



GEOLOGICAL SOCIETY OF NEVADA NEWSLETTER

Geological Society of Nevada, 2175 Raggio Parkway, Reno, NV 89512
(775) 323-3500 - Hours Monday -- Friday, 10 a.m. to 5 p.m.
Website: www.gsnv.org E-mail: gsn@gsnv.org



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OCT. 9, 2025 THURSDAY

GSN WINNEMUCCA CHAPTER

The GSN Winnemucca Chapter meeting will be held at The Martin Hotel, 94 W. Railroad St., Winnemucca, NV. **Speaker:** Tyson Forbush, **Title:** "Understanding Precious Metals Markets." Drinks at 6 pm, Food at 6:30 pm, Talk at 7 pm. **Sponsor: SWICK DRILLING.** For more information, please contact Chapter President, Eli Witte at: wit-teeli9@gmail.com. Details on pg. 6

OCT. 10, 2025 FRIDAY

GSN SOUTHERN NEVADA CHAPTER

The GSN Southern Nevada Chapter meeting will be at the Beatty Community Center, 100 A Ave S, Beatty, NV. Time: 6-9 pm. **Speaker:** Dr. Alexander Gysi. **Title:** "Fluid-rock interaction and hydrothermal REE transport in critical mineral deposits." **Sponsor: JUST REFINERS.** Drinks and appetizers will be provided. For more information, please contact Southern Nevada President, Liz MacDonald at: liz_macdonald@outlook.com. Details on page 7.

OCT. 16, 2025 THURSDAY

GSN ELKO CHAPTER

The GSN Elko Chapter meeting will be held at the Western Folklife Center, 501 Railroad St., Elko. **Speaker:** Ryan Bensing. **Title:** "MINERAL TITLE EXAMINATION, REVIEW, AND DUE DILIGENCE FOR NATURAL RESOURCES PROJECTS." **Sponsor: STOCK-HOLM PRECISION TOOLS.** Please contact Elko President, Sergey Konyshv, sergey606@gmail.com for more information. Details on page 8.

OCT. 17, 2025 THURSDAY

GSN MOTHERSHIP MEETING RENO

The GSN meeting will be held at the Atlantis Hotel & Casino, Reno, NV. **Speaker:** J. Robert Clark, PhD. **Title:** "Modeling a Porphyry System and a Silver Vein System Underlying Surficial Gold Shows in the Great Basin Using Selective Extraction Trace Element Patterns in Soils." **Sponsor: RUEN DRILLING.** Dinner cost is \$60. **PLEASE RSVP BY 5 PM ON MONDAY, OCTOBER 12th.** Please register for dinner online or RSVP at this link: [RSVP/DINNER](#). Details on pg. 3.

GSN OCTOBER MEETING SPONSOR



FROM THE PRESIDENT — OCTOBER 2025
Steve Weiss
GSN President June 1, 2025-May 31, 2026



Members of the Geological Society of Nevada, Greetings and Salutations!



Lauren Sankovitch (above).

This month I have the honor to report the biggest news for GSN in more than a decade. It is truly a milestone in the history of GSN and fitting to announce the start of an important transition during this season of apples and honey. As many of you may already know, in 2026, Laura Ruud plans to retire from her position as GSN's Executive Manager. This past summer, a search was conducted and the Board of Directors approved the hiring of Lauren Sankovitch as GSN's Office Manager. Lauren joined us last week and will work alongside Laura for the next several months to gain a comprehensive understanding of the role, ensure operational continuity, and start building institutional knowledge. Welcome, Lauren, I look forward to introducing you at our next monthly meeting on October

17th! In the meantime, you can reach Lauren at **GSNOfficeManager@gmail.com**.

It is impossible for me to convey how much Laura Ruud has served GSN, but it has been with great dedication for more than 30 years. During our September 2025 membership meeting, Laura was elected an Honorary Member of our Society. Congratulations to Laura on receiving this well-deserved recognition for countless contributions over many years!

Date	Speaker	Topic	Affiliation
10/17/2025	J. Robert (Bob) Clark	Modeling porphyry/silver vein systems using selective trace element extraction	Skyline Assayers
11/21/2025	Adam Kent	Magmatic volatiles, melt inclusions, sulfur degassing	Oregon State Univ.
12/17/2025	No Speaker—Just fun!	Holiday Party and GSN Foundation Fund-raiser	

Can you name this mine and mineral?



Our speaker for the October 17th meeting in Reno will be **J. Robert Clark** presenting an interesting study of selective trace element extraction geochemistry. GSN greatly appreciates and thanks **Ruen Drilling** for sponsoring the Social Hour for the October meeting. Please join us!

Finally, **please don't forget to renew your membership**. Dues are still \$50 and payable each September.

Saludos!

