



GEOLOGICAL SOCIETY OF NEVADA NEWSLETTER

Geological Society of Nevada, 2175 Raggio Parkway, Room 107, Reno, NV 89512
(775) 323-3500 - Hours Tuesday -- Friday, 8:30 a.m. to 3 p.m. Monday by appointment.

Website: www.gsnv.org • E-mail: gsn@gsnv.org



May 2018, Vol. 34, No. 5

Published monthly except June and July

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CALENDAR OF GSN EVENTS

May 3, 2018
THURSDAY

SO. NEVADA CHAPTER MEMBERSHIP MEETING (1st Thursdays)

The meeting will be held at the LV Natural History Museum, 900 N. Las Vegas Blvd. Pizza & beer at 5:30 pm, Talk at 6:00 pm. **Speaker: Steve Rowland, UNLV Faculty. Title: "Two Ongoing Paleontology Research Projects: Southern Nevada and the Grand Canyon". Drinks & Food Sponsored: NEED A SPONSOR PLEASE!** Please contact Chapter President, Paul Dockweiler for information @ PDockweiler@Geosyntec.com. Details and abstract on page 3.

May 9, 2018
WEDNESDAY

WINNEMUCCA CHAPTER MEMBERSHIP MEETING (2nd Wednesdays)

The meeting will be held at the Martin Hotel, 94 W. Railroad St., Winnemucca, NV. Refreshments/appetizers at 6 p.m. Talk at 7:00 pm. **Speaker: Rick Streiff, OceanaGold Corp. Title: "Timeline to Discovery at WKP, New Zealand". Food/Drinks Sponsor: IDS.** For more information please contact Chapter President, Matt Fithian @ Matthew.Fithian@ssrmining.com. Details & abstract on page 6.

May 17, 2018
THURSDAY

ELKO CHAPTER MEMBERSHIP MEETING (3rd Thursdays)

The monthly meeting will be held at the Western Folklife Center, 501 Railroad St., Elko, NV. Refreshments begin at 6 p.m. Talk begins at 7 p.m. **Speaker: Jan Taksavasu, CSM PhD Geology. Title: "Silica Vein Textures in Low-sulfidation Epithermal deposits: the origins and implications for mineral exploration". Food/Drink Sponsor: JUST REFINERS. USA Inc.** For more info please contact Mark Travis at: mark.william.travis@gmail.com. Details pg. 7

May 18, 2018
FRIDAY

GSN REGULAR MEMBERSHIP MEETING (3rd Fridays)

The monthly meeting will be held at the Reno Elks Lodge, 597 Kumle Lane, Reno, Nevada. Drinks @ 6 p.m., Dinner @ 7 p.m., Talk at 7:45 p.m. **Speaker: Steve Enders. Title: Cupric Canyon Capital, "Cupric Canyon Capital's Zone 5 discovery in the Kalahari Copper Belt of Botswana and the copper market". Drinks Sponsored by: FALCON DRILLING & BILL WALKER (In honor of his passing).** Cost for Dinner—\$25. GSN Students are free. Please make reservations for dinner with Laura Ruud, by emailing gsn@gsnv.org. 775-323-3500. Details on page 3.

June 8-10,
2018

GSN Spring Field Trip to the Monte Cristos, Eastside and Gilbert areas. Registration form is available on page 10 of this newsletter! 5 seats left!

June 22, 2018
Friday

ALL GSN MEMBER PICNIC—Personally hosted by GSN's Board Members & Directors! Rancho San Rafael Park, Peavine Pavilion, Reno. See pg. 15.

G.S.N. MAY CO-SPONSORS!



**FALCON
DRILLING**



In Honor of Bill Walker

FROM THE PRESIDENT
J. Kelly Cluer, GSN President 2017-2018
MAY 2018

Dear GSN Members:

I know we've veered off the staple tons and grade menu that GSN is famous for, and I've heard the grumbling. My sincere hope however is that the membership has enjoyed the business of exploration-themed talks presented the last couple of months.

The theme of exploration business talks was a calculated risk, and my motives have perhaps been selfish: I really want to see more funding flowing into Nevada exploration projects. The reasons are numerous: 1) as one of many exploration destinations Nevada has to compete for funds from a decreasing pool of money; 2) there are a lot of good projects in the region and geos with compelling ideas that do not get the level of support needed to flourish; and 3) the pipeline of advanced stage projects in the region is not deep nor of exceptional quality so the opportunity for the senior producers to acquire new or replacement ounces is rare.

In April Mick Carew gave an insightful talk on the current state of the junior sector, what the finance people are looking for, and how to position a company or project for success. In the course of 30 quick minutes Mick basically provided a checklist of everything needed to secure exploration financing. Where else are you going to get this kind of expert advice, for the low price of membership?

I feel like these theme talks have benefitted the society, our state and our sector if even a few prospectors learned a few tricks for their next promoting trip to Vancouver. Even for the senior producer exploration groups, we have to fight for Nevada funding amongst all our other exploration regions, and whatever region-specific insight we can glean from the market makers is a competitive advantage. It's all about bringing the money home.

