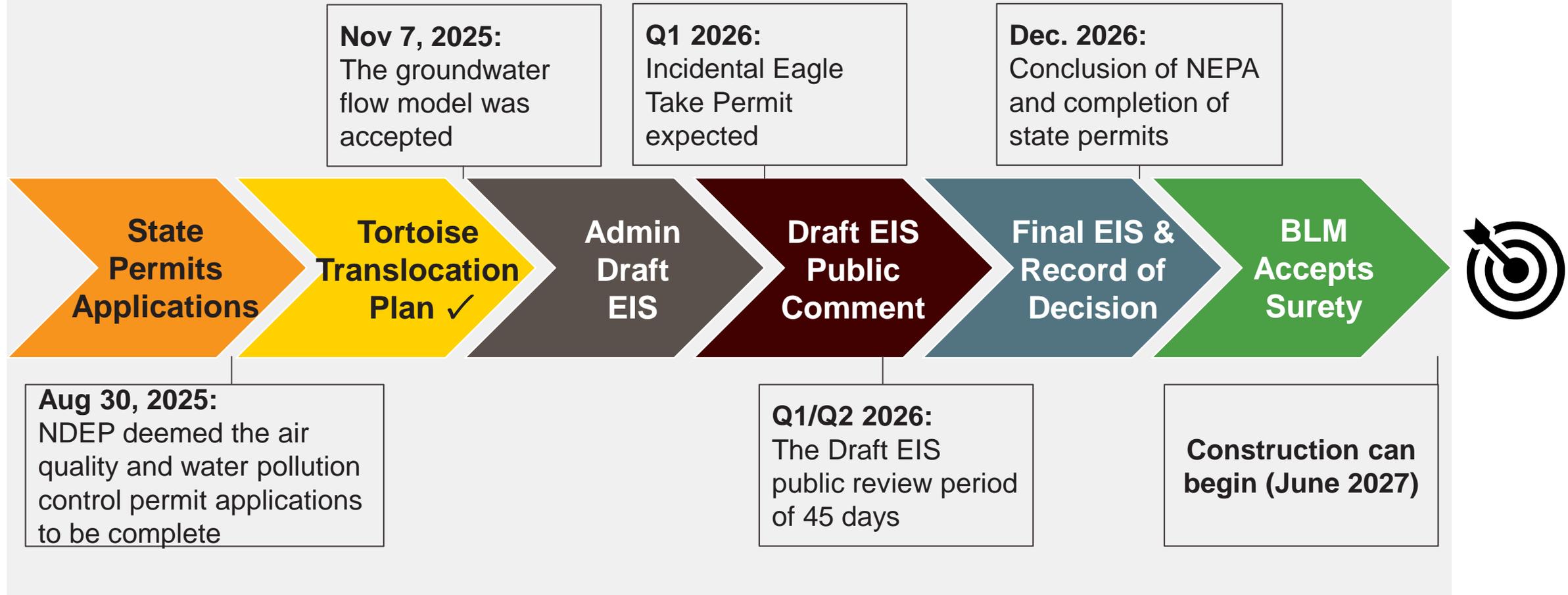
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GOLD CENTER

# NORTH BULLFROG PROJECT PERMITTING TIMELINE

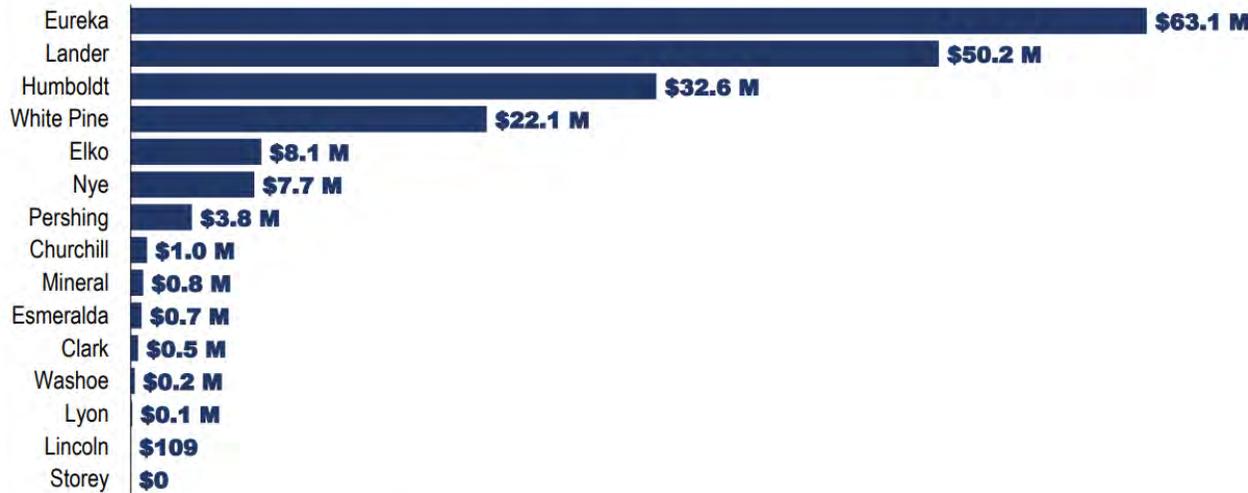
## Status of the North Bullfrog Permitting process



# BEATTY DISTRICT COMMUNITY SNAPSHOT & KEY NEEDS

## NET PROCEEDS OF MINERALS TAX

NEVADA COUNTIES | TOTAL TAX REVENUE IN 2024



Source: Nevada Department of Taxation. Note: Includes royalty receipts.



## North Bullfrog Project – Projected Economic Contribution

**NORTH BULLFROG PROJECT:**

**Economic Impact at a Glance.**

**471 JOBS** supported during construction

**345 JOBS** supported annually during operations

**\$31.9 M** in annual wages during the operating phase

**\$16.9 M** in yearly tax revenue across federal, state, and local levels

IN PARTNERSHIP WITH

Sources: UNR Socioeconomic Study for the Proposed North Bullfrog Project (2025) and Applied Analysis, 2025 NVMA State of the Industry presentation.

## COMMUNITY PARTNERSHIP & INVESTMENT

*Supporting long-term rural resilience in the Beatty District*

- Five-year investment framework focused on health & safety, workforce development, housing & infrastructure, local business growth, and Tribal and environmental stewardship
- Ongoing engagement with Tribal governments, schools, businesses, and local leadership
- Prioritizing Nevada-based procurement where feasible
- Socioeconomic and community needs assessments to guide planning



### Community Priorities Identified



✓ **Housing** availability & affordability



✓ **Healthcare & EMS** capacity



✓ **Workforce training & job** readiness



✓ **Infrastructure:** roads, water/sewer, community facilities

✓ **Economic** resilience & small business support

✓ **Quality-of-life services:** childcare, transportation, youth programs

## ENVIRONMENTAL STEWARDSHIP & NET GAIN BY 2030

### Advancing Responsible Development in the Beatty District

- Regional environmental data collection
- Groundwater flow model and integrated monitoring plan
- Integrated water management and infiltration design
- Early coordination with regulatory agencies and Tribal partners
- Conservation banking framework to enhance habitat and connectivity

### Our Commitment: Net Gain in Biodiversity by 2030

- Avoid and minimize impacts first
- Mitigate through science-based restoration
- Enhance habitat to deliver measurable, long-term ecological benefit



Amargosa Toad  
(*Anaxyrus nelsoni*)



Spring-Loving Centaury  
(*Zeltnera namophila*)



Oasis Valley Speckled Dace  
(*Rhinichthys nevadensis nevadensis*)



Oasis Valley Springsnail  
(*Pyrgulopsis micrococcus*)

## EXCELLENCE IN MINE RECLAMATION



**Nevada Reclamation Award (2025)** — The Nevada Division of Minerals recognized AGA's Sterling Mine for innovation and leadership in mine reclamation.

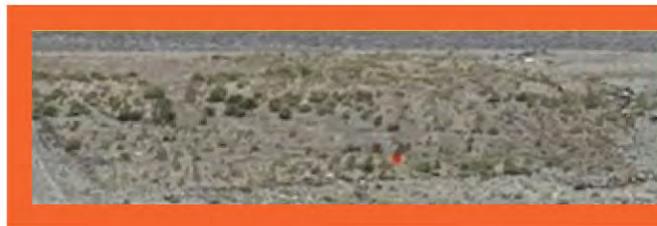
### Why It Matters

- Demonstrates responsible mining in Nevada
- Proven reclamation success in arid environments
- **Applies directly to North Bullfrog and Arthur planning**

### Innovative Reclamation Approach

- Comprehensive site characterization (soil, vegetation, growth conditions)
- Desert-adapted growth media and revegetation
- Enhanced revegetation performance in extreme arid environments

**Unfenced Plot**



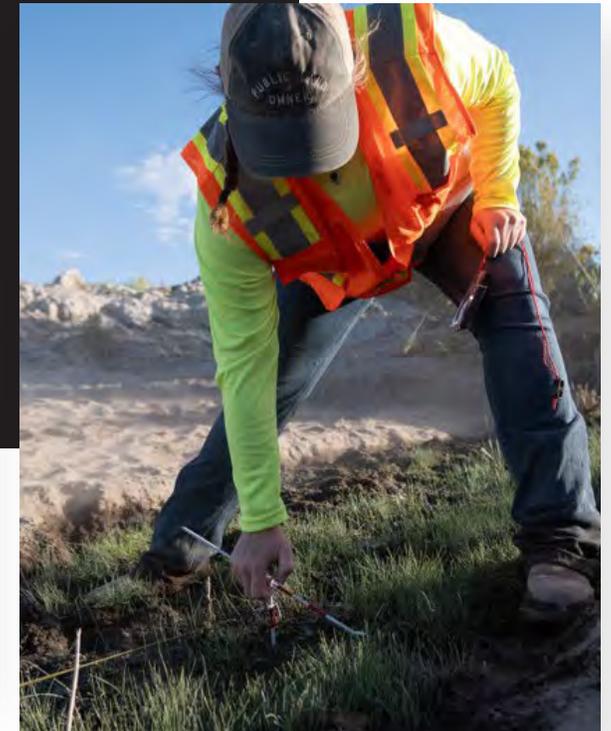
**Fenced Plot**



# Arthur Gold Project

## Disciplined, Long-Term District Development

- Located within the Beatty Mining District as the next phase of potential development
- Larger-scale opportunity with a projected initial mine life of approximately 12 years
- Preliminary estimated capital range of \$3–4 billion (subject to ongoing engineering and study)
- Currently in advanced study and design phase — preparation of a proposed action is ongoing



# ARTHUR GOLD PROJECT- 2026 WORK PROGRAM & REGULATORY PREPARATION



## 2026 Focus Areas

- Groundwater characterization and flow modeling
- Environmental baseline studies (wildlife, air, surface water, cultural and visual resources)
- Mine Plan of Operations (MPO) refinement and design optimization
- Water management and dewatering alternatives analysis

## Regulatory Approach

- Front-loading environmental and hydrogeologic studies to reduce uncertainty
- Early coordination with federal, state, and Tribal partners
- Sequencing engineering and environmental work to support a defensible future NEPA process

## 2026 Investment

- \$118M total MPO development program
- \$17.5M dedicated to hydrogeology and environmental studies

# Closing

## Beatty District – A New World-Class Gold District

- North Bullfrog advancing toward a Q4 2026 Record of Decision
- Arthur Gold progressing through data-driven engineering, hydrogeology, and environmental study
- Continued investment in environmental stewardship, Tribal engagement, rural community resilience
- Continued coordination with regulators, Tribal governments, and local leadership
- AngloGold Ashanti remains committed to responsible, science-based development that delivers long-term value to Nevada.



# Our Team



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Community & Gov. Relations Manager  
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**Our Nevada Project Vision:**

To grow and develop a world-class mining district in Nevada that safely delivers value to our stakeholders and respects our people, communities, and environment.



**C.**



# NEVADA

DIVISION OF

# MINERALS

## CY 2025 Education and Outreach Summary

---

Presented by: Garrett Wake

# Education & Outreach

- In 2025, we strengthened community ties through tailored educational initiatives
  - 360 Presentations Delivered (288 required)
    - 303 delivered in classrooms
  - 16,964 People Reached
- Classroom Presentations: Direct engagement with students in their learning environment.
- Career Presentations: Guiding the next generation through professional insights.
- Classroom Presentations: Direct engagement with students in their learning environment.
- Career Presentations: Guiding the next generation through professional insights.



- Launched in the Fall of 2021
- Free virtual course, offered Spring, Summer, & Fall each year
- Course offered 13 times with 370 teachers completing the program
- Content sections include:
  - All About Mining: an overview of the benefit of mining and minerals
  - Safety and the Environment
  - Discovering a Deposit
  - Developing a Mine
  - The Future of Mining



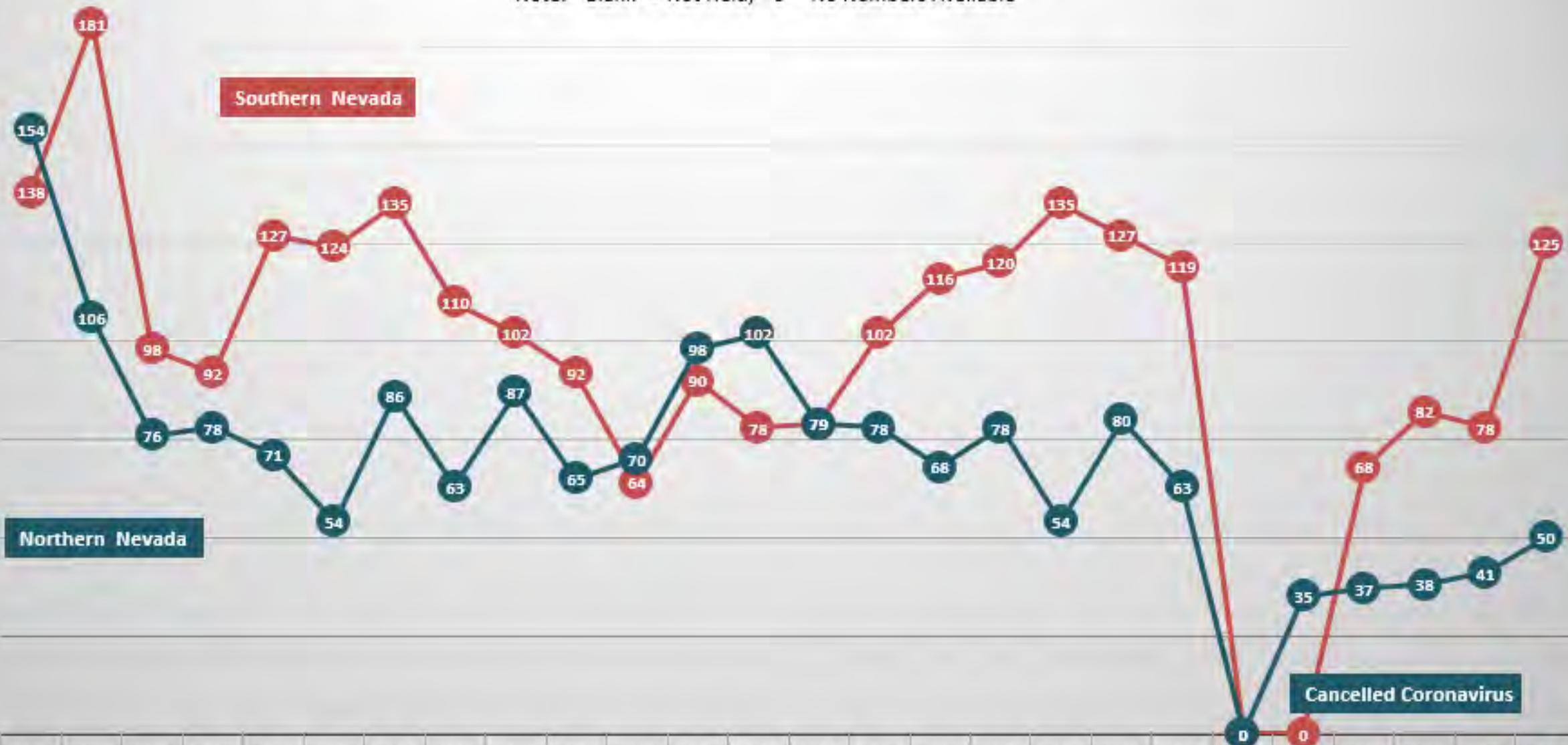
# All About Mining Feedback

*“Before taking the All About Mining course, I didn’t know anything about mining beyond the fact that it existed. The course met me where I was and helped me build a solid understanding of the mining process—from exploration and extraction to processing and reclamation. What stood out most was learning how deeply mining is connected to everyday life, from phones and cars to energy use, and how modern mining emphasizes environmental responsibility and land reclamation. I’m walking away with a completely different perspective and a genuine appreciation for Nevada’s critical role in mining.”*

# Northern and Southern Workshop Attendance

Note: "Blank" = Not Held; "0" - No Numbers Available

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	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
So NV	138	181	98	92	127	124	135	110	102	92	64	90	78	79	102	116	120	135	127	119	0	0	68	82	78	125
No NV	154	106	76	78	71	54	86	63	87	65	70	98	102	79	78	68	78	54	80	63	0	35	37	38	41	50

# KTNV Channel 13 Las Vegas

- Teachers Go Back to School: How a Spring Break workshop is transforming classroom learning.