Steve Weiss

GSN MEMBERSHIP MEETING—FRIDAY, OCTOBER 17, 2025

TIME: Drinks @ 6:00 pm, Dinner @ 6:30 pm, Talk @ 7:15 pm

WHERE: The Atlantis Hotel & Casino, S. Virginia St., Reno

GUEST SPEAKER: J. Robert Clark, Skyline Assayers & Laboratories

TITLE: “Modeling a Porphyry System and a Silver Vein System Underlying Surficial Gold Shows in the Great Basin Using Selective Extraction Trace Element Patterns in Soils”

Sponsor: RUEN DRILLING
(ruendrilling.com)

Please RSVP for dinner online by October 13th at:
[RSVP/DINNER](#)



Abstract: To Be Announced.

*GSN wishes to thank our SEPTEMBER sponsors in
Reno, Elko, Winnemucca & Southern NV:*



FACES OF GSN

Brennan Hooper - Ely, Nevada

Being a geologist is something I never would have thought I would have become if you asked me about my future at any point in my life up until college when I decided to major in the subject. Even then, I was not sure. What I am positive about is that it must be one of the most challenging academic/career paths for anyone to go down. There were countless doubts about myself even well into my career. It has now been over 10 years since I started down this path, and all the struggles and successes have been rewarding beyond my wildest predictions.

I grew up on the East Coast and, despite living in Appalachia, mining was not a big part of the culture. Brevard, North Carolina, was just a bit too far south for me to get any exposure to any East Coast coal mining. I grew up in a very rural part of the state. My step-grandfather often used an excavator to cut into the bank on his property, creating what



My cousin Seth (left) & I (right) on our personal high wall circa mid 1990's.

I now know as a high wall of heavily metamorphosed rocks. Despite toys and Nintendo gaming systems, our favorite pastime was playing with rocks and hammers. Developing a wealth of raw, natural knowledge about weathering, hardness, color, and other aspects of the different rocks prior to ever stepping foot on a college campus. Looking back, geology was destined to become my career and lifelong passion.

I started my studies in college as an art/graphic design major, choosing Appalachian State University. Which, while helpful in my career as a geologist, was just not the major for me. After a couple of years of struggling to find my way, my cousin, Seth Hooper, suggested something I never had considered before and probably never would have. He said: "Just take the first introductory geology course." While still feeling lost, I agreed. At this point, what harm

could taking the introductory class cause? I had no idea what I had gotten myself into, but I immediately knew that it felt right. Despite being a smaller school, not known for much other than their football team's 2007 upset victory over ranked Michigan and country music star Luke Combs, Appalachian State had a very rigorous and challenging geology program with excellent professors. After a long four years and countless struggles, I was able to graduate and begin my field course.

My structural geology professor, Dr. Gabe Casale, had connections with Italian universities and, particularly, with the folks involved with the K-T boundary impact theory. We travelled to Italy to learn our field mapping while studying the same famous KT boundary rocks that Walter Alvarez and his PhD student, Dr. Sandro Montanari, studied to propose the KT impact extinction hypothesis. I spent six weeks travelling the Italian countryside of Umbria and Tuscany, studying the Cretaceous carbonate sequences and their tectonics while learning the basics of geologic field work. This experience prepared me well for Nevada's carbonate geology and structure.

By the end of summer 2014, I was fresh out of school and unsure what to do for my career. Once again, my cousin Seth (who was about a year ahead) provided a pathway. Seth had recently wrapped his summer job in between semesters for his master's degree at the University of Alaska Fairbanks. He was heading back to school for the fall semester and proposed me filling his vacancy. I accepted this position logging core at an underground mining camp operated by Sumitomo. My first real job was a REAL challenge. Working two weeks straight, camp life, and the need for an exceptional level of detail and high work quality took their toll on me.



Italy field camp group at the Coldigioco Geologic Outpost in Umbria, 2014. Dr. Casale, Dr. Jamie Levine, and Dr. Sandro Montanari back right, circled in blue. Myself circled in green.

The challenge absolutely helped me mature. After the season ended I returned home to North Carolina and took some time to figure out my life.

After about a year and a half, in 2016, I decided to give it another go. I took a job at Kinross, Fort Knox (once again, through Seth's network). There, I learned the basics of rig sitting for reverse circulation (RC) and core drilling, geotechnical core logging, oriented core logging, and was an integral part of the Gilmore expansion and feasibility drill study, involving 73,000m of core and RC drilling. In 2017, I took part in completely overhauling the core processing and logging procedures, working closely with the geologic modeler to streamline the geologic process.

In 2018, I took a leap of faith in order to solidify my career further. I left the exploration team at Fort Knox and moved to Eureka, Nevada, to take part in the start up of the McEwen Gold Bar mine as a production/ore control geologist. Production was a huge leap in responsibility and a huge blessing to be a part of. Not to mention soaking up all the wisdom from starting up a mine operation. My boss, Neale Columb, expected excellence and hard work. He encouraged learning from the other departments and being involved in engineering and surveying. In 2020-2021, the mine underwent a six sigma audit, where we worked closely with a consulting group to tighten up and streamline every aspect of the mine. Specifically, I was involved in the blast hole sampling process and an on-sight lab throughput audit. I left McEwen in 2021 and moved to Ely to be with my future wife.