While Mick made a good case for five pillars of success (geology, permitting, capital structure, management/technical team, jurisdiction), an even simpler basic 3-point premise that I embrace is more money (1) spent wisely (2) with a longer-term vision (3) will result in significant new discoveries. So let's do everything we can to be at the top of our game and put more of the exploration funding pie to work right here in the Silver State.

This month Steve Enders will continue the theme with a synopsis of his recent business adventures with Cupric Canyon Capital; though far afield I have no doubt there will be lessons we can apply locally. I do hope you'll all attend.

Happy hunting,

J. Kelly Cluer

We extend a special thanks to George Salamis, Max Baker and Integra Resources for donating a new compact sound system to GSN for use at the monthly meetings. THANK YOU!!

***The G.S.N. wishes to thank
GEOTEMPS INC.
For sponsoring the April 20th
membership meeting in Reno!***



GSN MONTHLY MEETING—MAY 18, 2018

SPEAKER: STEVE ENDERS, CUPRIC CANYON CAPITAL

TITLE: “Cupric Canyon Capital’s Zone 5 discovery in the Kalahari Copper Belt of Botswana and the copper market”

Social Hour begins @ 6:00 pm; Dinner @ 7:00 pm; Talk @ 7:45 pm

Location: Reno Elks Lodge, 597 Kumle Lane, Reno NV (across from the Convention Center)

DINNER COST—\$25.00 per person.

Reservations due by 5:00 p.m. on WEDNESDAY, MAY 16, 2018

For dinner reservations, please e-mail gsn@gsnv.org or call 775-323-3500

(Please remember you will be invoiced \$25 if you do not cancel your reservation by May 17th)

GSN SOUTHERN NEVADA CHAPTER MEETING

THURSDAY, MAY 3, 2018

**Location: Las Vegas Natural History Museum
900 North Las Vegas Blvd, Las Vegas, NV**

Time: 5:30 p.m.—Pizza & Beer; 6:00 p.m.—Talk begins

**Speaker: Steve Rowland, UNLV Faculty
Title: “Two Ongoing Paleontology Research Projects:
Southern Nevada and the Grand Canyon”**

Sponsor: No Sponsor at Press Time

ABSTRACT:

I will provide an update of two ongoing paleontology projects, one involving trace fossils and the other involving body fossils. The trace-fossil project involves the study of a really interesting, Pennsylvanian-age trackway of an amphibian-grade basal tetrapod exposed in the lower portion of the Supai Group adjacent to the Bright Angel Trail in Grand Canyon National Park. It is the oldest vertebrate trackway known in the Grand Canyon and one of the oldest in western North America. The trackway preserves a very peculiar gait, which may record the animal struggling to walk in a strong wind.

The body-fossil project I will discuss is the Fairbanks Spring mammoth excavation project in Amargosa Valley, in Nye County near the Nevada-California border. My students and I have just completed the field component of this project, and we are now beginning the lab work and analysis phase. I will summarize what we have learned so far about the Fairbanks Spring mammoth, and where our research will go from here.

“FACES OF GSN”

CURTIS L. JOHNSON, RENO, NEVADA

As a kid growing up in western Washington state, I learned at an early age the outdoors would be an important part of my life, although it wasn't always apparent. Through my formative years, much of my time was devoted to playing baseball, and any free time beyond that was spent wrenching on cars, because if professional baseball didn't work out, surely a mechanic would be the next best thing. After a slew of high school friends convinced me I really didn't like working on other people's cars, I began to pursue other lines of thinking. Maybe working in the logging industry like my dad, grandpa, and great grandpa had done would be the way to go? Although I disliked school, I was slowly convinced by teachers, and reinforced by my parents, that college was a good way to get a better job. Knowing essentially nothing about the process of applying to school, I chose to apply to the University of Idaho because it was cheap and there was no application essay. To my surprise, I was accepted – do they let everyone in?



Upon entering the University of Idaho, I remembered my early love for the outdoors, and realized I'd rather spend a career working outside than riding a desk. Geology seemed to fulfill this and offered good paying jobs in the industry, so I declared geology on day one and haven't looked back since. During my second year, we took a field trip to Elko and Winnemucca, which included a tour of the Twin Creeks mine. Like many in the US, I had never actually seen a mine, and was completely blown away by the sheer size of the pit and amazing exposure in the high walls. That pit tour, plus a fantastically entertaining geology presentation by then chief geologist Pat Donovan, convinced me on the spot that this was the industry for me. From then on it was a head down focus on economic geology, which turned out to be the perfect discipline for me.

My first lucky break was after my third year, when I was given the opportunity to work a summer with Newmont in the northern Carlin Trend at the Leeville mine. This is entirely thanks to the chief geologist Alex Davidson who thought he'd give some kid with moderate grades from the University of Idaho a chance against applicants from the big mining schools because it "seemed like he knew how to work". While there, I began to appreciate the complexity of Carlin-type systems and the intimate relationship of mineralization and Eocene dikes both from underground observations, and from reading the work of Mike Ressel, Chris Henry, John Muntean, Jean Cline and others. This led to my first taste of the research side of geology in a senior thesis exploring the relationship between dikes and mineralization at Leeville.