<https://youtu.be/0XLfqieP43s?si=Gb2xCmgT5tU7KHhO>

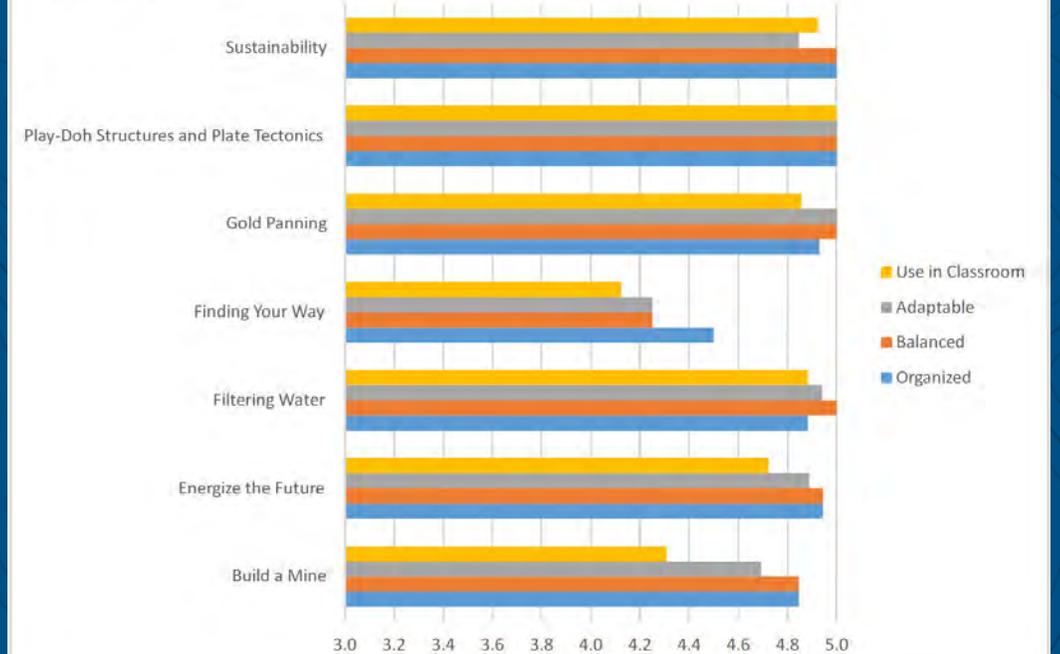
# Workshop Feedback

- NDOM
- University of Texas at Austin

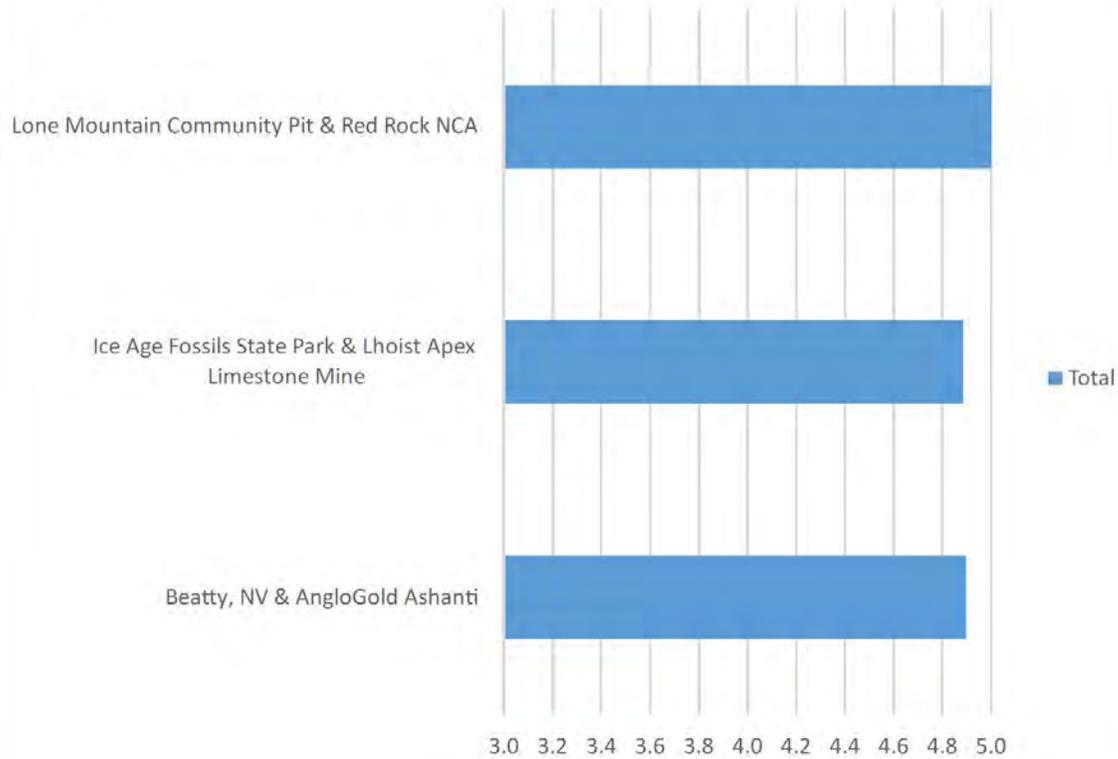
Session 1



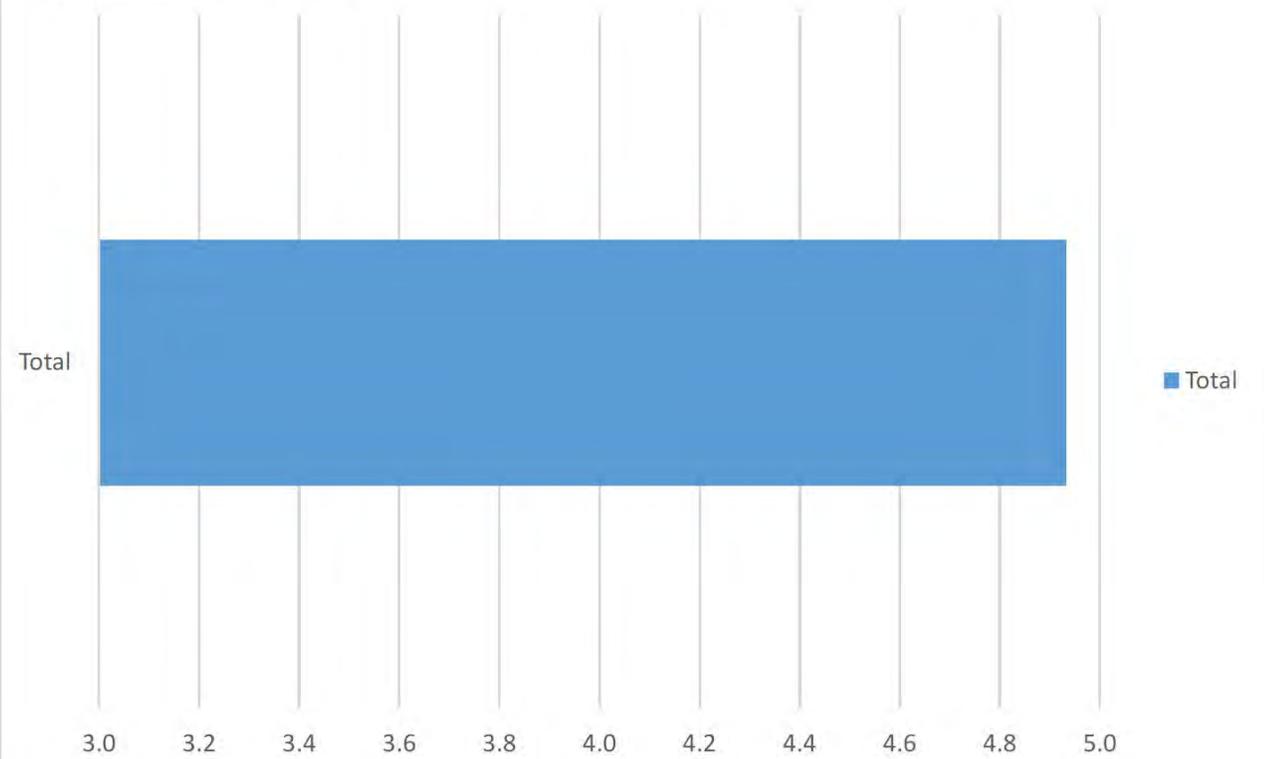
Session 3



### Tours



### Workshop Overall



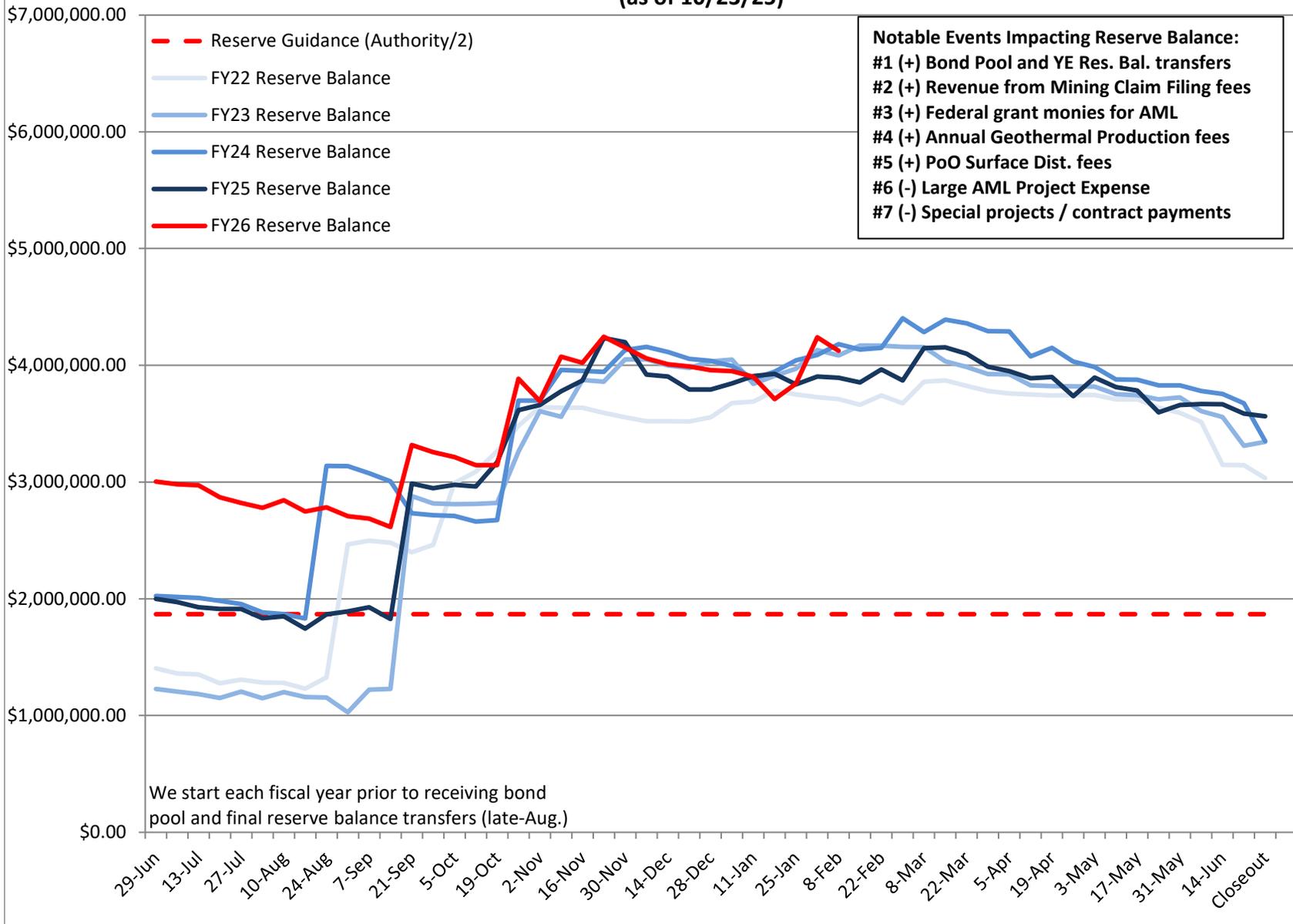
- NDOM will continue to provide educational outreach in innovative ways by combining in-person instruction, hands-on-training, and digital education platforms
- NDOM consistently fosters cooperation and partnerships with industry professionals, universities, educators, government agencies, and community organizations.
- This multi-modal approach significantly increases public understanding of mining, minerals, and earth sciences while ensuring information is accessible to diverse audiences across Nevada and beyond

# Questions

**D.**

# NDOM Reserve Balance by Week for FY19 - FY26

(as of 10/23/25)



**FY26 Mining Claim Fees by County (thru 02/09/2026)**

Counties	Monthly or Quarterly	July	August	September	October	November	December	January	February	March	April	May	June	Total
Carson	Quarterly			\$ 1,380			\$ 1,000							\$ 2,380
Churchill	Quarterly			\$ 22,100			\$ 15,020							\$ 37,120
Clark	Monthly	\$ 1,860	\$ 7,470	\$ 6,050	\$ 2,790	\$ 3,750	\$ 130							\$ 22,050
Douglas	Quarterly			\$ 5,570			\$ 3,290							\$ 8,860
Elko	Monthly	\$ 54,710	\$ 91,480	\$ 63,030	\$ 121,320	\$ 5,770	\$ 5,170							\$ 341,480
Esmeralda	Quarterly			\$ 126,820			\$ 80,000							\$ 206,820
Eureka	Monthly	\$ 64,580	\$ 117,100	\$ 20,490	\$ 53,620	\$ 1,280	\$ 150							\$ 257,220
Humboldt	Quarterly			\$ 198,120			\$ 71,340							\$ 269,460
Lander	Quarterly			\$ 154,010			\$ 77,290							\$ 231,300
Lincoln	Quarterly			\$ 18,720			\$ 38,400							\$ 57,120
Lyon	Quarterly			\$ 46,690			\$ 22,620							\$ 69,310
Mineral	Monthly	\$ 8,160	\$ 51,580	\$ 16,050	\$ 59,880	\$ 14,660	\$ 1,720	\$ 2,100						\$ 154,150
Nye	Quarterly			\$ 275,140			\$ 98,710							\$ 373,850
Pershing	Quarterly			\$ 60,260			\$ 72,920							\$ 133,180
Storey	Quarterly			\$ 1,350			\$ 3,690							\$ 5,040
Washoe	Monthly	\$ 340	\$ 760	\$ 19,240	\$ 9,480	\$ 10	\$ -							\$ 29,830
White Pine	Quarterly			\$ 193,200			\$ 29,180							\$ 222,380
	<b>FY 26</b>	<b>\$ 129,650</b>	<b>\$ 268,390</b>	<b>\$ 1,228,220</b>	<b>\$ 247,090</b>	<b>\$ 25,470</b>	<b>\$ 520,630</b>	<b>\$ 2,100</b>	<b>\$ -</b>	<b>\$ 2,421,550</b>				
	FY 25	\$ 104,510	\$ 79,170	\$ 1,226,770	\$ 376,500	\$ 12,400	\$ 684,250	\$ 10,190	\$ 1,600	\$ 54,190	\$ 1,020	\$ 10,450	\$ 166,610	\$ 2,727,660
	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	\$ 2,768,725