In late 2021, my resume had fallen into the hands of Jerod Eastman, and he brought me on to the first junior mining/exploration company for which I would work, a small group led by CEO Brian Hinchcliffe, the man famous for successfully restarting the Kirkland Lake Gold mine. I worked for this group, evaluating historic mines and project managing drill programs and other geologic data collection. We first evaluated a property with the historic Black Horse and San Pedro mines on Sacramento Pass near Baker, Nevada. Next, we evaluated the historic Prospect Mountain Diamond mine outside of Eureka, Nevada. With my team, Matt Bell (site/operations manager) and Dr. Marcus Bursik (geologist), we had an extremely successful year, drilling 45 RC holes and intercepting historic grades of up to 100 g/t Au over 5 feet with a total intercept of 22.9m (75ft) @ 12.0 g/t Au. One of the best junior miner drill intercepts to be listed on the 2024 Toronto Stock Exchange. Being in such a small company and working directly with the CEO and board of directors again elevated my work ethic to a world-class level. Working on these complex historic deposits, logging the core, Leap-frog modelling, and drill planning increased my confidence as an exploration geologist and polished my attention to detail. I would go as far to say it provided me with critical knowledge of the exploration process, especially in the challenging, dynamic, and often chaotic junior mining space.



At the dig face with the N.A. Degerstrom 992 loader operator, 2020.



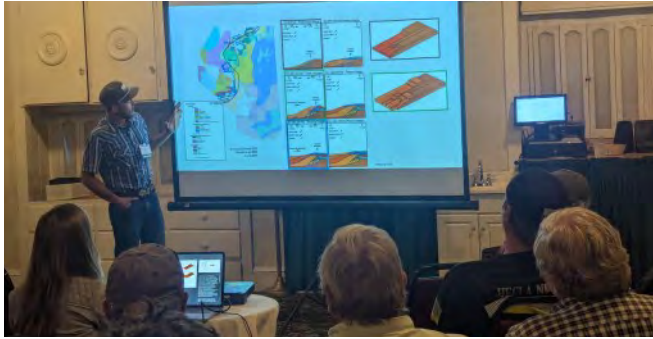
Performing pXRF analysis on historic drill core for Sun Silver, 2025.

Upon Mr. Hinchcliffe's departure from the company to move on to other ventures, I also moved on to my current role working for Sun Silver Exploration on their Maverick Springs Silver/Antimony project, working under exploration manager Keith Woods. My role was assisting in establishing core processing procedures, training, and core logging, achieving 20,000 feet of processing for 2025 drill core & 1990s historic core relogging in the first 4 months of the 2025 exploration season (with only one geologist & one geo-tech crew).

It has been a long road, but I would not change a thing about it. I have developed a deep love and appreciation for exploration and mining in Nevada, as well as for the community. I owe a great portion of my wisdom and knowledge as a geologist to the time I spent working in Nevada and with all the great folks along the way. I can say without a doubt, I will have a lifelong addiction to studying geology, history, and evaluating historic projects/properties of Nevada.



GSN WINNEMUCCA CHAPTER NEWS



In September, the Winnemucca chapter welcomed **Luke Schranz from Eminent Gold**, who spoke on the work that is happening in the Hot Springs Range.

Special thanks to **Envirotech Drilling** for sponsoring the event!

GSN Winnemucca Chapter Meeting

Thursday, Oct. 9, 2025 | Drinks @ 6 PM, Food @ 6:30 PM, Talk @ 7 PM

Where: The Martin Hotel, 94 W. Railroad St., Winnemucca, NV

Sponsor: Swick Drilling

Speaker: Tyson Forbush, Batholith Wealth Management & Insurance

Talk: "Understanding Precious Metals Markets"

Abstract: "Understanding Precious Metals Markets" is a conference adaptation from the book of the same name. This talk will provide a look through the unique perspective of a licensed securities trader who just so happens to also be a minerals explorationist and certified professional geologist. The talk will be focused on understanding precious metals' properties, uses, and global distribution as well as common misconceptions around these commodities, while also covering the skills needed to identify the unique risk factors around these investments or in associated companies. Lastly, we will explore pros and cons of the various investment vehicles, how they are used by market participants, and strategies that can be employed at the retail level.

Bio: Tyson Forbush holds a B.S in Geology from BYU-Idaho and an M.S. in Economic Geology & Geochemistry from the University of Alaska Fairbanks. He is an AIPG Certified Professional Geologist, holds a series 65 security license and is insurance licensed in half a dozen states. Forbush maintains two businesses, GeoTech LLC, a small geological consulting and exploration company and Batholith Wealth Management and Insurance, a comprehensive financial planning and advisory firm focused on the unique needs of professionals in natural resource industries. Forbush has received many accolades over the years. He is an Eagle Scout who speaks fluent Russian and is a high school and college honors graduate. He was named "most outstanding science student" in his high school class. He was also the top performing field camp geologist in his undergraduate class and BYU-Idaho 1st place undergraduate research project winner in 2010. In graduate school, his team finished top five globally in the 2013 Imperial Barrel Awards, an oil and gas industry funded competition, that included 316 international graduate teams. In 2016, he was honored with the District Award of Merit from the Boy Scouts of America, for his volunteer work with local scouting units. Professionally he has been a productive explorationist. Forbush made his first gold discovery as a senior in college and has made significant contributions to total ore tonnage of every project he has worked in a position of decision. From 2013-14 he provided the initial data capture and assessment on over 100 mineral sites involved as part of a major land exchange between the U.S. Forest Service and State of Alaska. The exchange was finalized as part of the Consolidated Appropriations Act of 2017, Public Law 115-31. He enjoys the outdoors, his family, finding metal, and helping others navigate the complex financial landscape.