Work on the senior thesis and thousands of feet of Leeville core convinced me I really didn't know a whole lot about Carlin-type systems, or economic geology in general, so graduate school was the next step for me. My second truly lucky break was getting the opportunity to work with John Dilles at Oregon State. It turned out John had an idea for a project working on the spatially and temporally associated Emigrant Pass volcanic field south of the Carlin Trend – the perfect place for me to learn more about the connection between Eocene magmatism and Carlin-type gold. Through John's deep knowledge and passion for teaching the next generation, I learned an unbelievable amount during two of the best years of my life, and we made some progress on the Carlin-type story.

After completing my M.S. in 2015, I was fortunate to land a mine geology position at Newmont's Phoenix mine south of Battle Mountain. This turned out to be the perfect next step for someone with my interests, as the Phoenix Eocene porphyry-related Au-Cu skarn system is the best example of (continued on pg. 5)

(C.L. Johnson Faces, cont. from pg. 4)

the clear relationship between Eocene magmatism and Au-rich mineralization. Over two and half years, I learned an amazing amount about what it takes to call a rock “ore” and was able to understand the inner workings of a complex skarn system through many miles of highwall mapping. While at Phoenix, through Newmont’s mentoring program, I was matched up with Dick Reid (maybe at my request...) who has been one of the biggest influences on how I think about grassroots exploration and geology in general. Enough thanks can’t be given for the amount of advice (and contract exploration work) he’s passed along.

As I write this in mid-2018, I find myself in the midst of the next step in my economic geology career – pursuing a PhD in the Center for Research in Economic Geology (CREG) at the University of Nevada, Reno with Mike Ressel. It’s incredible how things can come full circle as I now get to work with one of the people who inspired me most in the beginning. As you might imagine if you’ve read this far, or know Mike’s background, our work continues to be focused on understanding the relationship between Eocene magmatism and gold mineralization in the Great Basin.

I want to thank GSN for the opportunity to write this Faces of GSN column and introduce myself to those I haven’t met in the organization. It will be interesting to read this column in thirty years, as unlike many previous writers, I still am in the early stages of my career. All I can say for sure at this point is the past ten years haven’t unfolded as planned and I don’t suspect the next thirty will either – I just hope much of that time is spent in the field.



GSN ELKO CHAPTER MEETING

THURSDAY, MAY 17, 2018

Location: The WESTERN FOLKLIFE CENTER, 501 Railroad St., Elko

Time: Appetizers & Drinks @ 6:00 p.m., Talk @ 7:00 p.m.

**Speaker: Jan Taksavasuu of Colo. School of Mines (PhD Geology)
and one of our scholarship awardees**

**Title: “Silica Vein Textures in Low-sulfidation Epithermal deposits:
the origins and implications for mineral exploration”**

Food and Drinks Sponsored by:

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GSN WINNEMUCCA CHAPTER MEETING

WEDNESDAY, MAY 9, 2018

Location: The MARTIN HOTEL, 94 Railroad St., Winnemucca, NV

Time: 6:00 p.m.—Appetizers & Drinks, 7:00 p.m.—Talk begins

Speaker: Rick Streiff, OceanaGold Corporation

Title: “Timeline to Discovery at WKP, New Zealand”

Food and Drinks Sponsored by:



ABSTRACT:

Timeline to Discovery at WKP, New Zealand

Rick Streiff, Exploration Manager, OceanaGold Corporation

May, 2018

WKP is a historic prospect within the Hauraki Goldfield, a classic epithermal mining district located on the North Island of New Zealand. Over 50 producing epithermal veins are located in the district, hosted mainly in Miocene to Pliocene andesites, dacites or rhyolites overlying a Jurassic aged metasedimentary sequence. The district has produced over 12 million ounces of gold and 62 million ounces of silver since its discovery in 1862.

Unsuccessful historic mining at WKP was mainly from 1893-1897 at the Royal Standard mine. Modern exploration was undertaken by Amoco, BP and others from 1978-1993 and included 5,500 meters of drilling along the main stream outcrop. Newmont acquired a controlling interest in the property in 2005 and started some preliminary work on the prospect in 2007-2008. Reconnaissance geologic mapping and field checking of previous mapping in early 2009 highlighted the need to remap the geology of the entire prospect area. Interest quickly moved from previously explored area to following up on additional areas of alteration and veining mapped in the field. Large areas of the prospect, previously interpreted to be overlain by thick post-mineral andesite flows, were found to be mantled by a thin layer of landslide debris, greatly increasing the size of the prospective area.

Newmont ramped up the exploration activity at WKP based on the results of this initial mapping. Detailed outcrop mapping with rock chip sampling was completed, followed by soil sampling and a 5.3 line-kilometre CSAMT program. Results indicated a new epithermal system about 600-800 meters west of the historically prospected area at WKP.