**FY 26 CUMULATIVE \$ 129,650 \$ 398,040 \$ 1,626,260 \$ 1,873,350 \$ 1,898,820 \$ 2,419,450**

Thru Dec. FY24	\$ 2,621,055		
Thru Dec. FY25	\$ 2,483,600		
Thru Dec. FY26	\$ 2,419,450	<b>Full FY Proj.</b>	<b>Average</b>
Difference 24 to 26	\$ (201,605)	-7.7%	\$ 2,555,762
Difference 25 to 26	\$ (64,150)	-2.6%	\$ 2,657,206

Amount provided by recorder but not yet received

PROJECTED AMOUNT NOT ACTUAL

**STATE OF NEVADA**  
**Office of the State Controller**

**Summary Budget Status Report**

**Fiscal Year:** 2026

**Fund:** 101 GENERAL FUND **Department:** 500 COMMISSION ON MINERAL RESOURCE

**Unit:** 4219 MINERALS **Activity:** 4219 HR-DEPARTMENT OF MINERALS

	<b>YTD Actual</b>	<b>Work Program</b>	<b>Difference</b>
<b>Total Receipts/Funding</b>	6,299,661.47	7,786,349.00	-1,486,687.53
<b>Total Expenditures</b>	2,127,871.37		
<b>Total Encumbrances</b>	47,888.25		
<b>Total Pre-encumbrances</b>	.00		
<b>Total Obligations</b>	2,175,759.62	7,786,349.00	5,610,589.38
<b>Realized Funding Available</b>	4,123,901.85		

[Get Information About Receipts/Funding](#)

[Get Information About Obligations](#)

**STATE OF NEVADA  
 Office of the State Controller**

**Budget Status Report - Receipts/Funding**

Fiscal Year: 2026

Fund: 101 GENERAL FUND Department: 500 COMMISSION ON MINERAL RESOURCE

Unit: 4219 MINERALS Activity: 4219 HR-DEPARTMENT OF MINERALS

	YTD Actual	Work Program	Difference
<b>Total Receipts/Funding</b>	6,299,661.47	7,786,349.00	-1,486,687.53

Code	Description	YTD Actual	Work Program	Difference
<a href="#">47</a>	BEGINNING CASH	3,563,567.00	3,563,567.00	.00
<a href="#">3578</a>	FED BLM GRANT	170,367.85	680,000.00	-509,632.15
<a href="#">3580</a>	FED GRANT	.00	114,120.00	-114,120.00
<a href="#">3581</a>	FED GRANT-A	.00	250,000.00	-250,000.00
<a href="#">3584</a>	FED GRANT-D	.00	77,787.00	-77,787.00
<a href="#">3654</a>	OIL AND GAS PERMITS AND FEES	11,570.53	25,355.00	-13,784.47
<a href="#">3717</a>	APPLICATION FEES	800.00	4,400.00	-3,600.00
<a href="#">3718</a>	MINING CLAIM FEES	1,403,694.00	1,540,377.00	-136,683.00
<a href="#">3727</a>	MISCELLANEOUS GENERAL FEES	935,796.00	1,019,573.00	-83,777.00
<a href="#">3736</a>	GEOTHERMAL FEES	132,900.00	156,550.00	-23,650.00
<a href="#">3740</a>	BUSINESS ENTERPRISE PROG FEE	4,300.00	8,000.00	-3,700.00
<a href="#">3770</a>	A.M.L. SECURING FEE	35,180.00	92,080.00	-56,900.00
<a href="#">4011</a>	PRINTING SALES	.00	27.00	-27.00
<a href="#">4027</a>	PUBLICATION SALES	208.00	2,937.00	-2,729.00
<a href="#">4252</a>	EXCESS PROPERTY SALES	4,635.50	4,636.00	-.50
<a href="#">4311</a>	ROYALTY INCOME	.00	253.00	-253.00
<a href="#">4326</a>	TREASURER'S INTEREST DISTRIB	36,642.59	168,985.00	-132,342.41
<a href="#">4620</a>	TRANSFER IN FEDERAL GRANT REV	.00	77,702.00	-77,702.00

[Return to Selection Screen](#)   [Download the Report](#)

**STATE OF NEVADA  
 Office of the State Controller**

**Budget Status Report - Obligations**

**Fiscal Year:** 2026

**Fund:** 101 GENERAL FUND **Department:** 500 COMMISSION ON MINERAL RESOURCE

**Unit:** 4219 MINERALS

**Activity:** 4219 HR-DEPARTMENT OF MINERALS

	YTD Actual	Work Program	Difference
<b>Total Expenditures</b>	2,127,871.37		
<b>Total Encumbrances</b>	47,888.25		
<b>Total Pre-encumbrances</b>	.00		
<b>Total Obligations</b>	2,175,759.62	7,786,349.00	5,610,589.38

Category	Description	Expended	Encumbered	Pre-encumbered	Obligated	Work Program	Difference
<a href="#">01</a>	PERSONNEL SERVICES	995,885.65	.00	.00	995,885.65	1,911,060.00	915,174.35
<a href="#">02</a>	OUT OF STATE TRAVEL	28,498.12	.00	.00	28,498.12	57,361.00	28,862.88
<a href="#">03</a>	IN STATE TRAVEL	7,673.89	.00	.00	7,673.89	21,423.00	13,749.11
<a href="#">04</a>	OPERATING	151,314.45	.00	.00	151,314.45	186,074.00	34,759.55
<a href="#">05</a>	EQUIPMENT	.00	.00	.00	.00	17,558.00	17,558.00
<a href="#">08</a>	BOARD TRAVEL	732.08	.00	.00	732.08	9,907.00	9,174.92
<a href="#">09</a>	SPECIAL PROJECT	74,947.16	.00	.00	74,947.16	256,560.00	181,612.84
<a href="#">17</a>	FLUID MINERALS	8,488.36	47,888.25	.00	56,376.61	82,922.00	26,545.39
<a href="#">18</a>	AML SUPPORT	70,778.76	.00	.00	70,778.76	146,473.00	75,694.24
<a href="#">26</a>	INFORMATION SERVICES	36,138.92	.00	.00	36,138.92	50,793.00	14,654.08
<a href="#">30</a>	TRAINING	7,930.00	.00	.00	7,930.00	25,663.00	17,733.00
<a href="#">39</a>	ABANDONED MINE LAND ENHANCEMNT	565,316.73	.00	.00	565,316.73	1,753,126.00	1,187,809.27
<a href="#">82</a>	EITS COST ALLOCATION	167,568.75	.00	.00	167,568.75	226,547.00	58,978.25
<a href="#">86</a>	RESERVE	.00	.00	.00	.00	3,015,685.00	3,015,685.00
<a href="#">88</a>	ST COST PLAN RECOVERY	12,598.50	.00	.00	12,598.50	25,197.00	12,598.50

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**Transaction:** Bond Status Report

[Home](#) > Bond Status Report

## Bond Pool Status

Run Date

02/03/2026

DAWN

02/03/2026

Cash in Bond Pool

3313568.18

Run

Reclamation Bond Pool Status Report		Current to: 02/03/2026					
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	6.87%	\$152,715.79	93.65%	
Quartz Lake Mining	Red Rock Mill Project	08/16/2023	\$712,867.00	30.07%	\$571,926.57	80.22%	
Sunrise Minerals LLC	Section 17 Project	05/31/2025	\$783,246.00	33.04%	\$509,409.84	65.03%	
TNT Ventures c/o Western Mine and Mineral LLC	Big Canyon Project	05/11/2015	\$81,956.00	3.45%	\$101,172.68	123.44%	
Western Mine Development - Terminated	Kingston Mill	01/28/2002	\$100,450.00	4.23%	\$0.00	0%	
Western Mine Development - Terminated	Victorine Mine	01/28/2002	\$45,875.39	1.93%	\$0.00	0%	
<b>Subtotal:</b>			\$1,887,458.39	79.62%	\$1,335,224.88		
<b>Statewide Notice-Level - 36 bonds</b>		Various	Various	\$483,098.00	20.37%	\$0.00	0%
<b>Total:</b>			\$2,370,556.39	100%			
Total Bond Obligations			\$2,370,556.39				
Cash in Pool's Account (From DAWN - 02/03/2026)			\$3,313,568.18				
Funding Surplus			\$943,011.79				
Percent Funded			139.78%				

export excel

Previous

Finish

**E.**

# Nevada Bureau of Mines and Geology Project Proposals

**Simon Jowitt**

**Director and State Geologist**

**Nevada Bureau of Mines and Geology, University of Nevada Reno**

**[sjowitt@unr.edu](mailto:sjowitt@unr.edu)**  **@The\_Jow**

# NBMG Project proposals

- Initial proposals were outlined in late 2025
- Commissioner Felder provided feedback on which potential projects were considered priorities as follows:
  - Nevada Mineral Statistics
  - Nevada Metallogenic Map
  - Nevada Explorers Manual
  - Geologic map compilation and Synthesis
- Will need to assess timeline for deliverables if multiple projects are funded

# NBMG Project proposals

- 1. Nevada Mineral Statistics report and database:
- Comprehensive compilation, due diligence and analysis of mineral production data for the state as far back as we can go for as many commodities (including oil and gas, industrial minerals, and geothermal), including information on production from individual deposits, classification of deposits by type (e.g. Carlin-type (and oxide vs sulfide), epithermal, porphyry, and so on).
- Deliverables would be a comprehensive report analyzing trends in mineral production and a production of a definitive database that can be used from here onwards to ensure that everyone has the same, robust data to use going forward.
- Compilation and analysis work might take **1-1.5 years** given other commitments, and including production but excluding printing would cost around **\$45k including 8% overhead rate if this is acceptable to UNR**; this would fund time for soft-funded employees at the Bureau who are not covered by state salary lines.
- Includes a lot of Bureau faculty time that is not included in the budget; for example, I will likely be heavily involved in this but my salary would be covered by my existing employment at NBMG.
- In addition...

# NBMG Project proposals

- 1a. US Bureau of Mines Production Data.
- NBMG has a map chest full of US Bureau of Mines ledgers of production of a variety of different commodities for the state, which are not available elsewhere as far as I know.
- Digitization of these and incorporation into the report outlined above would increase the impact of the publication, would provide the state and other stakeholders with a large amount more data than is currently available, and would also extend our knowledge of the mineral potential of the state and past production records.
- Ledgers are not typical paper sizes, so they would have to be scanned, digitized, and collated at the UNR Knowledge Center - we do this routinely for data preservation work.
- Cost of undertaking this scanning, digitizing, and making these data publicly available (the deliverables for this sub-project) is likely **\$30k including overhead**, but would be an ideal add-on to the report and database outlined above, making the data much more accessible

# NBMG Project proposals

- 2. Nevada Metallogenic Map.
- Production of a map indicating broad-scale geology, the location of major deposits, prospects, past producers split by mineral system/deposit type and commodities, in addition to the location of major mining districts and so on.
- Data availability may constrain the amount of information that could be put on this map but once established this map could be updated on a regular basis.
- Could also include a series of critical mineral potential maps, identifying areas of known critical mineral production (e.g., silver, copper), past production, and potential.
- Past production information currently available is decent, but given 50% of critical minerals are co- and by-products, a lot of potential is not being promoted or discussed and this could be a way of highlighting the co- and by-product critical mineral potential of the state.
- Estimated cost for this is around **\$45k including overhead**, but would also include a lot of Bureau faculty time that is not included in the budget as this time would be covered by state funding of positions at UNR.
- Deliverables would be a series of maps showing the location of known mineralization as outlined above in addition to critical metal potential based on knowledge of mineral systems generated during metallogenic map production.
- Could be accomplished in **1-1.5 years at most**.

# NBMG Project proposals

- 3. Nevada Explorers Manual:
- Report outlining “recipes” for different mineral systems in the state, providing examples of deposits, links to key areas and case studies, and mineral exploration signatures in terms of pathfinder elements, geophysical signatures, and so on.
- Something similar to this:  
[https://cmscontent.nrs.gov.bc.ca/geoscience/publicationcatalogue/Miscellaneous/B\\_CGS\\_MP-86.pdf](https://cmscontent.nrs.gov.bc.ca/geoscience/publicationcatalogue/Miscellaneous/B_CGS_MP-86.pdf) but smaller in scope and focusing on major metal systems in the state.
- Would be a widely-used reference guide for mineral explorers and would be publicly available, unlike a lot of information that is buried in scientific publications behind paywalls and is therefore not always accessible to mineral explorers and mining companies.
- Budget for this would be around **\$45k including overhead but excluding hardcopy printing**, with deliverables being a freely downloadable NBMG publication; likely timeline is **1-1.5 years** I suspect.

# NBMG Project proposals

- 4. Geological map compilation and synthesis; project to create more compilation and interpretation of multiple quadrangle and other maps and data in key areas (e.g., at a 1 x 2 degree or 1:150k scale).
- Principally related to discussions related to a former NBMG faculty member moving back to Reno and approaching the Bureau to undertake work like this; individual in question has a history of this work in current and previous positions.
- **No estimates available for this work** but I can follow up on this if this is of interest to the Commission.

# NBMG Project proposals

- Nevada Mineral Statistics
- Nevada Metallogenic Map
- Nevada Explorers Manual
- Geologic map compilation and synthesis
- Standard 8% overhead rate as for other NDOM/Commission projects
- Will need to assess timeline for deliverables if multiple projects are funded

# Any questions?

**F.**



# NEVADA DIVISION OF MINERALS

Nevada Division of Minerals

Dustin Holcomb, Fluid Minerals Manager, February 19, 2026

Commission on Mineral Resources

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## Nevada's Fluid Mineral Update

# Presentation Outline



Geothermal, Oil, & Gas



Dissolved Mineral Resource  
Exploration



Rulemaking

# Revenue From Leases and Royalties

## October 21, 2025, Geothermal Lease Sale<sup>1</sup>

- 377,679 acres Nominated
- 280,558 acres; 86 parcels Received Bid
- \$410 per acre High Bid
- \$9,446,442 Total revenue generated

## Revenue From Leases and Royalties

- 50% State (Education Fund)
- 25% County
- 25% U.S. Treasury
- >1,000,000 acres under active lease
- \$7,619,192 was received by the Department of Education in FY25 according to [openbudget.nv.gov](https://openbudget.nv.gov)<sup>3</sup>

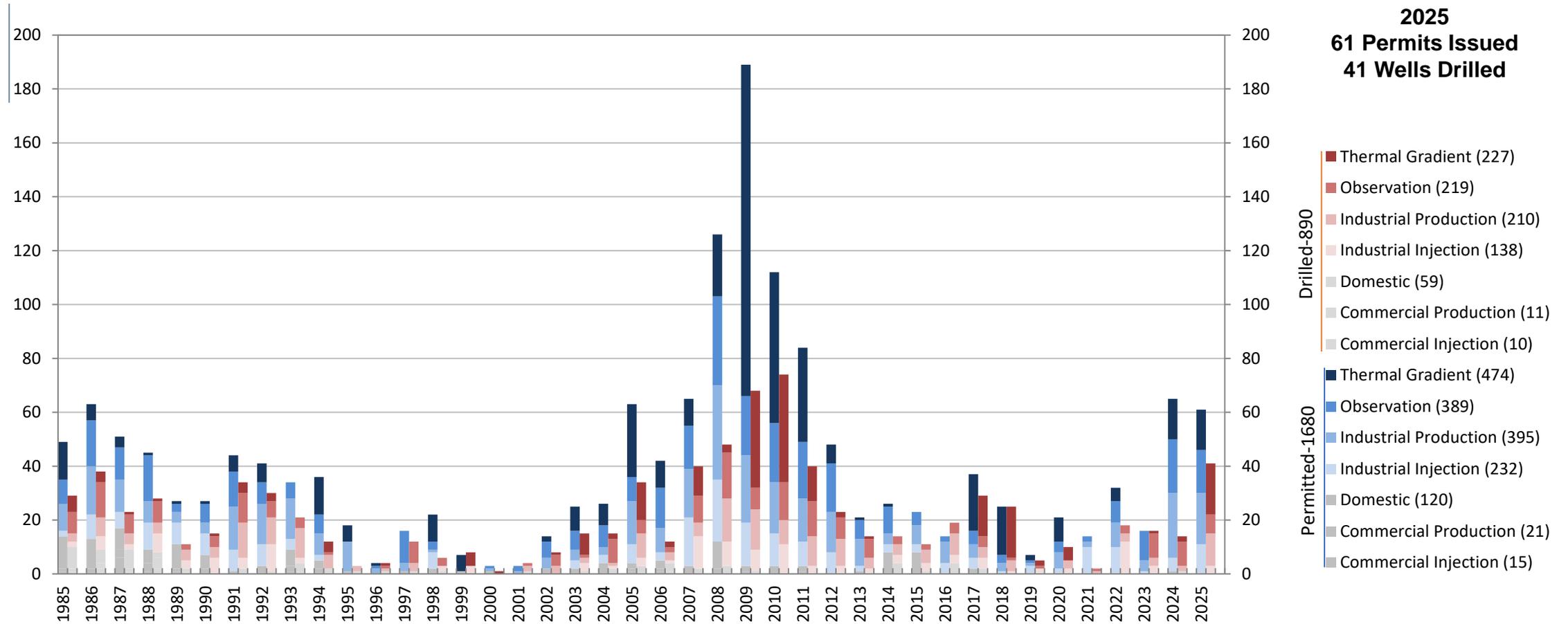
<sup>1</sup> [https://www.blm.gov/sites/default/files/docs/2025-10/NV\\_Geot\\_20251021\\_Comp\\_Sale\\_Results.pdf](https://www.blm.gov/sites/default/files/docs/2025-10/NV_Geot_20251021_Comp_Sale_Results.pdf)