If you have any questions, feel free to contact me at ewitte@i80gold.com

Can't wait to see you all there!

Eli Witte, Winnemucca Chapter President





GSN SOUTHERN NEVADA CHAPTER NEWS



Please join us in Beatty, Nevada this month!

Friday, October 10th | 6-9 PM, drinks and appetizers are provided

Beatty Community Center (100 A Ave S, Beatty, NV 89003)

(<https://maps.app.goo.gl/LC1ZBRP4P1aEhmAH8>)

Sponsor: JUST REFINERS

Speaker: Dr. Alexander Gysi

Title: Fluid-rock interaction and hydrothermal REE transport in critical mineral deposits

Abstract: Large REE mineral deposits are found in carbonatites and (per)alkaline complexes, many of which are found in North America. This presentation gives an overview of ore-forming processes in critical mineral deposits and our current understanding of alteration zoning, mineralogy, and geochemical vectoring. The combination of field observations with frontiers in science from hydrothermal experiments and thermodynamic modeling yields key insights into the controls on REE transport, fractionation and deposition in natural systems. But how can we effectively link these insights to interpret geochemical data in these mineral deposits?

Biography: Dr. Gysi currently holds a dual appointment at as an Economic Geologist in the New Mexico Bureau of Geology and Mineral Resources and as an Associate Professor in the department of Earth & Environmental Science at New Mexico Tech. He has a broad interest in hydrothermal ore deposit formation and metasomatism, with a focus on critical mineral deposits, including carbonatites, alkaline igneous rocks and pegmatites.



Don't Miss the
2025 Earth Science Week Field Trip!

Saturday, Oct. 18, 2025

***Quaternary Volcanism in Lahontan Valley—
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more details and to reserve your spot!



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GSN ELKO CHAPTER NEWS



The GSN Elko Chapter invites you to their September meeting!

**Thursday, October 16, 2025, Food & Drinks @ 6pm
Western Folklife Center, 501 Railroad St., Elko, NV**

**FOOD & BEER SPONSOR:
STOCKHOLM PRECISION TOOLS**

Speaker: Ryan Bensing

American Association of Professional Landmen / Kinross Gold

Title: "MINERAL TITLE EXAMINATION, REVIEW, AND DUE DILIGENCE FOR NATURAL RESOURCES PROJECTS"

Abstract: Title examination and due diligence are the core of natural resource transactions. These processes are critical to validating property ownership and assessing potential issues – including, but not limited to, breaks in the chain of record ownership or unforeseen encumbrances and other defects (a.k.a. "clouds") on title. Title examination and due diligence are essential to mitigate risks and ensure the successful completion of property acquisitions and other natural resources developments. This presentation aims to delve into the intricacies of title examination and due diligence, exploring their significance, methods, and challenges within the realm of natural resource transactions.

Bio: Ryan has over 17 years of land management experience, mostly in the hardrock mining sector. He is a Certified Professional Landman with the American Association of Professional Landmen and is the current President of the Nevada Landmen's Association. Ryan earned his degree at MSU Denver majoring in Land Use Planning with an emphasis in Environment and Resources. Ryan has been with his current company, Kinross Gold, for over 11 years and manages the North American Land Department. Before becoming a landman, Ryan was a land surveyor working on residential and commercial development projects. Outside of work, Ryan enjoys biking and golfing with his wife and two kids, Emma 8, and Brody 5.



**Stockholm
Precision Tools**

Please contact Elko Chapter President, Sergey Konyshov if you have any questions. Sergey606@gmail.com



NEWS FROM THE FOUNDATION

2025 HOLIDAY PARTY AND FUNDRAISER



October, 2025
Bob Felder

The annual holiday party and fundraiser will be held this year at the Atlantis on Wednesday, December 17. Mark your calendars!! We couldn't do this without the continuing generous support of our members, so it's time to start thinking about donations for the fundraiser. Items such as mineral specimens, gift baskets, wine, spirits, jewelry, usable field gear and clothing are all good ideas, but we welcome **quality** items that would be desirable for auction or bid. Information on the donation drop-off location will be announced in the November newsletter.

If you're out of ideas, please consider making a cash donation to the Foundation on the night of the party. GSN realizes the full value of your cash donations! Thank you!