Newmont drilled WKP-24 across the target zone in 2010, intersecting the main T-Stream vein and 156 metres at 1.6 g/t Au in the footwall of that vein. Higher grade intervals, up to 1.6m @ 30.1 g/t Au, were also intersected, as well as a 6.9 metre true width zone on a dike margin averaging 6.8 g/t Au. Wide-spaced follow-up drilling in 2010 and 2011 extended the strike of this Central Zone to over 800m with all holes containing similar grades. Additional CSAMT followed by drilling identified at total of three prospective vein zones at WKP, each striking more than a kilometre in length. Newmont ceased work in 2013 after drilling 7,000 metres in 15 holes, intersecting strong and locally high grade mineralisation in all holes drilled.

The prospect remained idle from 2013 until 2016 when work was resumed by OceanaGold, who had acquired Newmont's New Zealand assets. Additional mapping and CSAMT led to a drill being mobilised in August, 2017. The first hole, WKP40, targeting the Eastern Graben vein, intersected a 7 metre true width banded quartz vein averaging 10.84 g/t Au and 12.3 g/t Ag. The second hole, drilled 125 metres to the northeast, intersected 10.0 metres at 24.35 g/t Au and 32.0 g/t Ag in the same banded quartz vein. Significant mineralisation was also discovered in both hanging and footwall veins of the main vein. The Eastern Graben vein remains open in several directions and drilling is ongoing at this time. The key to discovery at WKP included looking at the prospect without preconceived ideas, following a step by step persistent approach to generate new targets and a strong understanding of epithermal systems.



The GSN Executive Committee, Board of Directors and Members would like to take this opportunity to thank Lance Taylor, President of Geotemps, and his crew for their ongoing financial support of the GSN! Behind the scenes, Geotemps handles the payroll for GSN and donates all of the overhead costs and employment taxes that this entails!

Geotemps also subsidizes every GSN Student Member's membership dues to reduce the amount each student pays for dues to only \$10.00. Geotemps also sponsors the social hour at several of GSN's monthly meetings each year. We appreciate what you do for this organization! Thank you Lance, Sarah, Morry, Chris, Renae, Masie, Allyson and Hannah!



GSN 2020 Symposium Planning Committee

Greetings GSN Members,

The planning committee for the GSN 2020 Symposium held a meeting on Friday, the 20th. The pace of planning activities is quickening. The Technical Program committee, including Mike Ressel, Curtis Johnson, and Molly Hunsaker, have drafted a preliminary program schedule and are preparing an announcement with call for papers to be released before July. Co-chairs are in-place for several committees as follows:

- Field Trips: Joe Kizis, Elizabeth Zbinden, and Kristen Benchley
- Posters and Core Shack: Don Hudson and Patsy Moran
- Short Courses: Alan Morris and Dave Browning
- Exhibits: Mary Stollenwerk and Tony Gesualdo
- Publicity: Alan Coyner and Sandra Wyld

These committees will coordinate with the Technical Program committee to prepare the upcoming announcement. Al Coyner has reached out, recently, to a number of geoscience organizations with news of the symposium schedule. This effort will continue.

The planning committee is reaching out to several organizations regarding participation in the symposium as co-hosts. To-date, the Society of Economic Geologists has expressed interest in being a co-host and preparing a workshop to be held on the Sunday preceding the symposium.

The next meeting of the GSN 2020 planning committee is scheduled for noon on Friday, May 18th at Conference Room 111, Building B, 4600 Kietzke Lane in Reno. Thanks to all who have participated in planning committee activities to-date. We welcome others who wish be involved. GSN 2020 Symposium will be 24 months from our planning meeting in May. This might seem to be a significant period of time ahead of us, but there is a lot to accomplish. Thanks for your interest.

Thank you,
Eric Struhsacker
GSN 2020 Symposium Chairman

GSN 2020 SYMPOSIUM

Announcing the NPGS 2018 Field Trip Dedicated in Memory of Jim Trexler September 7-9, 2018

This field trip will focus on the over-arching tectonic problem(s) that Jim and crew were working on including the Late Paleozoic Southwestern Laurentian Borderland (SLaB) and unraveling the tectonic history through sedimentation and structural geology



Jim Trexler 1946 – 2017

Photo by: Marieke Dechesne

Field trip stops led by: Pat Cashman, Don French, Dan Sturmer, and more!

Preliminary Itinerary:

7 Sep 2018:

- o Meet in Reno Nevada – Carpooling logistics
- o Field trip stops near Golconda
- o Evening group meeting-dinner in Elko

8 Sep 2018:

- o Carlin outcrops
- o Evening group meeting-dinner in Elko

9 Sep 2018:

- o Pine Valley area

10 Sep 2018 (optional):

- o Eureka area

Registration and final field trip itinerary will be announced this spring.

**Questions? Want to help in some way?
Contact General Chair Dan Sturmer
(Daniel.Sturmer@uc.edu)**

*Thank you to our generous
DONORS in APRIL*

G.S.N. Student Dinner Fund

Lindsay Craig

*Thank you to our generous
Sponsor for the So. Nevada Chapter
Meeting in April*



*Thank you to our generous
sponsor for the Winnemucca Chapter
Meeting in April*



*Thank you to our generous
sponsor for the Elko Chapter
Meeting in April*



GSN FOUNDATION

GSN Foundation Hands out Field Camp Grant Awards

On Friday, April 20th at the GSN meeting in Reno, 13 UNR Mackay Students were the recipients of grants to help them with the costs of their field camp tuition this summer. As many of you may remember, field camp eats into your ability to earn summer money for the regular school year and costs a lot out of pocket! The GSN Foundation is happy to be able to help curb the costs of this very valuable course in their academic careers. Thank you again to the generous members who donated to the Foundation this year and especially to those who designated their donations to the field camp fund.