<sup>2</sup> <https://revenue.data.doi.gov/explore/?dataType=Revenue&period=Calendar+Year&mapLevel=County&offshoreRegions=false&commodity=Geothermal&location=NF%2CNV&year=2024>

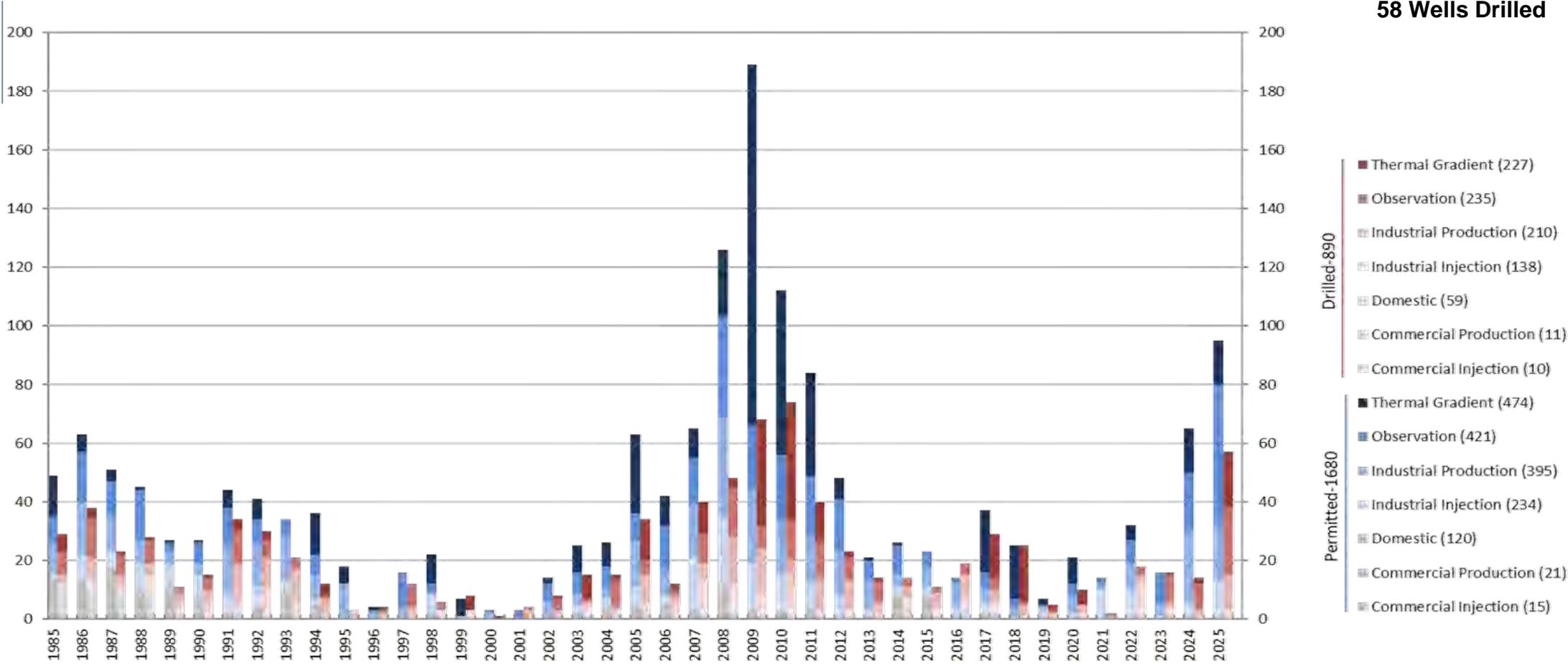
<sup>3</sup> <https://openbudget.nv.gov/OpenGov/ViewActualDetail.aep?fiscalYear=2025&filter=null&type=Rev&view=Function&objectCode=3536&objectTypeCode=FF>

**2024**  
**6,875,111 MWh**  
**785 MW per hour average**

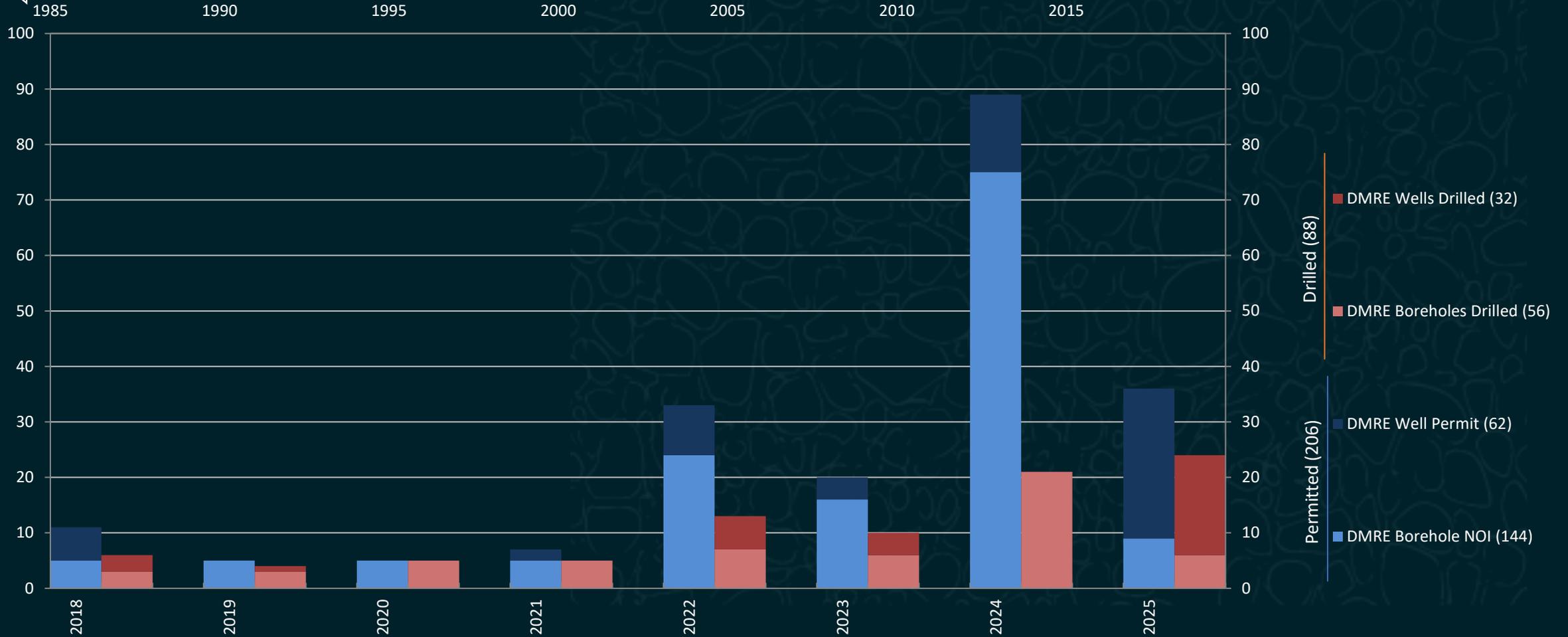
## Permitted & Drilled Geothermal Wells



### Permitted & Drilled Geothermal Wells



## Dissolved Mineral Resource Exploration Permitted & Drilled Wells & Boreholes





# Dissolved Mineral Resource Exploration

NRS 534B Created in 2017 Session

NAC 534B codified in 2018

62 well permits issued since 2018

18 wells drilled since 2018

- 11 Wells have been plugged
- 10 Wells have been pumped
  - 7 Wells are currently reporting

A total of 4.75 -acre feet have been pumped since 2018 from all DMRE wells



# Nevada Lithium Reserves

## NBMG Lithium Report, September 2024 - Table 1

- 17 individual projects
  - 14 clay/sediment
  - 3 brine
- Total Reserves
  - Clay 4.28 million tons
  - Brine 0.36 million tons
- Total Resources
  - Clay 117 million tons
  - Brine 1.52 million tons

## Thacker Pass – December 2024

14.3-million-ton reserve

- Up to 160,000 tons a year

## Rhyolite Ridge – April 2023

3.2 million tons

- 22,000 tons a year

## Clayton Valley (Century Lithium) – April 2024

1.76 million tons

## Silver Peak – December 2023

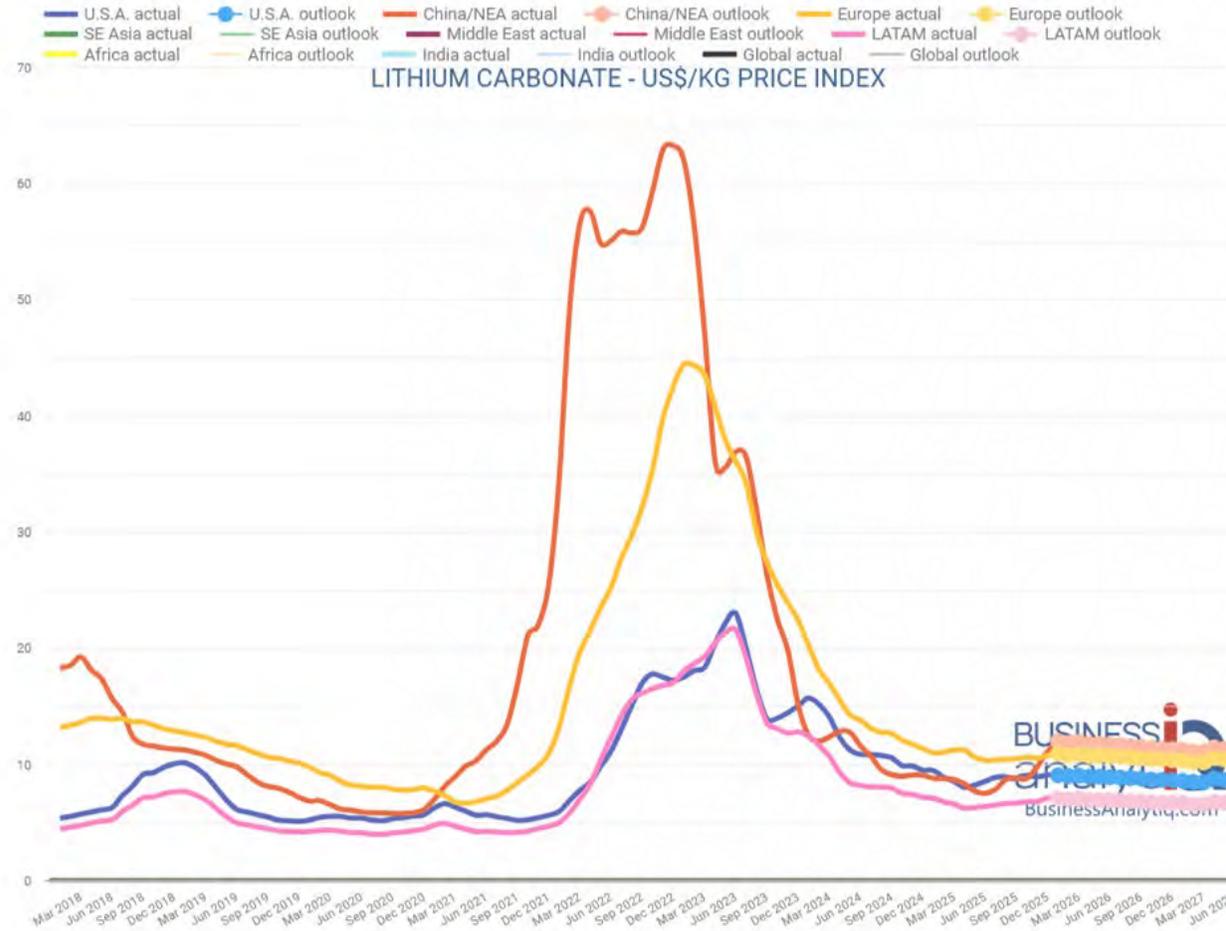
0.36 million tons

Lithium Price was ~\$16,800 per ton at the end of 2024

Sources: <https://lithiumamericas.com/thacker-pass/overview/default.aspx> <https://rhyolite-ridge.ioneer.com/new-ioneer-mineral-resource-update/#:~:text=The%20updated%20report%2C%20conducted%20by,tonnes%20of%20boric%20acid%20equivalent.> Century Lithium - NI 43-101 TECHNICAL REPORT ON THE FEASIBILITY STUDY OF THE CLAYTON VALLEY LITHIUM PROJECT Esmeralda County, Nevada, USA

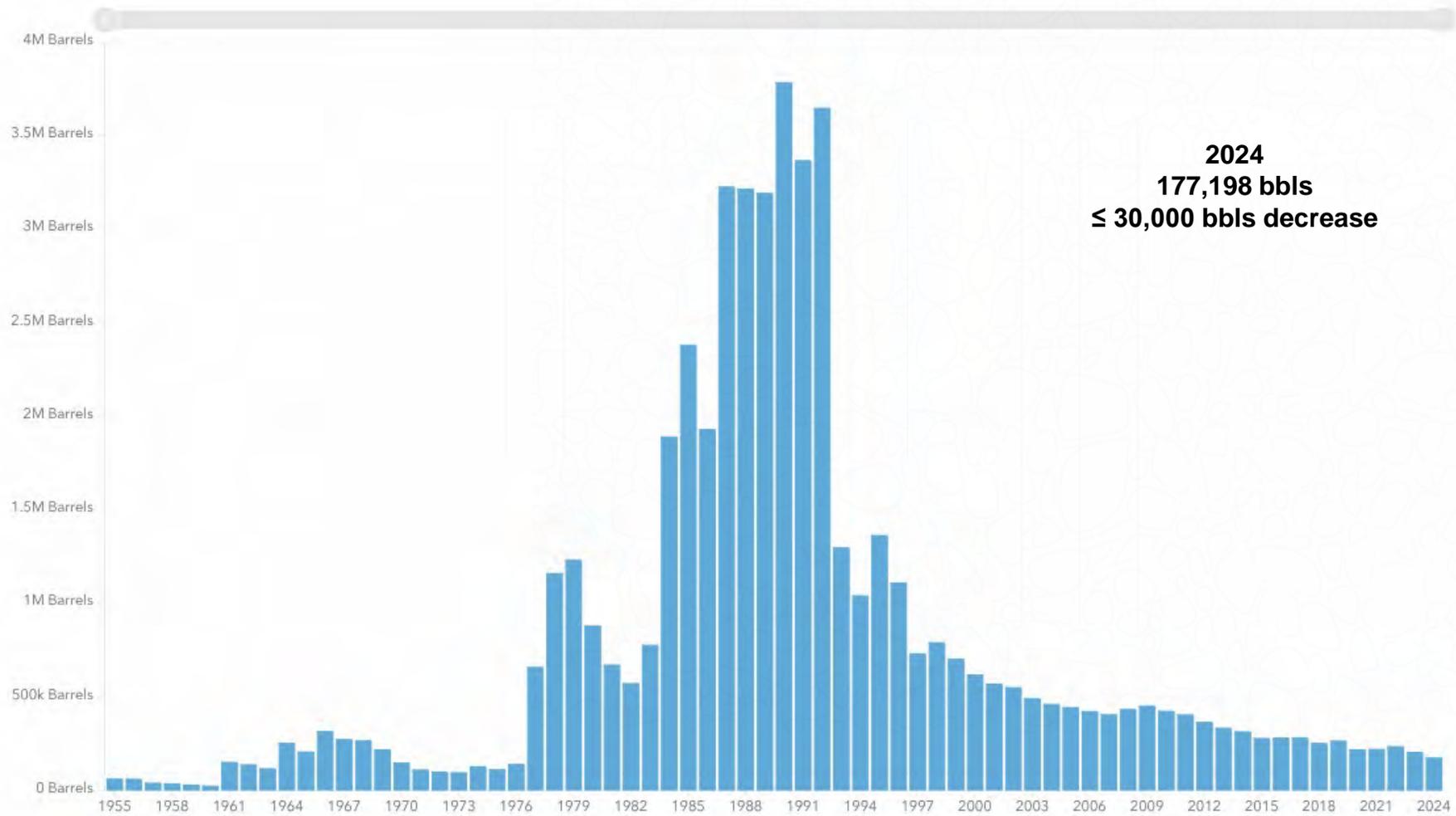
[https://s201.q4cdn.com/960975307/files/doc\\_financials/2023/q4/9aefa2f5-78dc-4015-bf20-b71aba0bb593.pdf](https://s201.q4cdn.com/960975307/files/doc_financials/2023/q4/9aefa2f5-78dc-4015-bf20-b71aba0bb593.pdf) Jowitz, S.M., Henry, C.D., Crespo Mena, J., Lindsey, C.R., Darin, M.H., Saftner, D.M., Heintz, K.M., and Hershey, R.L., 2024, Lithium in Nevada —origins, extent, role in the energy transition, and implications for economic development and national security: Nevada Bureau of Mines and Geology Special Publication 40, 48 p.