GSN Membership Renewal Notice!

Renew ASAP to continue receiving the benefits of the Geological Society of Nevada membership. Dues can be paid online by clicking this link and logging in to your account (see "My Account" under the Membership tab): <https://www.gsnv.org/my-account/>.

(Checks can be mailed to GSN, 2175 Raggio Pkwy, Reno NV 89512 if you're old school. ☺)

Membership Levels include:

- \$25/year for student members
- \$50/year for regular members (*online newsletter option*)
- \$110/year for regular members (*printed newsletter in the mail option*)
- \$1,250/one-time-payment for a LIFETIME membership (*you will have "scoffing" rights toward those that continue the "annual-renewal-hustle"*)

Membership benefits include:

- Monthly membership meetings
- Fall and Spring field trip opportunities
- Access to the GSN Membership Directory with ~1,200 contacts from throughout the mining industry
- Updates on job opportunities, education and safety courses, and other information pertaining to the mining and exploration industry of the Western Cordillera
- Networking opportunities throughout the year in Reno, Elko, Winnemucca, and Beatty



Mining Activity Update

August 2025, Mike Brady

LMB Brady@aol.com

NEVADA

Minera Alamos Inc. announced that it acquired Calibre USA Holdings Ltd. from Equinox Gold Corp. for \$90,000,000 cash and \$25,000,000 in shares. Calibre owns the Pan, Gold Tock and Illipah properties. (reserve @ Pan = 24,634,000 tonnes @ 0.34 gpt Au proven+probable) *Press Release: August 7*

Scorpio Gold Corp. announced that recent drill results at the Manhattan Project include 59.13-151.94 meters @ 1.24 gpt Au (25MN-11) and 18.9-24.99 meters @ 0.24 gpt Au (25MN-12). (resource = 300,000 tonnes @ 10.58 gpt Au indicated) *Press Release: August 25*

Lahontan Gold Corp. announced that it acquired the York claims from Emergent Metals Corp. for \$10,000 cash, a \$50,000 loan and 2,000,000 shares. *Press Release: August 19*

Ridgeline Minerals Corp. announced that recent drill results at the Atlas Project include 80.0-88.5 meters @ 0.20 gpt Au (AT25-1) and 124.0-129.9 meters @ 0.20 gpt Au (AT25-2). *Press Release: August 8*

Lithium Americas Corp. announced that construction of the Thacker Pass Mine is progressing on schedule with 300 workers now on site. The permanent concrete foundations for the process plant are now in place and the steel construction material for the plant will be erected starting in September. (reserve = 1,056,700,000 tonnes @ 0.547% Li₂O proven+probable) *Press Release: August 14*

Nevada King Gold Corp. announced that recent drill results at the Atlanta Project include 36.6-73.2 meters @ 0.28 gpt Au (AT25FN-6); 207.3-256.0 meters @ 0.16 gpt Au, 2.9 gpt Ag (AT25QR-16) and 91.4-158.5 meters @ 0.55 gpt Au, 24.2 gpt Ag (AT25SP-32). (resource = 27,710,000 tonnes @ 1.14 gpt Au, 9.7 gpt Ag measured+indicated) *Press Release: August 16*

Allegiant Gold Ltd. announced that it acquired an additional 49.9% interest (to hold 100%) in the Bolo Property from CopAur Minerals Inc. for undisclosed terms. *Press Release: August 18*

NvGold Corp. announced that recent drill results at

the Slumber Project include 192.02-195.06 meters @ 1.09 gpt Au (SL-30); 150.9-158.5 meters @ 0.49 gpt Au (SL-31) and 160.0-161.5 meters @ 0.67 gpt Au (SL-32). *Press Release: August 21*

Lion Copper and Gold Corp. announced that based on recent studies of the Yerington Pit, reserves aggregate 98,160,000 tonnes @ 0.16% Cu proven+probable oxide and 212,540,000 tonnes @ 0.26% Cu proven+probable unoxidized. (was 128,000,000 tonnes @ 0.29% Cu measured+indicated) *Press Release: August 5*

Lion Copper and Gold Corp. announced that based on recent studies of the MacArthur Deposit, reserves aggregate 149,800,000 tonnes @ 0.18% Cu proven+probable oxide. (was 273,000,000 tonnes @ 0.17% Cu measured+indicated) *Press Release: August 5*

Sun Silver Ltd. announced that the re-assay of previous drill holes at the Maverick Springs Project revealed 230-248 meters @ 0.1% Sb (MR097); 240.2-281.2 meters @ 0.1% Sb (MR122) and 181-225 meters @ 0.1% Sb (MR-127). (resource = 218,500,000 tonnes @ 0.31 gpt Au, 42.2 gpt Ag inferred) *Press Release: August 25*

Centerra Gold Inc. announced that it would proceed with the development of the Goldfield Project. Capital costs are now estimated at \$250,000,000 to produce 100,000 ounces/year gold. (reserve = 33,348,000 tonnes @ 0.66 gpt Au proven+probable) *Press Release: August 6*