The students who received checks for field camp were:

Alison Cramer, Keeton Cahill, Nate Delgado, Jacob Edwards, Marshall Elliott (not pictured), Amanda Hood, Jennifer Lange, Gary McGaughey, Natasha Neto, Thomas Ott, Morgan Remick, Nicholas Robi-
nette and Mary Rudolph. Congratulations!



Spring 2018 Field Trip!

The Registration Form is on page 10 of this newsletter. Sign up now to save your spot! Only 5 SPOTS LEFT!!!!



**Geological Society of Nevada (GSN) Spring 2018 Field
Trip Friday, Saturday & Sunday, June 8, 9, 10, 2018**



“Epithermal mineralization of the Monte Cristo's, rhyolite domes and regional detachments”

The Spring GSN Field Trip will visit locations in the Monte Cristo Range and the Eastside Project. We will departing Reno in Vans after lunch on Friday, June 8th and heading to Tonopah, Nevada for lecture and dinner. Saturday will be stops at Eastside and Gilbert then back to Tonopah for lecture and dinner. Sunday will be looking at Eastside drill core then regional detachment until 1:30 p.m., heading back to Reno arriving at 6 p.m.

Friday, June 8, 2018: (Tentative schedule) 12:30 p.m. - Vans depart from GSN office for Tonopah, Nevada
6:00 p.m. - Drinks, Dinner and Speaker at the Mizpah Hotel, Tonopah, Nevada
Overnight at the Mizpah Hotel

Saturday, June 9, 2018: (Tentative schedule) 6:30-7:30 a.m. - Breakfast at the Mizpah Hotel (included with registration)
8:00 a.m. - Vans depart for Eastside, Gilbert and Gilbert South
12:00 Noon - Sack Lunch provided
6:00 p.m. - Drinks, Dinner and Speaker at the Mizpah Hotel, Tonopah, Nevada
Overnight at the Mizpah Hotel

Sunday, June 10, 2018: (Tentative schedule) 6:30-7:30 a.m. - Breakfast at the Mizpah Hotel (included with registration)
8:00 a.m. - Eastside drill core in Tonopah, then regional detachment
12:00 Noon - Sack Lunch provided
1:30 p.m. - Vans head back to Reno to arrive by 6:00 p.m.

THANK YOU TO OUR GENEROUS SPONSORS!



Name: _____

Company: _____

Cell Phone: _____

Email: _____

Person to contact in case of Emergency:

Name: _____

Phone: _____

Lodging: Single Mizpah Double J. Butler No Room

Double Roommate: _____

G.S.N. MEMBER REGISTRATION COST:

- \$375 - Single Room at the Mizpah Hotel (2 nights)
- \$290 - Double Room at Jim Butler Inn (2 nights)
(no doubles available at the Mizpah)
- \$165 - No Room needed in Tonopah, NV
- \$140 - Spouse w/Member @ Mizpah (No guidebook)
- \$0 - GSN Student Member Helpers (limit 6)

***NON-MEMBER REGISTRATION COST:
PLEASE ADD \$50 TO THE ABOVE RATES**

*Non-members are encouraged to become members of the GSN in order to take advantage of the reduced Member Rates - Annual Dues are \$50/year.

**Payments must be made by Monday, May 28, 2018
No refunds after Wednesday, May 30, 2018**

Total amount included with this form: _____

Payment: Check # _____ Cash Visa Master Card Discover American Express

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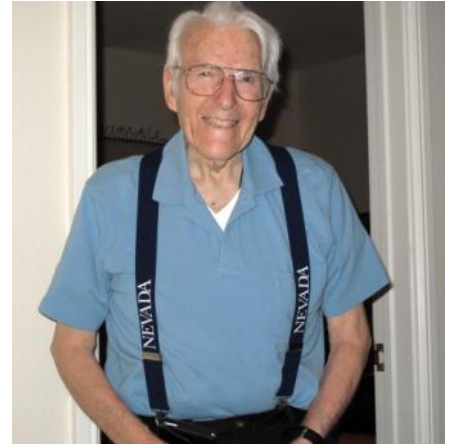
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Phone: (775) 323-3500, Fax: (775) 323-3599
E-mail: gsn@gsnv.org

Effort to Rename the Seismo Lab or Center for Neotectonics at UNR after Burt Slemmons

ACTION NEEDED!

Hello to all friends of David B. "Burt" Slemmons. In recent months, there has been an effort to honor Burt Slemmons' memory by renaming one of the schools he helped to foster and develop at the University of Nevada, Reno. As many of you know, Burt was instrumental in founding and developing both the Nevada Seismological Laboratory and the current Neotectonics Studies program as well as being a founding member of the Geological Society of Nevada. If you are reading this in the GSN Newsletter, it's because of Burt.