# Lithium Carbonate Price



# Oil Production

Nevada Oil Production / Year



**2024**  
**177,198 bbls**  
**≤ 30,000 bbls decrease**

# NAC 534A Rule Making



- Workshop on August 26, 2025
- Legislative Bureau Council (LCB) received 1<sup>st</sup> draft on November 18, 2025
- Answered 2 rounds of LCB Questions
- NAC 522 Notice of intent to act upon regulation



# Thank you

[Minerals.nv.gov](http://Minerals.nv.gov)  
[NDOMDATA.com](http://NDOMDATA.com)

**G.**



**NEVADA**  
DIVISION OF  
**MINERALS**

Nevada Division of Minerals

**AML Program Update**  
**CMR 2/19/2026**  
**[sderby@minerals.nv.gov](mailto:sderby@minerals.nv.gov)**



## Update Topics

- 1. 2025 Field Work**
- 2. 2025 Hard Closure and Survey Contract Work**
- 3. AML Rescue Task Force**
- 4. 2026 Outlook**



# 2025 FIELD WORK



**INVENTORY**  
578 Sites



**SECURE**  
560 Sites



**REVISIT**  
707 Sites



**NON - HAZARDS**  
4628 SITES



# HARD CLOSURES AND SURVEYS

## Hard Closure Completed Projects -

- Cassiott, Lincoln County, NV - 39 Sites
- Brunswick Mine, Storey County - 1 site

## Hard Closures awaiting Federal Approval

- Boulder Peak, Clark County - 2 Sites - TASKED
- State Lands, Nye and White Pine - 15 Sites - TASKED
- Jarridge, Elko County - 9 Sites
- Jumping Jack, Nye County - 5 Sites
- Bellhellen, Clifford Mine, Nye County - 34 Sites
- 361 Relocation - Nye and Mineral Counties - 101 Sites





## HARD CLOSURES AND SURVEYS

### Ongoing Surveys

- Delamar – Cultural and Wildlife - 45 Sites
- Mount Irish – Cultural and Wildlife – 16 Sites
- Wells Field Office Projects – Cultural and Wildlife – 59 Sites
- Kingston, Nye County and Lander – Wildlife – 49 Sites
- Manhattan, Nye County – Wildlife – 41 Sites
- Maggie Summit, Elko County – Wildlife – 20 Sites
- Ruby Mountains, Elko County – Wildlife – 21 Sites
- Frontier 500 – Western Nevada – Wildlife – 93 Sites





# NDOM AML WASHOE SEARCH AND RESCUE COLLABORATION

## WSAR/NDOM Proposal

Two annual training sessions including collaboration with stakeholders

WSAR - NDOM

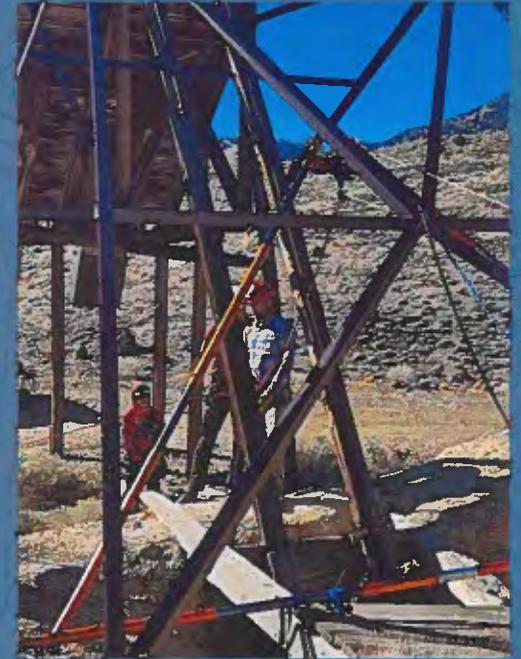
NDOW - NDF

Federal AML Partners (District Level)

Local Commercial Mine Engineering - Local Commercial Drone

Local Northern Nevada Mine Rescue

Local Individuals with Previous Federal AML Underground Training





# 2026 Outlook

1. Anticipated Increase in Hard Closure Approvals
2. Adjustments to Field Targeting and Increase Ground Truthing
3. Increased Collaboration with Federal, State, and Local Partners for AML Incident Readiness and AML Safety Training Programming
4. Increased Use of Drone Program in Conjunction with Intern / Hard Closure Survey Work
5. Continuing AML Program Commitment to Field Safety through Training and Drills

**H.**

## **2027 Nevada Division of Minerals Draft BDR Concepts and Budget Priority List**

### BDR List

#### 1. NDOM Natural Resource Permit Liaison

Create a new group of Natural Resource Permit specialists to facilitate State permit processes and work with the Federal Permitting Council on Fast 41 projects and project listing. This group would mimic Alaska's Office of Project Management and Permitting (OPMP) to a limited scale of Natural Resource projects. NDOM sees connections between the OPMP agency efforts to ensure responsible natural resource development while encouraging economic growth and development in Alaska akin to the Mission of the Division of Minerals. The Alaska program is an opt-in type program for natural resource development projects. The proponents pay OPMP resulting in no state general fund appropriations. The agency would also assist in the coordination of Federal actions. Funding from mining claim fees and project proponent fees would cover the cost of the program and would not impact on the state general fund. Significant collaboration with other state agencies would need to occur while developing the group. This move would directly align with Governor Lombardo's 3-year strategic plan's Vision and Mission as well as better align with Core Functions:

- 2.1 Facilitating A Business-Friendly Regulatory Environment
- 5.2. Providing Outstanding Customer Service
- 5.3. Collaborating With Other Agencies to Streamline Service Delivery and Improve Operational Efficiencies
- 6.1. Leading Production of Raw Materials as Well as Clean and Renewable Energy
- 6.2. Protecting And Managing Natural Resources
- 6.4. Ensuring Appropriate Access and Most Beneficial Use of Public Lands

#### 2. Combine two outlier mining groups into one agency

The concept is to move the B&I Mine Safety and Training Section (MSATS) under the Division of Minerals. This would better align industry focus into one house and create collaboration and communication between the currently separate groups. There are multiple overlapping duties and similar missions between the group. MSATS funding comes from the Mine Safety and Health Administration annual grants, and the move would not have an impact on the state general fund. This move would directly align with Governor Lombardo's 3-year strategic plan's Vision and Mission as well as better align with Core Functions:

- 2.1 Facilitating A Business-Friendly Regulatory Environment
- 5.2. Providing Outstanding Customer Service
- 5.3. Collaborating With Other Agencies to Streamline Service Delivery and Improve Operational Efficiencies
- 6.2. Protecting And Managing Natural Resources

3. Expand DMRE to include lithium production drilling if using DLE

Add dissolved minerals production well drilling under NDOM if there is no consumptive water use in DLE extraction technology into 534B. Currently if a company would like to produce lithium from brine in Nevada it is a DWR permit. If the DLE proponent can prove the technology will use a De minimis amount of water with all chemical and ion exchange happen at the surface in containment with no change in water/brine chemistry (outside of removal of lithium), then this permitting would mimic the existing geothermal permitting process. Collaboration with DEP and DWR would need to occur while developing the regulations. By having this under one agency it would meet multiple core functions under Governor Lombardo's 3-year Strategic plan.

- 2.1 Facilitating A Business-Friendly Regulatory Environment
- 5.2. Providing Outstanding Customer Service
- 5.3. Collaborating With Other Agencies to Streamline Service Delivery and Improve Operational Efficiencies
- 6.1. Leading Production of Raw Materials as Well as Clean and Renewable Energy
- 6.2. Protecting And Managing Natural Resources

Budget Priority List:

1. Review of agency personnel and roles and adjust pay scales.

The agency pay scales and position descriptions were last set in the 1990's with no adjustments made outside of COLAs. The agency has increased its daily duties and expanded its programs to have a larger impact on the state. Due to these expansions, many agency positions job duties far exceed their description and equivalent pay rates at comparable state agencies. NDOM proposes to perform a comprehensive review of job duties and compare them to similar positions across the state. The agency would adjust salaries to match similar state position pay rates to increase retention of the most qualified employees and promote professional development within the agency. We would also look to add a Management Analyst III to manage all budget, finances, and contracts and remove

ourselves from ASD. A new MAIII would result in cost savings for the agency compared to the cost of ASD.

2. Review of NDOM funding mechanisms to ensure adequate long-term funding to the agency

The Division would perform an in-depth review of its main funding mechanisms under NRS 513, 517, and 519A. Depending on the results, the agency would work with the Commission and Governor's Office to determine if a BDR is necessary to adjust the agency funding mechanisms.

DRAFT

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## **V. COMMISSION BUSINESS**

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**B.**



STATE OF NEVADA  
 COMMISSION ON MINERAL RESOURCES  
**DIVISION OF MINERALS**  
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**JOE LOMBARDO**  
 Governor

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

**ROBERT GHIGLIERI**  
 Administrator

**EXECUTIVE SUMMARY REPORTS**  
 October 2025

**Legislation, Industry, and Public Relations:** The agency continued to update regulations and received R-numbers for NAC 519A and 522. NAC 519A is scheduled for notice to be adopted in November. The agency continues to review and make changes in response to the August public workshop for 534A. The Administrator became a member of the IMCC Executive Director Replacement Committee. The current executive director has announced his retirement in 2026, and the committee has developed the job description and search. The agency attended the National Association of Abandoned Mine Lands Programs (NAAML) conference in Alabama and gave multiple presentations at technical sessions.

**Abandoned Mine Lands (AML):** The hard closure project work was completed at the historical Caselton mining district including 51 sites in Lincoln County, NV. AML staff coordinated with technical / financial partners to advance Good Samaritan Grant application including collaboration with BLM, EPA, Washoe County, and UNR. The AML Chief responded to public reports of open abandoned mines in Elko County. The AML Chief conducted public outreach events at Peavine Elementary School and UNR to discuss careers in Geology and SOSA messaging.

End-of-October AML statistics:

	SITES INVENTORIED	SITES SECURED	% Secured
Since 1987	26,594	21,661	81%
2024 To Date	564	361	64%

**Fluid Minerals:** Six sundries were processed for geothermal well activity. 10 geothermal resource development well permits were issued. Edits were reviewed to NAC 534A Geothermal regulations.

FY 2026 Well Inspections					
	Total # of Wells	# Wells Needed for FY26 (1/3 of total)	Wells Inspected this month	# of Wells Inspected in FY26	Wells Remaining
Geothermal	503	167	1	36	131
Oil	121	40	0	0	40
Totals	624	207	1	36	171

**Bond Pool:** One notice level bond was increased. NAC 519 update is scheduled for public hearing at the November CMR meeting. The bond pool is currently funded at 130.71%.

**Bond Pool Status**

Run Date: 11/10/2025      DAWN: 11/10/2025      Cash in Bond Pool: 3577367.19      Run

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	5.95%	\$148,743.53	91.21%
Dun Glen Mining Corp		Dun Glen Placer Mine	08/11/2014	\$371,138.00	13.56%	\$408,759.80	110.13%
Quartz Lake Mining		Red Rock Mill Project	08/16/2023	\$712,867.00	26.04%	\$540,472.61	75.81%
Sunrise Minerals LLC		Section 17 Project	05/31/2025	\$783,246.00	28.61%	\$492,360.64	62.86%
TNT Ventures c/o Western Mine and Mineral LLC		Big Canyon Project	05/11/2015	\$81,956.00	2.99%	\$100,762.90	122.94%
Western Mine Development - Terminated		Kingston Mill	01/28/2002	\$100,450.00	3.67%	\$0.00	0%
Western Mine Development - Terminated		Victorine Mine	01/28/2002	\$45,875.39	1.67%	\$0.00	0%
<b>Subtotal:</b>				<b>\$2,258,596.39</b>	<b>82.53%</b>	<b>\$1,691,099.48</b>	
<b>Statewide Notice-Level - 36 bonds</b>		Various	Various	\$478,247.00	17.47%	\$0.00	0%
<b>Total:</b>				<b>\$2,736,843.39</b>	<b>100%</b>		

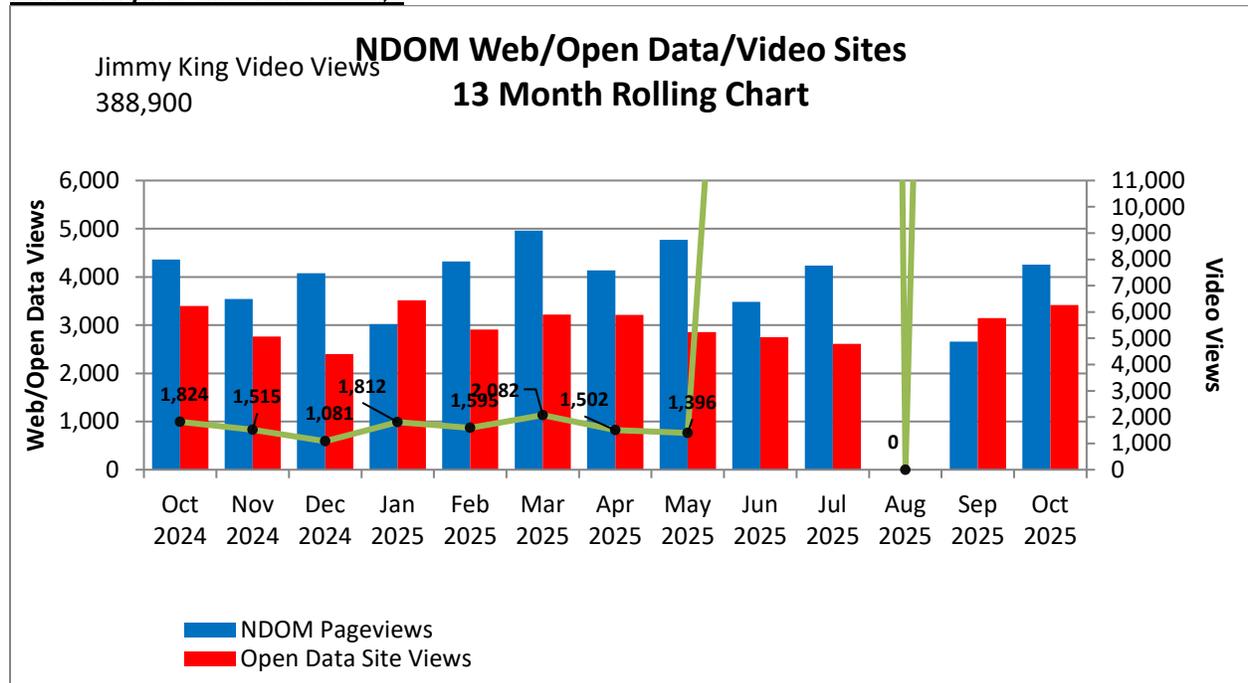
  

Total Bond Obligations	\$2,736,843.39
Cash in Pool's Account (From DAWN - 11/10/2025)	\$3,577,367.19
Funding Surplus	\$840,523.80
Percent Funded	130.71%

[export excel](#)

**Minerals Education and Outreach:** Carol Shelton presented to approximately 200 middle school students at Fremont Jr High school. Carol also Attended Dean Allen Elementary school career day and spoke to approximately 400 students about mining and AML. Carol wrote a mining and AML presentation for kindergarten and first grade.