Surge Battery Metals Inc. announced that significant rubidium and cesium have been identified within the defined lithium resource at the Nevada North Project. (resource = 701,400,000 tonnes @ 0.648% Li₂O inferred) *Press Release: July 28*

Integra Resources Inc. announced that recent drill results at the Florida Canyon Project include 45.7-85.3 meters @ 0.45 gpt Au (FCM25-590); 0-114.3 meters @ 0.27 gpt Au (FCM25-591); 0-64 meters @ 0.16 gpt Au (FCM25-593) and 54.9-91.4 meters @ 0.16 gpt Au (FCM25-594). (resource = 84,570,000 tonnes @ 0.34 gpt Au measured+indicated) *Press Release: August 5*

\$200

PER TEAM



**BUDDY SHOOT
FORMAT**



2 PM

START TIME

**5TH ANNUAL
BRIAN MORRIS
MEMORIAL
TRAP SHOOT**

NOVEMBER 1, 2025

WINNEMUCCA TRAP CLUB

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\$50 non-shooter dinner tickets available

**to register your team or for info
on sponsorship please email**

briantrapshoot@hotmail.com

Use this link to register and/or donate on the GSN website: [REGISTER](#)



2027 GSN Symposium (27GSNS)

Symposium Event Dates:

Thursday 22 April to Saturday 1 May 2027

Location: The Nugget Casino, Reno/Sparks, Nevada

Theme: Ore Deposits of the Great Basin – Key to America's Mineral Independence

Update: The Symposium website will be launched in the coming week so check out <https://gsnsymposium.org/> to see the first stages of the website.

We are currently seeking awesome photos to be donated from GSN members so we can showcase the spectacular Nevada mountains and scenery, and Great Basin geology on the website and event application which will be launched next month. The winning best photo will receive \$200 in cash.

For those interested in competing, kindly email your photo to chairperson@gsnsymposium.org by **Wednesday October 8, 2025**. We will continue to accept photos after October 8th if anyone wants to submit after this date, it's all about having some geo-fun.

Once the symposium event application is launched, we will be calling for papers, talks, exhibitions, courses, core shacks and field trips. Next month we will also commence calling for major sponsors, including Platinum, Gold, Bronze and Ruby categories. Kel Buchanan, Chris Dail and Mike Power are the single points of contact to approach for symposium sponsorship discussions. Sponsors will be advertised on the symposium website, with major sponsors on the event application as well, where 1,300+ geologists will register to attend.

The Committee thanks Rangefront Mining Services for their in-kind support providing bookkeeping services for the Symposium, and to SRK who generously provide a monthly conference room.



The next symposium meeting is **Monday 13th October, 2025, 5-6pm PT**, hybrid Zoom from SRK's Reno office. Enjoy the stunning weather out there in the field, happy days!!

From the 27GSNS Symposium Steering Committee,

Regina Molloy (Reno) – Chairperson - chairperson@gsnsymposium.org

Mark Travis (Elko) - Deputy Chairperson - depchairperson@gsnsymposium.org

Steffanie Cruze – Secretary - secretary@gsnsymposium.org

Christina Ricks (Elko) – Treasurer – treasurer@gsnsymposium.org



27GSNS

WEBSITE PHOTOS WANTED

We are seeking photos with a Nevada, Great Basin and Geoscience theme to place on our 27GSNS website which will be launched in Q3 2025.

If you have some awesome photos that you would like to donate to the GSN for public display, please kindly submit to Chairperson@gsnsymposium.org.

Theme: Ore Deposits of the Great Basin - Key to America's Mineral Independence

Date: Thursday April 22 to Saturday May 1, 2027

Venue: The Nugget Casino Resort, Reno, Nevada, USA

The best photo will win \$200 in cash so go through your phone or album and send us your best photos! Vintage fun photos also welcome. Multiple submissions accepted.

Thank-you

October 28th, 2025. Atlantis Casino in Reno, Nevada

WHAT IS THE NEVADA MINERAL EXPLORATION COALITION (NMEC)? A not-for-profit, non-partisan coalition of small businesses and individuals engaged in, or in support of, mineral exploration and development activities in the State of Nevada. Our mission is to Preserve and Promote the mineral exploration industry of Nevada.

REGISTRATION: Your registration includes continental breakfast, plated lunch with keynote speaker, and an afternoon reception with hosted hors d'oeuvres and bar. You are encouraged to [register for the Summit online](#) or by downloading and completing the registration form via the same link. You are also encouraged to take advantage of the cost savings by registering early.

(on or after October 21): *Non-members** \$525

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October 2, 2025: Nevada Petroleum & Geothermal Society meeting. Tamarack Junction, Reno, NV. 6:30 pm. Speaker: Maxwell Wilmarth, Title: “Orange Dots and Megawatts: Shallow Temperature Surveys (2m Probes) to Constrain Early-Stage Exploration Resource Capacity Estimates.” Visit their events page to [register](#).