Steve Weiss posted this announcement in the GSN Newsletter a month ago and we have only received a couple of responses. We need more. There are many of us who studied and worked with Burt both at UNR and in the wider field of professional geology, and who knew him as a colleague and a friend. We are getting to be senior citizens ourselves. If Burt is to be memorialized, we are the ones who remember him and can best tell of our experiences, how he may have influenced our lives and careers, and what knowing and working with him have meant to us. We need your help.

Recently, Steve Weiss and I met with the dean of the College of Sciences, Dr. Jeffrey Thompson. He has indicated his support for the effort to rename one of the schools Burt founded (either the Nevada Seismological Lab or the Center for Neotectonic Studies) in his honor. The dean emphasized that people who knew Burt are very important to this effort and that the university needs to receive testimonials in support of both Burt and the worthiness of this proposal. He emphasized that the more personal the testimonial, the better it will be. The Board of Regents will have final say on whether this comes to pass. As far as I know, none of the current regents knew Burt when he was active at UNR. They will need our input to make their decision. This is not going to be easy. The university has rules governing who can have naming rights, and faculty are usually not included. Because of Burt's groundbreaking contributions to the university, he may be one of the few to qualify as an exception to this restriction. Right now, this is not about money and endowments; it is about honoring a man who deserves to be remembered for the good that he has done.

If you knew Burt, I hope you will take the time to respond. I've set up a Facebook page so that people will also have the opportunity to make commentary there if they prefer: <https://www.facebook.com/burtUNRmemorial/> You can also contact me at peggraphix@sbcglobal.net or Steve Weiss siraweiss@outlook.com for more information or to submit your testimonial. If you prefer to send your testimonial directly to the dean, his contact information is below. Dean Thompson requests that you cc his administrative assistant, Melissa Bell, with any correspondence. Please cc to Peg as well:

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Thank you so much.

Peg O'Malley, UNR, Mackay School of Mines, Class of 1980



GSN Reno Aces Family Night
FRIDAY, July 20, 2018

Sponsored By **National EWP**

More info will be emailed out in June!

RSVP to the GSN Office at gsn@gsnv.org.



GSN 2018-2019 ELECTION RESULTS

OFFICERS FOR THE 2018-2019 G.S.N. EXECUTIVE COMMITTEE:

PRESIDENT: Richard Bedell, Renaissance Gold

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John Watson, Watson Resources LLC

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Secretary: Anthony Gesualdo, Barrick Gold TRJV

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Membership Chair: Maximillian Pranckh, Barrick Gold TRJV

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Vice President: Nathan Eck, Barrick Gold Exploration Inc.

Treasurer: Mark Bradley, Barrick Gold Exploration Inc.

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SOUTHERN NEVADA CHAPTER OFFICERS FOR 2018-2019

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Treasurer: Paul Bowen, R.P. Bowen Engineering Inc.

Secretary: Becky Humphrey, UNLV Grad Student

Membership Chair: Pamela Ball, Nevada State College Student

Please thank your outgoing Officers who have served the G.S.N. so well!

GSN President—Kelly Cluer, Immediate Past-President— Alan Coyner

GSN Elko Chapter President, Mark Travis; Membership Chair-Liz Wilson

GSN Winnemucca Chapter Membership Chair—Chad Peters

GSN Southern Nevada Chapter President—Paul Dockweiler

William Way Walker (W3)

March 12, 1939 - March 18, 2018



Bill was born in Pittsburgh, PA and resided in the area with his Parents, Sister Betsy (Neff) and Brother Albert until attending the Colorado School of Mines.

After graduating Mines in 1961 with a geological engineering degree he began an exciting career lasting over fifty-five years as an exploration geologist working both internationally and domestically in grass-roots exploration, new mine development and supervision of country wide exploration programs.

Bill began his career right after graduation working for Climax Molybdenum Company (AMAX) in Climax, Colorado. Next he worked for Schlumberger Well Services in California, Montana, North Dakota, Libya and offshore United Kingdom. He also served as Division Geologist for Central and Southwest Fuels, Inc., a uranium and coal exploration company and as Vice President of Earth Sciences, Inc., a mineral exploration company;

In 1979, Bill was a founder of Canyon Resources Corp., a precious metals exploration and mining company. Bill served as Canyon's Vice President until 1985 and it's President until 1987. Subsequently, Bill led the exploration efforts for Canyon as Vice President-Exploration where he directed the exploration programs and was responsible for joint venture activities and property farmouts. Bill also established a large international exploration program and served as President of Canyon Resources Africa Ltd., CR Brazil Corporation and Canyon de Panama, S.A.

During the past 20 years, Bill worked as a consultant for projects located in the Western United States, Canada, Europe and the Yukon.

Bill has been reunited in Heaven with his beloved daughter Monique. He is survived by his loving and devoted wife Shirene, his two sons Steve and Kevin Walker as well as five grandchildren and 2 great grandchildren.

Drinks at the May meeting in Reno will be "On Bill" in his honor!