**Website/Open Data Site Activity:**



**Financial, Personnel, and Safety:** The agency realized funding available at the end of October was \$4,069,189.38. Crystal Cruson was on maternity leave the month of October with an anticipated return date of December 1<sup>st</sup>. There were no work safety incidents in October.

## **MONTHLY ACTIVITY REPORTS**

### **October 2025**

#### **Administrator (Rob Ghiglieri):**

1. Attended the Geothermal Rising Conference in Reno.
2. Attended and presented at the annual Nevada Mineral Explorer Coalition meeting.
3. Held a meeting in Nevada's mining industry to discuss the State of Nevada's Union Mine Good Sam Project.
4. Updated draft regulation changes in response to the August public workshop for 534A. Draft NAC 534A will be ready for LCB in November
5. NAC 519A and 522 R-numbers and draft legislative language were received by LCB. NAC 519A is scheduled for notice to be adopted in November.
6. Become a member of the IMCC Executive Director Replacement Committee. The current executive director has announced his retirement in 2026, and the committee has developed the job description and search.
7. Participated in a UNR Mackay School Executive Advisory Board.
8. Gave a brief agency update at the SME Northern Nevada Chapter
9. Attended the National Association of Abandoned Mine Lands Programs (NAAML) conference in Alabama. Presented on the new Hardrock AML Report and filled in for the USGS to give their presentation on work using Nevada AML data (due to govt. shutdown)
10. Presented the Copper Report to a consortium of industry members at the Victory Logistics Complex in Fernley.
11. Participated in other various meetings and committees not mentioned above including geothermal and minerals industry members, EPA, NvMA, IMCC, NDEP, BLM, Governor's Office, and various members of the public.

#### **Deputy Administrator (Garrett Wake):**

1. Moderated a panel discussing the modern mining workforce at the Mining into the Future event hosted by Mobil and the NvMA; approximately 30 people attended the discussion.
2. Completed the third and final session of the Topcorp Oil and Gas regulatory course in Pittsburgh, PA.
3. Inspected two shut-in oil and gas wells in northeastern Lincoln County and one geothermal observation well drilling operation in Elko County.
4. Submitted one work program for category 09, Special Projects, for IFC consideration at the December meeting.
5. Finalized and submitted the FY25 closeout bond pool cash recon report to the Controller's office.
6. Managed and monitored the agency's finances, travel, bond pool, and contracts throughout the period.
7. Participated in the following: DHRM human resources training, CPM alumni professional education series, monthly RAMS database meeting, geothermal database progress meeting, and a McCaw board meeting.

#### **Bond Pool Activity:**

- One notice level bond was increased.
- NAC 519 update is scheduled for public hearing at the November CMR meeting.
- The bond pool is currently funded at 130.71%.

## Bond Pool Status

Run Date 11/10/2025

DAWN 11/10/2025

Cash in Bond Pool 3577367.19

Run

Reclamation Bond Pool Status Report		Current to: 11/10/2025				
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	5.95%	\$148,743.53	91.21%
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Total Bond Obligations			\$2,736,843.39			
Cash in Pool's Account (From DAWN - 11/10/2025)			\$3,577,367.19			
Funding Surplus			\$840,523.80			
Percent Funded			130.71%			
export excel						

### Chief, Abandoned Mine Lands Program (Sean Derby)

1. AML Chief conducted public outreach events at Peavine Elementary School and UNR to discuss careers in Geology and SOSA messaging.
2. Hard closure project work was completed at the historical Caselton mining district including 51 sites in Lincoln County, NV.
3. AML staff coordinated with technical / financial partners to advance Good Samaritan Grant application including collaboration with BLM, EPA, Washoe County, and UNR
4. AML staff coordinated site access and took part in Washoe County Search and Rescue AML specific training in Virginia City, NV.
5. AML Chief reported FY25 closure performance on BLM ground.
6. AML Chief responded to public reports of open abandoned mines in Elko County.
7. AML Chief received preliminary reporting from field work at the Freiberg Environmental Remediation project.
8. AML Chief coordinated BLM Caliente to review raw data from lab work completed after the Friedberg fieldwork.
9. AML staff tasked Mountain States Restoration LLC with safeguarding projects including 100+ sites near Dyer, NV.
10. AML staff completed NEPA compliance for OEPC funded State Land Hard Closure Project and is awaiting SHPO approval.

	SITES INVENTORIED	SITES SECURED	% Secured
Since 1987	26,594	21,661	81%
2024 To Date	564	361	64%

AML Hard Closure Project Pipeline

Planning Phase	Wildlife/Cultural Surveys in Progress	Pending CX	CX District Approval Pending	In Progress	Recently Completed
	Mt. Irish	WFO East; Elko, 24 hazards	Jarbidge, Elko, 9 Hazards		Caselton; Lincoln, 51 hazards
	Frontier 500	361 NDOT, Mineral & Nye, 100 Hazards			
		Kingston; Nye & Lander , 49 hazards	Jumping Jack, Nye, 5 hazards		
	Delamar, Lincoln County, 45 Hazards		State Lands OEPC 27 Sites (Pending EA)		

**GIS/ Field Specialist (Lucia Patterson):**

1. Finished assigning mineral survey numbers to patented mining claim points from the MLRS data snapshots.
2. Updated mining claims, plan, notice, and ROW data on the open data site.
3. Prepared for and led a geology field trip to the Fly Geyser with the Bethlehem Lutheran 4<sup>th</sup> grade class.
4. Attended the Nevada Mining Association’s Environmental committee meeting in Winnemucca.
5. Presented the new mineral reservation web application to the Nevada Land Mans Association. <https://data-ndom.opendata.arcgis.com/apps/302eacfd5ec84880b69c0b9a0480d738>
6. Prepared for Trunk-or-treat events at the Nevada State Museum and Bethlehem Lutheran school.
7. Worked on compiling the Major Mines publication.
8. Attended the NMEC annual meeting at the Nugget.
9. Compiled a script to process BLM case recordation with land descriptions appended for various web applications.

**Field Specialist (Rick Kauffman)**

1. Attended and presented at the 2025 NAAMLPL meeting in Gulf Shores AL. The presentation was a high-level overview of the Hard Rock data collection process across Nevada, California and Wyoming. I also covered for the BLM representative on the USMIN data set.
2. Reviewed the QR questionnaire from the 2025 NAAMLPL presentation for interest and cost estimates for a 3-day Hard Rock data collection training for the 2026 NAAMLPL Winter meeting.
3. Created proximity maps for Geothermal permitting.
4. Updated OGG production data into the database.
5. Uploaded Monthly AML photos into SOSA
6. Attended Top Corp Environmental Stewardship training in Pittsburg PA.

**AML/Fluid Minerals Field Specialist (Peter Engh):**

1. Continued developing the Good Samaritan Application for the Union Mine, refining technical sections and incorporating stakeholder input.
2. Coordinated with NDEP, SRK, and Broadbent to finalize engineering design narratives, site characterization details, and access considerations.

3. Led internal coordination meetings with NDOM and NDEP to align schedules and prepare supporting materials for EPA review.
4. Traveled to Southern Nevada for a site visit of the Pioche/Castleton hard-closure project
5. Completed a Well inspection near Caliente Nevada
6. Attended the 2025 NAAMLPL conference in Gulf Shores Alabama
7. Processed a backlog of data requests created by the statewide cyberattack and returned to normal response workflows.
8. Continued working through the HAZWOPER 40-hour course.
9. Managed Garmin Messenger devices and winter subscription updates to ensure readiness for cold-weather field work.
10. Scheduled late-season reclamation follow-up meetings with Trout Unlimited for Jarbidge and Owyhee project leads.

**Fluid Minerals Program Manager (Dustin Holcomb):**

1. Attend the Geothermal Rising Conference.
2. Attend monthly staff meetings.
3. Attend the IOGCC Geothermal Operations State Regulatory Forum online.
4. Help design the SQL Geothermal Database.
5. Delegate Fluid Mineral compliance duties to the program manager.
6. Monitor the BLM Geothermal Lease Sale.
7. Meet with the BLM for the monthly coordination meeting.
8. Review edits to NAC 534A Geothermal Regulations.
9. Process 6 Sundries for geothermal well activity.
10. Issue 10 Geothermal Resource Development Well Permits.
11. Deputy Administrator inspected EHC Obs 1 (#1662) during drilling operations.

FY 2026 Well Inspections					
	Total # of Wells	# Wells Needed for FY26 (1/3 of total)	Wells Inspected this month	# of Wells Inspected in FY26	Wells Remaining
Geothermal	503	167	1	36	131
Oil	121	40	0	0	40
Totals	624	207	1	36	171

Well Drilling Operations					
Permit	Well	Operator	Field	Type	Status
1650	52-1	Ormat Nevada	HMY	TG	Complete
1651	54-14	Ormat Nevada	HMY	TG	Complete
1652	63-12	Ormat Nevada	HMY	TG	Complete
1678	ROS-28-15	Zanskar Geothermal	ROS	TG	Complete
1602	46(37)-2	Ormat Nevada	CRV	Ind-Inj	Drilling
1662	Obs #1	EHC	Elko	Obs	Drilling
1673	46-23	Ormat Nevada	MGE	Ind-Pro	Drilling
W0055	65-19	Ormat Nevada	PTO	DMRE	Completed
W0058	51-19	Ormat Nevada	PTO	DMRE	Drilling

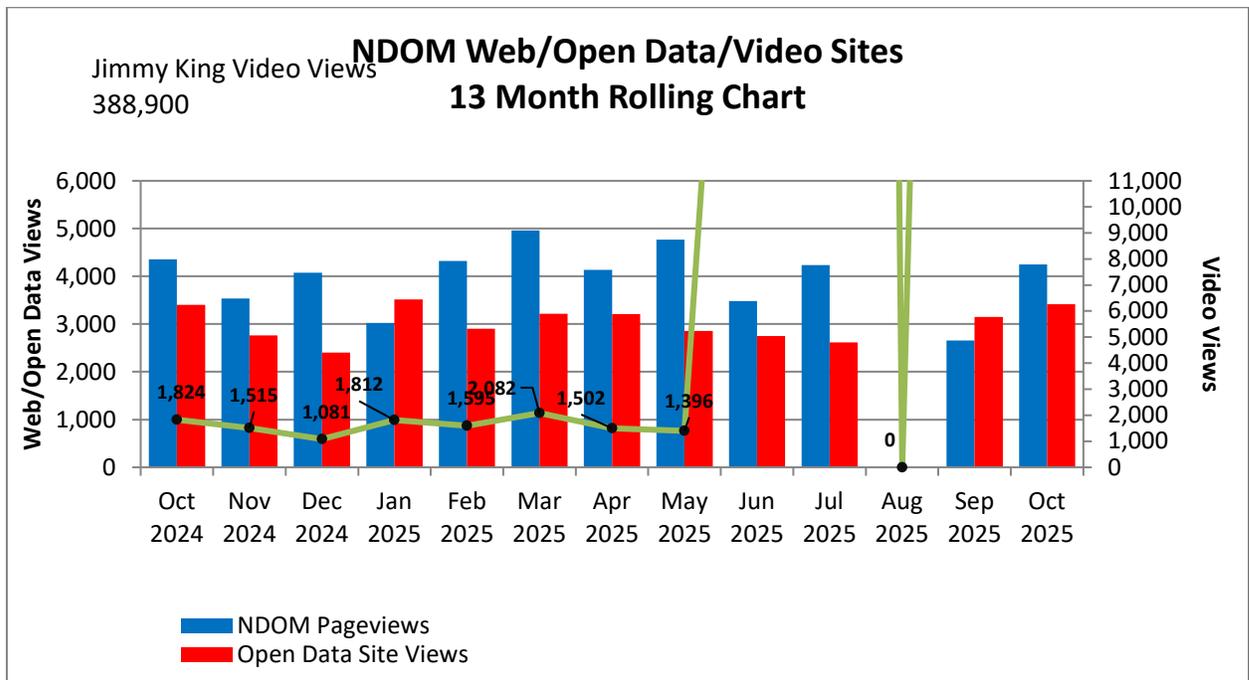
**Project Manager (Keith Hayes):**

1. Sent Monthly Trip Reports to Fleet Services
2. Assisted Fluid Minerals Program with database entries
3. Had 5000 Education Outreach business cards printed, sent 3500 to Carol S.

4. Uploaded insurance and agency info to SME MINEXCHANGE website in advance of conference in February
5. Attended TOPCORP course in Pittsburgh, PA
6. Assisted with prepping materials for GRC Conference
7. Managed daily, monthly, and quarterly reports for Fluid Minerals Program

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

1. I wrote a 90-minute middle school presentation on rocks, minerals, mining, critical minerals, mining in Nevada and AML in addition to modifying the mineral identification activity for the time allowance and created a Kahoot quiz.
2. I wrote a mining and AML presentation for kindergarten and first grade.
3. Attended the NVMA Education Committee meeting
4. Kicked off two All About Mining opening live sync meetings. Responded to emails from participants and scored submitted work.
5. Presented to approximately 200 middle school students at Fremont Jr High school.
6. Attended Dean Allen Elementary school career day. Spoke to approximately 400 students about mining and AML.
7. I'm getting back into the swing of things. And I very much appreciate all the support and kindness shown to me by NDOM and the Commission during my illness.





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**ROBERT GHIGLIERI**  
 Administrator

**EXECUTIVE SUMMARY REPORTS**  
 November 2025

**Legislation, Industry, and Public Relations:** The agency attended the Interstate Mining Compact Commission Meeting in Washington D.C. While in D.C. the Administrator and GIS Analyst met and presented the Copper Processing report and National Hardrock AML report with all of Nevada’s delegation staff. The Administrator also represented NAAML, and presented in a briefing to over 30 Senate staffers the National Hardrock AML report and also held meetings in coordination with IMCC on both the House and Senate Minority and Majority Natural Resource Committee Staffers.

**Abandoned Mine Lands (AML):** NDOM AML attended recruiting events at UNR and opened the application for the 2026 Summer Internship, 6 applicants have currently submitted applications. Mountain States Restoration LLC completed safeguarding of 57 out of 115 sites tasked in November and inventoried and additional 12 hazards near Dyer, NV. AML staff tasked EPS with seasonal hard closure repair work on behalf of NDOW in White Pine, Lander, and Lyon County.

End-of-November AML statistics:

	SITES INVENTORIED	SITES SECURED	% Secured
Since 1987	26,610	21,718	81%
2024 To Date	580	418	72%

**Fluid Minerals:** Thirty-three geothermal well permit applications were reviewed in November. 5 sundries were processed and twelve geothermal resource development well permits were issued.

FY 2026 Well Inspections					
	Total # of Wells	# Wells Needed for FY26 (1/3 of total)	Wells Inspected this month	# of Wells Inspected in FY26	Wells Remaining
Geothermal	503	167	0	36	131
Oil	121	40	4	4	36
Totals	624	207	4	40	167

**Bond Pool:** There were no new bonds, increases, decreases or releases in the month of November. The bond pool is currently funded at 130.71%.