October 6, 2025: UNR Geology Dept. Seminar Series. UNR, Davidson Math & Science Room 103, Reno, NV, 4-5:15 pm, snacks and coffee provided. Please arrive 15 minutes early to socialize , 6:30 pm. Speaker: Ted Scambos, National Snow and Ice Data Center, Title: “Thwaites Glacier, Antarctica: The global threat that no one has heard of.” Open to the public.

October 9, 2025: AEG Great Basin Chapter meeting. The J Resort 345, Reno, NV. 5:15pm. Speakers: Keith Conrad and Cheyenne Lawrence, Nevada Division of Water Resources, Title: “Nevada’s Dam Safety Program: An Overview.” [RSVP](#).

October 12, 2025: The Mackay School at UNR: “Celebration of Life Honoring James Hendrix.” 11AM-2PM, Mackay Mines Building. Open to all. Visit website to [donate in his honor](#).

October 13, 2025: UNR Geology Dept. Seminar Series. UNR, Davidson Math & Science Room 103, Reno, NV, 4-5:15 pm, snacks and coffee provided. Please arrive 15 minutes early to socialize , 6:30 pm. Speaker: Madison Douglas, UC Berkeley, Title: “Permafrost and river meandering in Arctic floodplains.” Open to the public.

October 16-17, 2025: Utah Geological Association Annual Field Trip: “Establish, Experimental, and Emergent Geothermal Energy Resources in the Utah’s Great Basin.” Partnering with Geological Society of America. More info on their [website](#) or [REGISTER](#).

October 20, 2025: Northern NV SME Meeting, Circus Circus Hotel, Mandalay Room, Reno, NV. Speaker: Larry Radford, Topic: “Miner-to-Miner: Mark Twain.” [RSVP](#)

October 27, 2025: UNR Geology Dept. Seminar Series. UNR, Davidson Math & Science Room 103, Reno, NV, 4-5:15 pm, snacks and coffee provided. Please arrive 15 minutes early to socialize , 6:30 pm. Speaker: Baker Perry, UNR (Dept of Geography), Title: “High-elevation meteorological networks in the Andes and Himalaya: New findings & operational challenges.” Open to the public.

November 14th, 2025: Arizona Geological Society Presents: Arizona Exploration Mining Outlook. Hexagon, 40 E Congress St., Tucson, AZ. More information can be found on the [AGS website](#).

December 4th, 2025: AIPG Exploration Round-up and Dinner Meeting: Atlantis Casino, Reno, NV, 6:00 PM.

REMEMBRANCES



(Editor's Note: We realize that Rick passed 18 months ago but we just heard about it and thought others would like to know to.)

Richard "Rick" Anthony Felling

October 5, 1955 to March 29, 2024

Richard Anthony "Rick" Felling, age 68, of Reno, Nevada, passed away on March 29, 2024. He was a beloved father, husband, brother, and friend, who will be deeply missed by all who knew him.

Rick was born on October 6, 1955, in St. Louis, Missouri, and spent most of his life in Reno, exploring and hiking throughout Nevada and the Intermountain West. He was an intelligent, accomplished, and well-respected member of the community, serving throughout most of his career as the Deputy Administrator for the Nevada Department of Water Resources where he was recognized as the expert on Nevada hydrology and water rights. Prior to this role, Rick worked as a geologist for Battle Mountain Gold, where he led field projects throughout Nevada, China, and Peru. Rick continued to serve the professional community in his retirement, contracting his expertise in Nevada water resources for various high-level projects throughout the state. Since 2021, Rick also served as a technical advisor for the Nevada Supreme Court Commission to Study the Adjudication of Water Law Cases, where he provided his professional expertise as a Practicing Water Rights Engineer/Hydrologist to assist the Nevada court system with improving education, training, specialization, timeliness, and efficiency in their review of complex water law cases.

Outside of his career, Rick was a loving and kindhearted father, husband, brother, and friend. He loved the outdoors and nature, and in his free time enjoyed running and hunting with his dog Pickett, playing golf, hiking, and camping with family and friends. He loved spending time with his children, sharing stories, playing games, and exploring. He was always there to offer guidance and support, imparting his knowledge of the world to his kids and helping them succeed both personally and professionally.

Rick is survived by his wife, Wendy Thomas Felling, his daughter Danielle (Trevor), his son Garrett (Christine), his brothers Bill (Martha), Mark (Diana), Andrew (Betty), and Patrick (Candy), and his sisters Tricia Brooks and Megan Tramel (Lee), in addition to numerous in-laws, nieces, and nephews. He was preceded in death by his father William, his mother Aileen, his brothers Kevin and Michael, and his sister Maureen.

Rick will be dearly missed by all, and his legacy will forever be imprinted on the hearts and minds of those fortunate enough to have known him.

A Celebration of Life in honor of Rick was held on April 28, 2024, at 2pm at the Hidden Valley Country Club, in Reno, Nevada.