Resources for Future Generations 2018 Preliminary Program has been Released

We've been excited about the [Resources for Future Generations 2018](#) conference but reading through the Preliminary Program has got us inspired!

RFG2018 aims to provide participants with a program that will explore six vital and inter-related themes that are multidisciplinary in nature: the Earth, Energy, Minerals, Water, Resources and Society, and Education and Knowledge.

The four-day technical program has 1,500+ authors already committed to the conference, with 50% of the presenters from Canada and the other 50% from all other regions of the world. It's a truly impressive cohort from a vast array of disciplines.

The topics of both keynotes and technical sessions are central to the United Nations 2030 Sustainable Development Goals. RFG2018 will provide an unprecedented view of the earth and the availability of resources for human sustainability. Expect big picture thinking, dialogue, technical presentations, and social interaction. Established science, innovation, policy, social benefits, and impact will all be part of RFG2018.

Check out the preliminary program here: <http://ow.ly/Ms5w30jCtEd> #RFG2018



Preliminary Program Now Available



Activity Update

Mike Brady, March 2018
www.activityupdate.com

NEVADA

Alio Gold Inc. announced that it offered to acquire Rye Patch Gold Corp. through a 0.48 share Alio/1.0 share of Rye Patch exchange basis. (resource @ Florida Canyon = 76,000,000 tonnes @ 0.37 gpt Au measured+indicated) *Press Release:* March 19

Hecla Mining Co. announced that it offered to acquire Klondex Mines Ltd. for \$2.47/share in cash and shares valuing Klondex at \$462,000,000. (reserve @ Midas = 280,900 tonnes @ 7.95 gpt Au, 306.2 gpt Ag proven+probable) *Press Release:* March 19

Allegiant Gold Ltd. announced that recent drill results at the Eastside Project include 198.1-211.8 meters @ 0.28 gpt Au (ES-138); 271.3-294.1 meters @ 0.13 gpt Au (ES-140); 301.8-344.4 meters @ 2.49 gpt Au (ES-147) and 161.5-184.4 meters @ 0.75 gpt Au (ES-151). *Press Release:* March 5

Radius Gold Inc. announced that it leased the Coyote Property from Geologic Services Inc. for yearly payments (unspecified) and an ending cash payment of \$2,000,000. *Press Release:* March 21

Fiore Gold Ltd. announced that recent drill results at the Pan Project include 35.1-100.6 meters @ 0.38 gpt Au (PND18-01); 0-10.7 meters @ 0.89 gpt Au (PND18-02); 48.8-131.1 meters @ 0.45 gpt Au (PND18-03) and 41.1-64.0 meters @ 0.55 gpt Au (PND18-04). (reserve = 19,004,000 tonnes @ 0.51 gpt Au proven+probable) *Press Release:* February 27

Gold Resource Corp. announced that it acquired the County Line Property from Nevada Select Royalty Inc. for \$300,000 cash. *Press Release:* March 12

Premier Gold Mines Ltd.(40%) announced that reserves at the South Arturo Mine aggregate 2,550,000 tonnes @ 2.97 gpt Au, 13.6 gpt Ag proven+probable open pit. (was 2,148,000 tonnes @ 5.62 gpt Au proven+probable) *Press Release:* February 26

Nevada Zinc Corp. announced that recent drill results at the Lone Mountain Project include 56.73-60.39 meters @ 1.8% Zn, 0.39% Pb (NLM17-07);

143.05-167.75 meters @ 23.06% Zn, 0.29% Pb (NML17-08); 108.28-135.73 meters @ 0.93% Zn, 7.60% Pb (NML17-09) and 102.48-128.1 meters @ 4.35% Zn, 0.07% Pb (NLM17-10). *Press Release:* March 1

Pershing Gold Corp. announced that recent drill results at the Relief Canyon West Project include 153.19-159.44 meters @ 1.61 gpt Au (RC18-500); 158.62-175.0 meters @ 1.31 gpt Au (RC18-501); 156.51-166.24 meters @ 1.16 gpt Au (RC18-502) and 222.2-226.47 meters @ 21.78 gpt Au (RC18-503). (resource @ Relief Canyon = 33,561,000 tonnes @ 0.68 gpt Au measured+indicated) *Press Release:* March 19

Corvus Gold Inc. announced that recent drill results at the Mother Lode Project include 210.31-214.88 meters @ 3.61 gpt Au (ML17-048) and 230.12-237.74 meters @ 21.77 gpt Au (ML17-049). (sulfide resource = 8,545,000 tonnes @ 1.57 gpt Au indicated) *Press Release:* March 22

Monitor Gold Corp. announced that it acquired an option to earn a 100% in the Monitor Property from Ely Gold Royalties Inc. for \$677,000 cash over 10 years. *Press Release:* March 28

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OTHER UPCOMING EVENTS

1 May 2018 Arizona Geological Society meeting, 6 p.m. to 9 p.m. at the Sheraton, 5151 E Grant Rd. (& Rosemont), Tucson, AZ. **Speaker: William B. White presents. "The Science of Caves and Cave Contributions to Science"**. For more info and online registration click on the link: <https://arizonageologicalsoc.org/events/>. Dinner closes on March 30th.