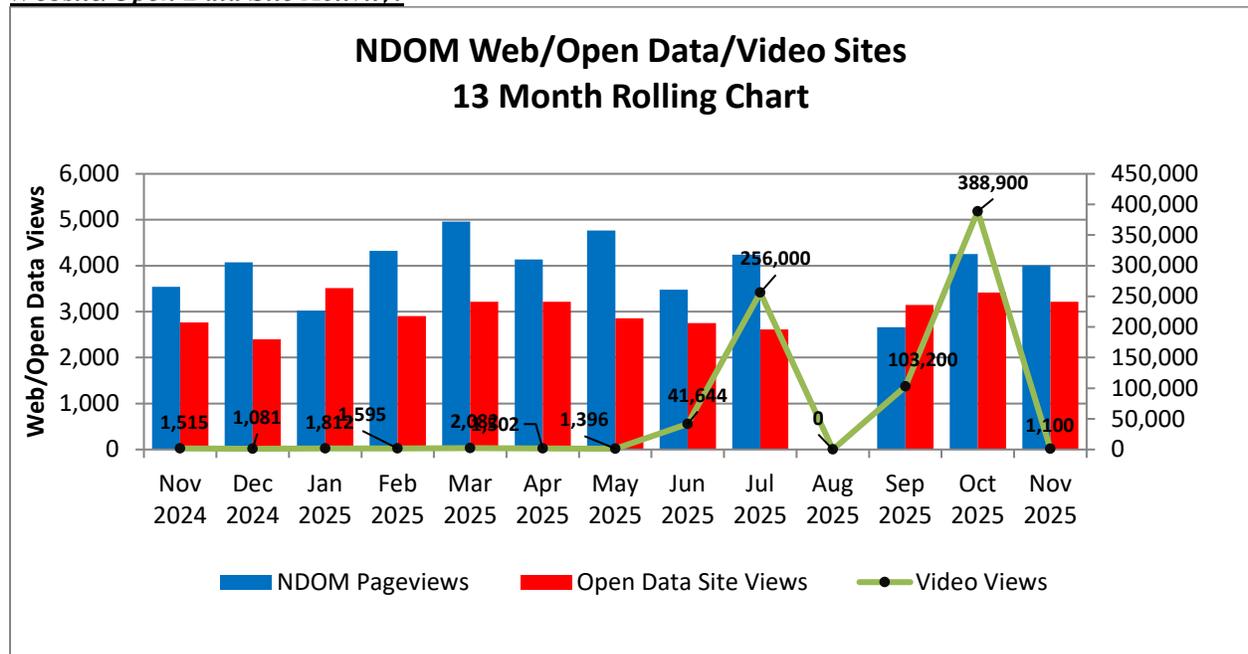
**Bond Pool Status**

Run Date: 12/04/2025      DAWN: 12/04/2025      Cash in Bond Pool: 3577367.19     

Reclamation Bond Pool Status Report		Current to: 12/04/2025				
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	5.95%	\$148,743.53	91.21%
Dun Glen Mining Corp	Dun Glen Placer Mine	08/11/2014	\$371,138.00	13.56%	\$408,759.80	110.13%
Quartz Lake Mining	Red Rock Mill Project	08/16/2023	\$712,867.00	26.04%	\$556,199.59	78.02%
Sunrise Minerals LLC	Section 17 Project	05/31/2025	\$783,246.00	28.61%	\$492,360.64	62.86%
TNT Ventures c/o Western Mine and Mineral LLC	Big Canyon Project	05/11/2015	\$81,956.00	2.99%	\$100,762.90	122.94%
Western Mine Development - Terminated	Kingston Mill	01/28/2002	\$100,450.00	3.67%	\$0.00	0%
Western Mine Development - Terminated	Victorine Mine	01/28/2002	\$45,875.39	1.67%	\$0.00	0%
Subtotal:			\$2,258,596.39	82.53%	\$1,706,826.46	
<b>Statewide Notice-Level - 36 bonds</b>			Various	Various	\$478,247.00	17.47%
Total:			\$2,736,843.39	100%		
Total Bond Obligations			\$2,736,843.39			
Cash in Pool's Account (From DAWN - 12/04/2025)			\$3,577,367.19			
Funding Surplus			\$840,523.80			
Percent Funded			130.71%			

**Minerals Education and Outreach:** Carol Shelton conducted mining, mineral, and AML presentations at two middle schools, 13 presentations at Burkholder MS to 150 students and 8 presentations at Tarkanian MS to 560 students. All sessions included Kahoot activities. Carol also Conducted three career day presentations at elementary schools and discussed mining and careers in mining in Nevada. 7 presentations to 140 students at Richard Bryan ES, 4 presentations to 100 students at Helen Smith ES, and 3 presentations to 150 students at Tarr ES.

**Website/Open Data Site Activity:**



**Financial, Personnel, and Safety:** The agency realized funding available at the end of November was \$4,116,123.37. There were no work safety incidents in November.

## MONTHLY ACTIVITY REPORTS

November 2025

### **Administrator (Rob Ghiglieri):**

1. Attended the Interstate Mining Compact Commission Meeting in Washington D.C.
2. Met and presented the Copper Processing report and National Hardrock AML report with all of Nevada's delegation staff.
3. Representing NAAML, I presented in a briefing to over 30 Senate staffers the National Hardrock AML report and also held meetings in coordination with IMCC on both the House and Senate Minority and Majority Natural Resource Committee Staffers.
4. Held a Commission on Mineral Resource meeting in Reno at the Ormat office.
5. Attended the UNR Bureau of Mines and Geology annual meeting and chaired the State Mapping Advisory Committee meeting.
6. Met with the UNR Provost Thompson and Vice Provost Catalano on the concept of a Critical Mineral Center of Excellence within UNR.
7. Met with NDEP, NBMG, and the Greenfield Environmental Trust who are in control of the Caselton AML site in Lincoln County. We plan to start a coordinated effort of better site evaluation and potential plan for cleanup and repressing of the mine waste and tailings.
8. Participated in other various meetings and committees not mentioned above including geothermal and minerals industry members, EPA, Governor's Office of Energy, NvMA, IMCC, NDEP, BLM, Governor's Office, and various members of the public.

### **Deputy Administrator (Garrett Wake):**

1. Attended the quarterly Nevada Commission on Mineral Resources meeting and presented on the agency's finances.
2. Conducted a presentation on mining and minerals to one class at the College of Southern Nevada; three participants in attendance.
3. Created the 2025 Nevada Excellence in Reclamation Awards flyer highlighting this year's three award winners.
4. Worked with C. Shelton to revise the agency's Language Access Plan per state requirements.
5. Created the Division's Infant at Work policy allowing parents with newborns to return to work sooner.
6. Reviewed a subset of digitized and renamed geothermal documents returned from a Division contractor and provided feedback; this is part of a CMR approved project.
7. Processed one AML contract change order for sampling work at the Taylor Mill.
8. Assisted the Department of Administration as an evaluator for an RFP for enterprise leader coaching; evaluation meeting scheduled for mid-December.
9. Managed and monitored the agency's finances, travel, bond pool, and contracts throughout the period.
10. Participated in the following: Veteran's peer mentor meeting, bond pool database meeting, geothermal database meeting, monthly RAMS SOSA meeting, NDOM staff meeting, CMR meeting, and an education committee meeting.

#### Bond Pool Activity:

- No new bonds, increases, decreases or releases in the month of November.
- The bond pool is currently funded at 130.71%.

### **Chief, Abandoned Mine Lands Program (Sean Derby)**

1. NDOM AML attended recruiting events at UNR at opened the application for the 2026 Summer Internship, 6 applicants have currently submitted applications.

2. AML Chief attended NVMA’s 1<sup>st</sup> instructor workshop.
3. AML staff coordinated with WSAR and potential stakeholders to discuss the formation of a Northern Nevada AML Rescue Task Force to enhance readiness and training outcomes for future potential AML incidents.
4. AML Chief facilitated additional spending approval through interdepartmental collaboration with NDEP AML to complete the final step of the Taylor Mill remediation project in White Pine County.
5. AML staff tasked EPS with seasonal hard closure repair work on behalf of NDOW in White Pine, Lander, and Lyon County.
6. Mountain States Restoration LLC completed safeguarding of 57 out of 115 sites tasked in November and inventoried and additional 12 hazards near Dyer, NV.

	SITES INVENTORIED	SITES SECURED	% Secured
Since 1987	26,610	21,718	81%
2024 To Date	580	418	72%

AML Hard Closure Project Pipeline					
Planning Phase	Wildlife/Cultural Surveys in Progress	Pending CX	CX District Approval Pending	In Progress	Recently Completed
	Mt. Irish	WFO East; Elko, 24 hazards	Jarbidge, Elko, 9 Hazards		Casleton; Lincoln, 51 hazards
	Frontier 500		361 NDOT, Mineral & Nye, 100 Hazards		ST-0050
		Kingston; Nye & Lander , 49 hazards	Jumping Jack, Nye, 5 hazards		Annual BCC Repairs
	Delamar, Lincoln County, 45 Hazards		State Lands OEPC 27 Sites (Pending EA)		

**GIS/ Field Specialist (Lucia Patterson):**

1. Attended IMCC meeting in Washington DC and went to several meetings with our delegation.
2. Updated annual status and production, mining claims, plan, notice, and ROW data on the open data site.
3. Compiled certain BLM public land statistics for the last decade and created a new web app with the latter. <https://data-ndom.opendata.arcgis.com/apps/c4adb5bbb48649688b5b78cd431b48e1>
4. Updated the Critical Minerals Web Application.
5. Completed the Major Mines Publication.
6. Partially updated the NEPA viewer following our server recovery.
7. Compiled a complete record of title for the Nevada Good-Sam project.
8. Completed a new “Operating Mines, Exploration Projects, Geothermal Power Plants, and Oil Wells” map. <https://mineralsgis.nv.gov/OdsDocs/NDOMMinesMap.pdf>
9. Prepared materials for our AEMA booth.

**Field Specialist (Rick Kauffman)**

1. Assisted the Washoe Valley HASTY team in underground abandoned mine rescue training. Also assisted Sean in research to create a Statewide emergency rescue AML response team. This included

various trainings that were conducted by the BLM in about the 2022 era, as well as an outline on the Slovak Republic AML response team.

2. Updated the OGG production data for Dustin that was backlogged.
3. Updated AML SOSA photos script that can now be used with the NEX GEN SOSA database.
4. Had discussions with New York and Maryland on creating AML databases. Created a data package that includes various examples of the workflows we use to collect and store AML data.
5. Worked on preparation for the March 2026 NAAML P data collection training. Still waiting to hear from Moria about funding, an answer is expected by mid-December.

**AML/Fluid Minerals Field Specialist (Peter Engh):**

1. Continued developing the Good Samaritan Application for the Union Mine, refining technical sections and incorporating stakeholder input.
2. Coordinated with NDEP, SRK, and Broadbent to finalize engineering design narratives, site characterization details, and access considerations.
3. Led internal coordination meetings with NDOM and NDEP to align schedules and prepare supporting materials for EPA review.
4. Participated in the UNR career fair to recruit and engage with potential applicants for the summer internship
5. Worked with Lucia to determine ownership and mineral rights associated with the Union mine property
6. Attended NDOM RAMS meeting and suggested edits to the AML SOSA nexgen website
7. Worked with EPA to determine eligibility of Union Mine site
8. Processed Data requests for NDOW and others
9. Registered for SME conference

**Fluid Minerals Program Manager (Dustin Holcomb):**

1. Attend monthly staff meetings
2. Meet with the BLM for the monthly coordination meeting.
3. Interview with the Las Vegas Sun newspaper about geothermal activity.
4. Delegate permit compliance duties to Program Manager to help with Fluids Program.
5. Tabulate inspection data from the period when the servers were shut down due to cyber incident.
6. Review 33 geothermal well permit applications.
7. Process 5 Sundries for geothermal well activity.
8. Issue 12 Geothermal Resource Development Well Permits.
9. Respond to several inquiries on geothermal permitting and data requests.

FY 2026 Well Inspections					
	Total # of Wells	# Wells Needed for FY26 (1/3 of total)	Wells Inspected this month	# of Wells Inspected in FY26	Wells Remaining
Geothermal	503	167	0	36	131
Oil	121	40	4	4	36
Totals	624	207	4	40	167

Well Drilling Operations					
Permit	Well	Operator	Field	Type	Status
1578	33-15	Open Mountain	WAB	Ind-Prod	Complete
1602	46(37)-2	Ormat	CRV	Ind-Inj	Complete
1648	54A-14	Ormat	HMY	TG	Complete
1649	46-1	Ormat	HMY	TG	Complete

1650	52-1	Ormat	HMY	TG	Complete
1654	83(13-12)-11	Ormat	HMY	TG	Complete
1662	Observation#1	Elko Heat	ELK	Obs	Complete
1671	46-23	Ormat	MGE	Ind-Prod	Complete
1679	ROS 68-27	Zanskar	ROS	TG	Complete
1594	87-31	Ormat	LMT	Ind-Pro	Drilling
1680	38A-23	Ormat	WWD	Ind-Pro	Drilling
1670	24A-23	Ormat	MGE	Ind-Pro	Drilling
W0039	31(41)-18	Ormat	EXC	DMRE	Drilling
W0058	51-19	Ormat	PNT	DMRE	Complete

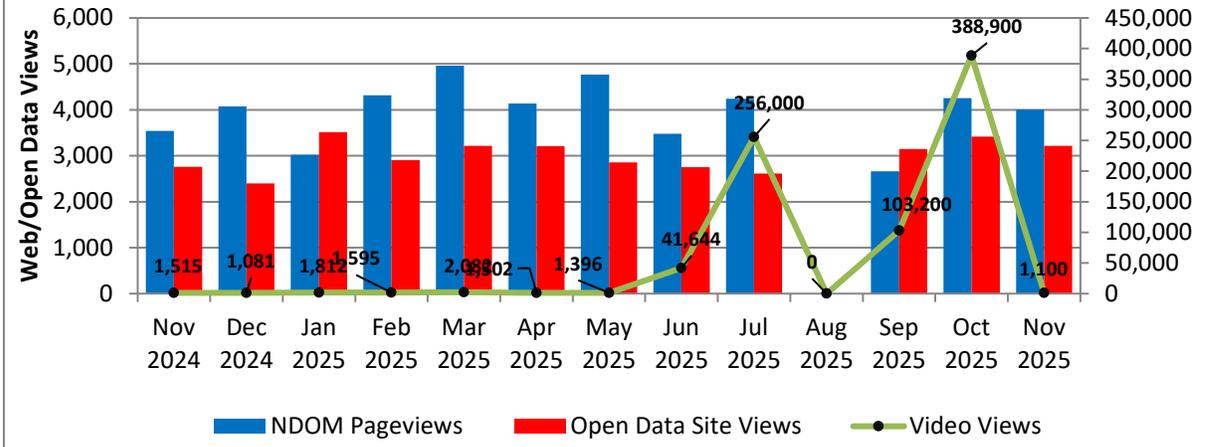
**Project Manager (Keith Hayes):**

1. Sent Monthly Trip Reports to Fleet Services
2. Assisted Fluid Minerals Program with database entries and compliance issues
3. Attended NVMA Instructor Institute
4. Registered NDOM booth for GRC Houston (2026)
5. Designed and ordered four new banners from Skyline
6. Purchased furnishings and electrical service for AEMA and made sure all attendees were registered
7. Registered Sean D. and Peter E. for SME MINEXCHANGE (February 2026) and ordered all booth furnishings
8. Attended Education Committee meeting with NVMA to discuss Workshops
9. Managed daily, monthly, and quarterly reports for Fluid Minerals Program until Crystal C. returned.