David R. Shaddrick Estate Sale

for *GSN Members Only*

Saturday, October 18th, 9AM-3PM | 3405 Bowie Road, Reno, NV 89503

The Geological Society of Nevada was Dave Shaddrick's most prized organization and passion over the years. He attended most all the meetings, in Reno as well as Winnemucca and Elko, and most certainly went on every GSN field trip. He was truly one of the most dedicated members of our group. Dave has included GSN as a beneficiary in his estate once the "dust" settles.

In the meantime, GSN members are invited to attend a pre-general estate sale, to peruse items that might catch your interest that were part of David's collection of mining and geological artifacts accumulated over the years. It should be understood, however, that many items have already been assigned to Fred Holabird's auctions in the past and coming weeks, the proceeds of which will largely benefit the GSN Foundation. But many things remain that might be of interest, from publications to topo maps to rock saws. David's friends have organized the items in a "slapstick" kind of way and invite the membership to show up at David's house on **Saturday, October 18th, from 9 AM to 3 PM**, to take a look and hopefully throw out a few bucks to take home an item of David's memorabilia, **the proceeds of which will help benefit the GSN Foundation.**

Some of the larger items include: a slab saw, hand-built rocker sluice, rock saw, drafting table, and beautiful flat map cabinets that Sandy refinished (see photos). There is also a garage full of tools, a shed full of lawn care tools, cool rocks, a Lake of the Woods toy canoe with matching print, and a myriad of other items.





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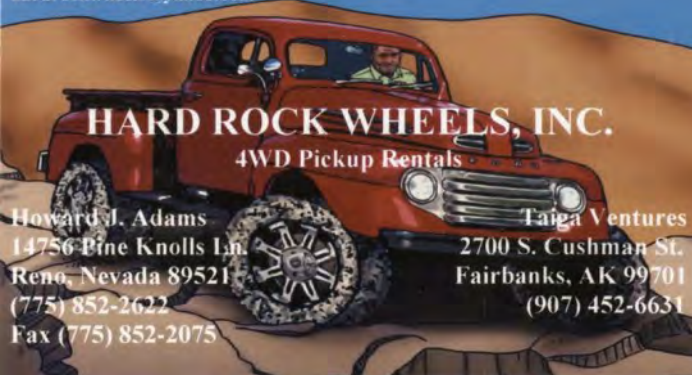
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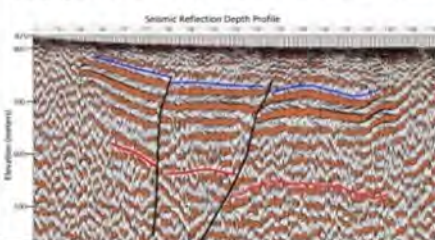


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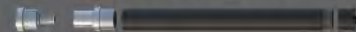
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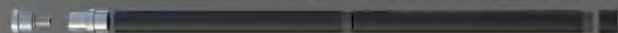
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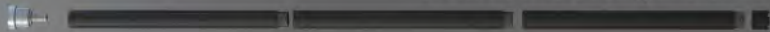
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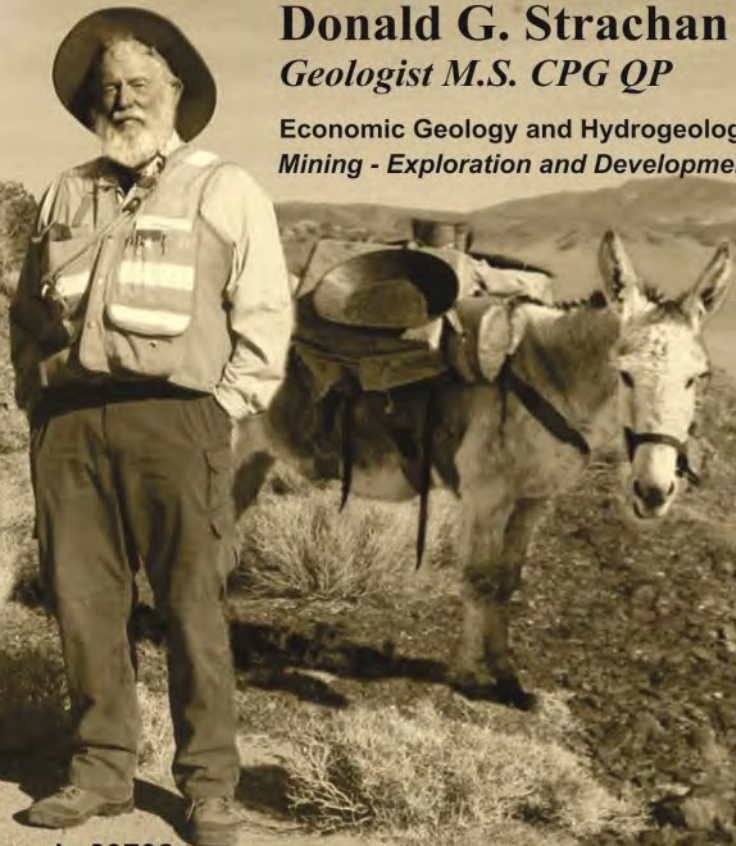
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