3 May 2018 Nevada Petroleum & Geothermal Society, Reno, Nevada monthly meeting. *Cocktails at 6:30 PM, Dinner at 7:00 PM, Ramada Reno Hotel; 1000 East 6th St., Reno NV 89512.* **SPEAKER: Jason Craig, Geologist, Student University of Nevada, Reno. TOPIC: Discovery and Analysis of a Blind Geothermal System in Southern Gabbs Valley, Western Nevada.** *Please make reservations by Tuesday, May 1st by using the following link: <https://www.123signup.com/register?id=hbxsj>*

14 May 2018 SME Northern Nevada Section Monthly Meeting. Circus-Circus Mandalay Room, Reno NV. **Speakers: Rich Perry, Nevada Division of Minerals, presents, "2017 Nevada Minerals, Geothermal and Oil Production" AND Paul Linton, TerraCore, presents, "Resource Engineering"**. Happy Hour @ 6 pm, Dinner @ 7 pm. Please contact Alex Wheatley for more information NnevSME@gmail.com. You can pay dinner in advance at: <https://squareup.com/store/nnevsmc>

14 May 2018 DREGS (Denver Region Exploration Geologists), Speaker: Dr. William Rehrig, distinguished lecturer. Topic: "New Discoveries, New Questions—60 Years in Exploration Geology". Social 6 p.m., Presentation 7 p.m. at Berthoud Hall, Room 241, CO School of Mines, Golden. For more info. contact James Piper at geopros@q.com

17 May 2018 AEG Great Basin Section Monthly Meeting. Sure Stay Plus Hotel by Best Western, 1981 Terminal Way, Reno NV. **Speaker & Topic to be announced.** Social Hour @ 5:30 pm, Dinner @ 6:30 pm, Presentation @ 7:00 pm. Please email Merrily Graham to RSVP at mkgraham75@gmail.com.

7 July 2018 The staff at McClelland Labs Inc.. and Sparks High School cordially invite you to the **28th Annual McClelland Labs / Sparks High School "Duffers" Invitational Golf Tournament~ Saturday, July 7, 2018, Sierra Sage Golf Course - North of Reno. Cost is \$75 ea. 4 person scramble format, Registration - 7:00 a.m. Shotgun start 8:00 a.m. Please contact Melissa Hurt at McClelland for registration forms. mhurt@mettest.com; 356-3100.**

22-25 May 2018 SEG 2018: Metals, Minerals, and Society, Keystone, Colorado, USA. www.seg2018.org



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FRIDAY, JUNE 22, 2018, 4:00 p.m.—7:00 p.m.

At the PEAVINE PAVILION

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Please join us and fellow GSN Members for an evening of BBQ, Drink & Games!

Please R.S.V.P. to the GSN office by Friday, June 15, 2018

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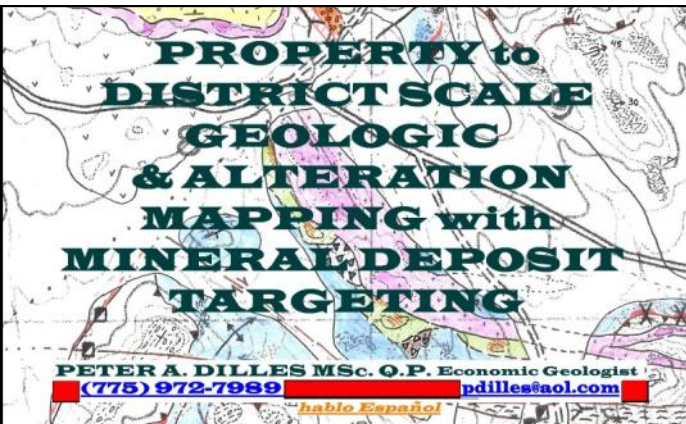
Clark Jorgensen, M.Sc.
Geophysicist

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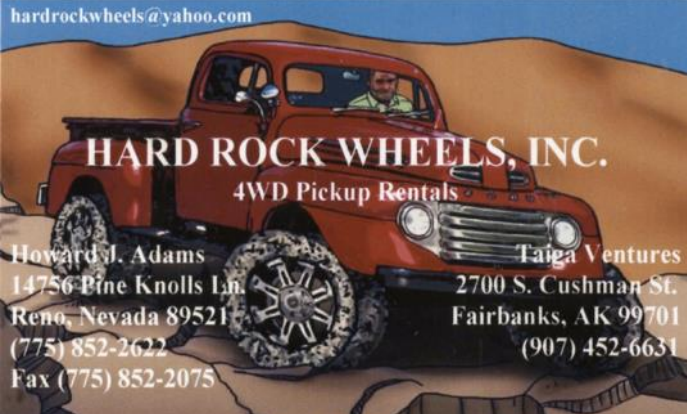


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TRAVELLING GSN BACKPACKS!

A GSN backpack made it's way to Ireland last month riding on the backs of GSN Members, Mary Stollenwerk and Derreck Sadjoeri. The photo to the right was taken at Blackrock Castle and Observatory, County Cork.

(Submit your photo to the GSN office anytime!)