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

1. Attended the NVMA speaker training and participated in the Education Committee online meeting.
2. Prepared and submitted paperwork to the CCSD PLE Office so that teachers attending our Spring All About Mining class and our Southern Nevada Teachers Workshop will get Professional Development Education credit for attending.
3. Hosted the Fall All About Mining closeout live sync and submitted the necessary paperwork to the PLE Office so that teachers who completed the course will receive credit. CCSD PDE credits are now offered free of charge per the PLE office.
4. Attended an ArcGIS for Microsoft 365 webinar.
5. Conducted mining, mineral, and AML presentations at two middle schools. All sessions also included Kahoot activities.
  - a. Burkholder MS 13 presentations to 150 students
  - b. Tarkanian MS 8 presentations to 560 students
6. Conducted three career days presentations at elementary schools and discussed mining and careers in mining in Nevada.
  - a. Richard Bryan ES 7 presentations to 140 students
  - b. Helen Smith ES 4 presentations to 100 students
  - c. Tarr ES 3 presentations to 150 students

### NDOM Web/Open Data/Video Sites 13 Month Rolling Chart





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/>



**JOE LOMBARDO**  
 Governor

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**ROBERT GHIGLIERI**  
 Administrator

**EXECUTIVE SUMMARY REPORTS**  
 December 2025

**Legislation, Industry, and Public Relations:** The agency attended the annual American Exploration and Mining Association conference in Reno with over 2,000 attendees. The Administrator participated in a Las Vegas PBS interview on mineral processing with Amanda Hilton, the President of the Nevada Mining Association. The GIS specialist updated the NDOM Open data website with all federal land BLM Case Recordation for the western U.S. The web app with the data can be found [here](#):

**Abandoned Mine Lands (AML):** Mountain States Restoration LLC continued safeguarding work near Dyer, NV with 89 out of 115 sites tasked in November. AML staff began ground truthing proposed mapping areas for this coming intern field season in northcentral Nye County and provided field support to NDOM’s DMRE program with site surveys in Esmeralda and Nye Counties. AML staff tasked EPS with seasonal hard closure repair work on behalf of NDOW in White Pine, Lander, and Lyon County. End-of-December AML statistics:

	SITES INVENTORIED	SITES SECURED	% Secured
Since 1987	26,610	21,728	81%
2024 To Date	580	428	72%

**Fluid Minerals:** Annual geothermal invoices were processed and mailed out. Fifteen geothermal well permit applications were reviewed. 7 sundries were processed for geothermal well activity, and 2 geothermal resource development well permits were also issued.

FY 2026 Well Inspections					
	Total # of Wells	# Wells Needed for FY26 (1/3 of total)	Wells Inspected this month	# of Wells Inspected in FY26	Wells Remaining
Geothermal	503	167	5	41	126
Oil	121	40	0	4	36
Totals	624	207	5	45	162

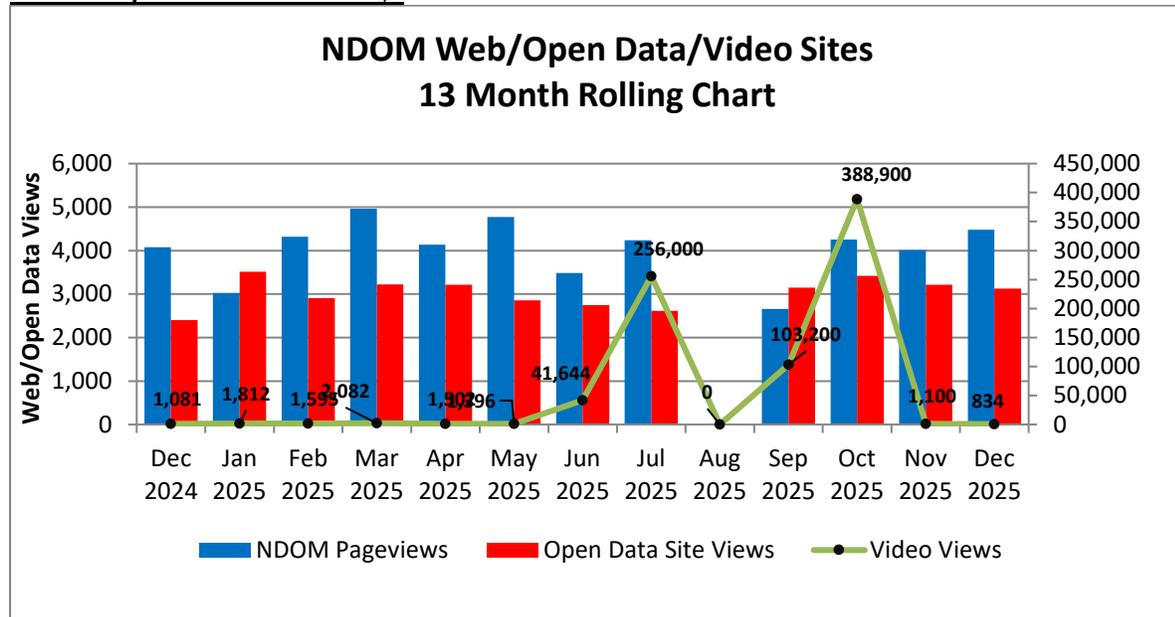
**Bond Pool:** There were no new bonds, increases, decreases, or releases in the month of December. The bond pool is currently funded at 133.68%

## Bond Pool Status

Run Date	01/06/2026	DAWN	01/06/2026	Cash in Bond Pool	3658591.08	Run	
Reclamation Bond Pool Status Report			Current to: 01/06/2026				
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	5.95%	\$152,715.79	93.65%	
Dun Glen Mining Corp	Dun Glen Placer Mine	08/11/2014	\$371,138.00	13.56%	\$408,759.80	110.13%	
Quartz Lake Mining	Red Rock Mill Project	08/16/2023	\$712,867.00	26.04%	\$556,199.59	78.02%	
Sunrise Minerals LLC	Section 17 Project	05/31/2025	\$783,246.00	28.61%	\$509,409.84	65.03%	
TNT Ventures c/o Western Mine and Mineral LLC	Big Canyon Project	05/11/2015	\$81,956.00	2.99%	\$101,172.68	123.44%	
Western Mine Development - Terminated	Kingston Mill	01/28/2002	\$100,450.00	3.67%	\$0.00	0%	
Western Mine Development - Terminated	Victorine Mine	01/28/2002	\$45,875.39	1.67%	\$0.00	0%	
Subtotal:			\$2,258,596.39	82.53%	\$1,728,257.70		
Statewide Notice-Level - 36 bonds		Various	Various	\$478,247.00	17.47%	\$0.00	0%
Total:			\$2,736,843.39	100%			
Total Bond Obligations			\$2,736,843.39				
Cash in Pool's Account (From DAWN - 01/06/2026)			\$3,658,591.08				
Funding Surplus			\$921,747.69				
Percent Funded			133.68%				
<input type="button" value="export excel"/>							

**Minerals Education and Outreach:** Carol Shelton was out for the month of December due to health reasons.

### **Website/Open Data Site Activity:**



**Financial, Personnel, and Safety:** The agency realized funding available at the end of December was \$3,802,499.05. There were no work safety incidents in December.

## MONTHLY ACTIVITY REPORTS

December 2025

### **Administrator (Rob Ghiglieri):**

1. Attended the annual American Exploration and Mining Association (AEMA) conference in Sparks.
2. With Amanda Hiliton of the Nevada Mining Association, participated in a Las Vegas PBS interview on Nevada mineral processing.
3. Attended the quarterly FRTC Meeting in Fallon.
4. Met with the EPA and project partners at the Union Mine for the potential Good Sam AML project. Currently the EPA solicitors are evaluating the eligibility of the project.
5. Held a follow up meeting with NDEP, NBMG, and the Greenfield Environmental Trust on the Caselton AML site in Lincoln County. We continued to coordinate an effort of better site evaluation and potential plan for cleanup and repressing of the mine waste and tailings.
6. Participated in other various meetings and committees not mentioned above including geothermal and minerals industry members, EPA, Governor's Office of Energy, NvMA, IMCC, NDEP, BLM, GOED Governor's Office, and various members of the public.

### **Deputy Administrator (Garrett Wake):**

1. Attended the American Exploration and Mining Association annual conference in Reno, Nev.
2. Prepared and submitted annual reporting for two federal grants supporting the Abandoned Mine Lands program.
3. Prepared adoption paperwork for updates to NAC 519A.
4. Reviewed digitized "type 2" geothermal documents submitted by the agency's contractor and provided feedback on the current process.
5. Participated in an RFP evaluation meeting for the Department of Administration for a contract relating to executive coaching.
6. Managed and monitored the agency's finances, travel, bond pool, and contracts throughout the period.
7. Participated in the following: PDAC kickoff meeting, monthly RAMS SOSA meeting, McCaw School of Mines board meeting, Burkholder Magnet School Advisory Board meeting, and WNDD conference meeting.

#### Bond Pool Activity:

- No new bonds, increases, decreases or releases in the month of December.
- The bond pool is currently funded at 133.68%.

## Bond Pool Status

Run Date	01/06/2026	DAWN	01/06/2026	Cash in Bond Pool	3658591.08	Run	
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Western Mine Development - Terminated	Kingston Mill	01/28/2002	\$100,450.00	3.67%	\$0.00	0%	
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Subtotal:			\$2,258,596.39	82.53%	\$1,728,257.70		
Statewide Notice-Level - 36 bonds		Various	Various	\$478,247.00	17.47%	\$0.00	0%
Total:			\$2,736,843.39	100%			
Total Bond Obligations			\$2,736,843.39				
Cash in Pool's Account (From DAWN - 01/06/2026)			\$3,658,591.08				
Funding Surplus			\$921,747.69				
Percent Funded			133.68%				
export excel							

### Chief, Abandoned Mine Lands Program (Sean Derby)

1. NDOM AML Chief established access and hard closure agreements with private landowners in Storey and White Pine counties to secure and repair highly ranked hazards with critical bat habitat.
2. AML Chief coordinated with NDOW and AML contractor EPS to begin repair work on BCC style closures statewide.
3. AML Chief presented an annual update to the Northwest Bat Working Group hosted by NDOW.
4. AML Chief submitted annual progress and cultural avoidance reports to BLM districts statewide and BLM regional offices.
5. AML staff tasked EPS with seasonal hard closure repair work on behalf of NDOW in White Pine, Lander, and Lyon County.
6. Mountain States Restoration LLC continued safeguarding work near Dyer, NV with 89 out of 115 sites tasked in November.
7. AML staff began ground truthing proposed mapping areas for this coming intern field season in northcentral Nye County and provided field support to NDOM's DMRE program with site surveys in Esmeralda and Nye Counties.
8. AML chief corresponded with SOSA users and AML contractor Broadbent to troubleshoot functionality and user permissions on the Next Gen SOSA app.

	SITES INVENTORIED	SITES SECURED	% Secured
Since 1987	26,610	21,728	81%
2024 To Date	580	428	72%

AML Hard Closure Project Pipeline					
Planning Phase	Wildlife/Cultural Surveys in Progress	Pending CX	CX District Approval Pending	In Progress	Recently Completed
		WFO East; Elko, 24 hazards	Jarbidge, Elko, 9 Hazards		Caselton; Lincoln, 39 hazards

	Frontier 500	Mt. Irish	361 NDOT, Mineral & Nye, 100 Hazards		ST-0050
		Kingston; Nye & Lander , 49 hazards	Jumping Jack, Nye, 5 hazards		Annual BCC Repairs
		Delamar, Lincoln County, 45 Hazards	State Lands OEPC 27 Sites (Pending EA)		

**GIS/ Field Specialist (Lucia Patterson):**

1. AEMA preparation and attendance.
2. Updated annual status and production, mining claims, plan, notice, and ROW data on the open data site.
3. Updated lithium claims data and maps.
4. Compiled all BLM Case Recordation for the western U.S. following discussions with BLM at AEMA. The web app with the data can be found here:  
<https://experience.arcgis.com/experience/357001ff0b934b48a5a18c1114454437>
5. Worked on the AML exhibit at the museum.

**Field Specialist (Rick Kauffman)**

1. Loaded field data for Sean and Pete.
2. Completed annual AML maps and data for the Forrest Service.
3. Completed 2 geothermal rig visits to Whirlwind and Denio.
  1. Attended the AEMA geologic conference in Reno.
4. Updated the Geothermal project area map to include the Rose of Snowville, as well site location verifications.
5. Collected 9 soil samples for the good sam project.
6. Created a Fiscal Year annual AML field work map for the BLM.
7. Completed the 2025 BLM CRAC forms and maps for yearly reporting.
8. Organized training schedule for the 2026 NAAMLDP Database and Field Collection training.

**AML/Fluid Minerals Field Specialist (Peter Engh):**

1. Continued developing the Good Samaritan Application for the Union Mine, refining technical sections and incorporating stakeholder input.
2. Coordinated with NDEP, SRK, and Broadbent to finalize engineering design narratives, site characterization details, and access considerations.
3. Led internal coordination meetings with NDOM and NDEP to align schedules and prepare supporting materials for EPA review.
4. Worked with EPA on site eligibility
5. Hosted a site visit with the EPA at the Union Mine
6. Attended the Bat Blitz meeting and represented NDOM
7. Traveled to Central Nevada to do late season field recon with drones
  - a. Visited DMRE sites for inspections
8. Input HRC data and pictures for SOSA
9. Processed GIS data requests for the GIS Analyst III

**Fluid Minerals Program Manager (Dustin Holcomb):**

1. Meet with the BLM for the monthly coordination meeting.

2. Meet with the Japanese Ministry of Economy, Trade and Industry METI.
3. Visit two drill rigs, one at McGee and the other in Whirlwind Valley.
4. Attend AEMA Conference for one day.
5. Review permit compliance duties with Program Manager.
6. Review 15 geothermal well permit applications.
7. Process 7 Sundries for geothermal well activity.
8. Issue 2 Geothermal Resource Development Well Permits.
9. Issue 1 Geothermal Project Area Permit.
10. Respond to several inquiries on geothermal permitting and data requests.
11. Process and mail out Geothermal Annual Invoices.
12. Test run the new SQL geothermal database.
13. AML team visits rig at Excelsior and inspects DMRE wells near Tonopah.
14. Delegate duties to compliance officer.
15. Comment on LCB review of NAC 534A additions and revisions.

FY 2026 Well Inspections					
	Total # of Wells	# Wells Needed for FY26 (1/3 of total)	Wells Inspected this month	# of Wells Inspected in FY26	Wells Remaining
Geothermal	503	167	5	41	126
Oil	121	40	0	4	36
Totals	624	207	5	45	162

Well Drilling Operations					
Permit	Well	Operator	Field	Type	Status
1594	87-31	Ormat	LMT	Ind-Pro	Completed
1680	38A-23	Ormat	WWD	Ind-Pro	Completed
1670	24A-23	Ormat	MGE	Ind-Pro	Completed
1673	82A-27	Ormat	MGE	Ind-Pro	Drilling
1690	62B-25	Ormat	LMT	Ind-Inj	Drilling
1701	ARG1-TG	Opus 7 Geothermal	NNID	Obs	Drilling
W0039	31(41)-18	Ormat	EXC	DMRE	Drilling

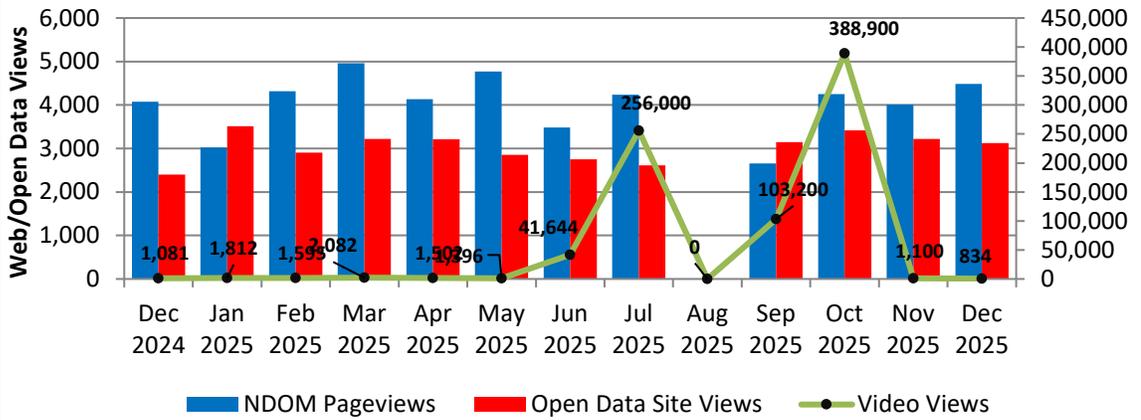
**Project Manager (Keith Hayes):**

1. Sent Monthly Trip Reports to Fleet Services
2. Attended PDAC Kickoff Meeting
3. Attended meeting with Geothermal Rising's Nevada Geothermal Focus Group
4. Attended AEMA Annual Meeting in Reno
5. Attended an EAP Webinar entitled *Engaging in a Multi-Generational Workplace*
6. Assisted Fluid Minerals Program with database entries and compliance issues
7. Ordered Furnishings and Wi-Fi Service for AME Roundup
8. Corresponded with Nevada State Science Teachers Association President to coordinate NDOM's participation in the NSSTA Conference in Las Vegas on January 31<sup>st</sup>.

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

Carol Shelton was out of the office for health reasons for the month of December

### NDOM Web/Open Data/Video Sites 13 Month Rolling Chart



**C.**

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