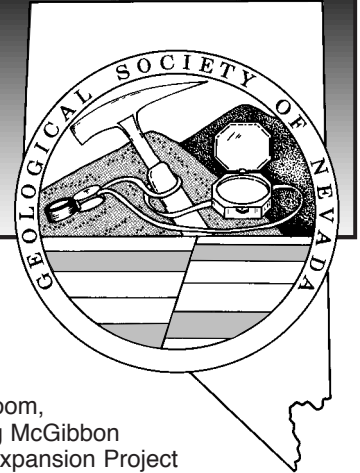


GSN NEWSLETTER



September 2002, Vol. 16, No. 7

CALENDAR OF EVENTS

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**Sept 4
Wednesday**

WINNEMUCCA CHAPTER MEETING: Humboldt Room, Red Lion Hotel and Casino, Winnemucca, NV. Doug McGibbon will be speaking on the Geology of the Millennium Expansion Project at the Marigold Mine. Refreshments start at 6:30 pm and the meeting starts at 7:00 pm. Contact Sheila Bunch, 775/623-0202, sbunch@lambdacom.com.

**Sept 26
Thursday**

HONORARY MEMBER, RALPH ROBERTS' BOOKSIGNING RECEPTION: title: "A Passion for Gold: An Autobiography," Mackay Mines Building, Univ of NV, Reno campus, 5:30-7:30 pm. Free parking available in the Brian Whalen Parking Complex. Please call Mati Stephens, MSM, 775/784-6987x236 for information.

**Sept 29
Sunday**

GSN 14th ANNUAL PICNIC: Bower's Mansion State Park, Washoe Valley, South of Reno, NV. Sign-up form on page 3. Call Laura Ruud, 775/323-3500.

**Oct 18
Friday**

GSN MEMBERSHIP MEETING: Reno Elks Lodge, Reno, NV. Bob Leonardson, Barrick Gold Exploration Inc. Topic: "Pascua-Lama/Veladero." Call Laura Ruud at the GSN office for dinner reservations, 775/323-3500.

Oct 19 & 20

GSN FALL FIELD TRIP: Couer Rochester and Florida Canyon and the Standard Mine. See page 2 for more information.

GSN Newsletter is published monthly except June and July
Geological Society of Nevada, PO Box 12021, Reno, NV 89510-2021 USA, 775/323-3500

FROM THE PRESIDENT

Bob Thomas, GSN President 2002-2003

Greetings! It's hard to believe that summer's almost over. GSN, however, has not been on sabbatical. We've sponsored a couple of events that have hopefully helped spice up the "off-season". For starters, 22 members participated in the 3-day surface miner MSHA training course held July 23-25 at UNR. GSN arranged the course, and for those of us who participated, the setting and timing were quite convenient. We had a 100% graduation rate, and we're now legal and can proudly display our MSHA papers if requested on a drill site. GSN can put on more of these courses if we get enough interest, including the one-day annual refresher course. Minimum number required to put on a course at the place of our choosing is 12.

On August 15, GSN had a first – a summer lecture. It turned out to be our highlight event of the summer. Doug Silver graciously offered to be the speaker, and his talk was entitled "The Gold Industry – We're Back!!" Members Ann and Tom Carpenter went above and beyond and provided their yard as the setting for Doug's talk. Rich Delong and Opal Adams of Environmental and Resource Management sponsored the beverages. Various folks provided snacks,

including Ruth Carraher, Susie Mason, Eric and Debbie Struhsacker, and a few others that I have probably neglected to mention. Around 100 people attended this informal affair, the hardy turnout no doubt in part because Doug is an entertaining and informative speaker. Many in our ranks are tied to the gold mining industry in some way, an industry that has been somewhat beleaguered until recently. I believe that the strong attendance also reflected the fact that many of us were simply interested in hearing a positive message for a change.

Speaking of positive messages, I've noticed that it's been a challenge to get all of the Executive Committee members together for our monthly meetings this summer. That's good news because the reason for our attendance problem is that people are busy working, a welcome problem for most of us. Rest assured, however, that the GSN business is still getting accomplished - email is wonderful.

The slate of speakers for the upcoming meeting year is being assembled, albeit somewhat slowly. So far, we have the October, November and December meetings scheduled, with a number of "possibles" for the remainder of the



News and Announcements

FROM THE PRESIDENT (continued)

year. The current schedule with generalized topics is as follows: October – Bob Leonardson (Barrick) – Pascua-Lama/Veladero, November – Jon Carlson (BHP Billiton) – Ekati Diamond Mine, December – Steve Castor (NBMG) – Nevada Minerals.

Finally, as has been reported in the newsletter earlier, the **GSN Symposium 2005** planning is off and running. **Please see announcement and call for volunteers inside this newsletter.** Committees are being established, and General Co-Chairs Jon Price and Eric Ruud are leading the way. Cheri Reimann is Secretary. So far there have been several planning meetings, with the next one scheduled for October 18th, place to be announced. One huge ingredient to the success of past symposiums is our ability to attract a sufficient number of volunteers to the cause. We currently have a small group working together in the planning of this undertaking, but **we need more help!** I've been told by the "pros" that you can never have enough volunteers; the more volunteers we have, the lighter the work load will be on everyone involved, thereby making it an enjoyable experience.

Remember, regular membership dinner meetings start on October 18th. I look forward to seeing you there!

GSN FOUNDATION UPDATE

Joseph Anthony Kizis, Jr., Chairman of the Board

The GSN Foundation needs your support!

... to continue its programs for this fiscal year. Unrestricted donations from our individual members are particularly important at this time so that we can continue our programs while we build up the Endowment Fund, primarily through our corporate sponsors. Members, please consider including a donation for the Foundation along with your GSN membership dues payment. Even a small donation of \$5, if received from a majority of our members, would provide a significant portion of our annual funding requirements. Members can also help by encouraging our corporate sponsors to give generously to the Endowment Fund.

Categories for donations are:

Benefactor Level	\$5000 and above
Gold Level	\$1000 to 4999
Silver Level	\$500 to \$999
Donor	up to \$499.

The GSN Foundation is a 501(c)(3) public charity that sponsors several programs advancing the Earth sciences, primarily in Nevada. These programs are the K-12 Earth science field trip grants, scholarships for students at UNR and UNLV, grants for basic geologic mapping in Nevada, and donations to UNR's Earth Science Library. The Foundation is run entirely by volunteers.

FALL FIELD TRIP

Clancy J. Wendt, GSN Vice President

GOLD DEPOSITS OF THE HUMBOLDT RANGE NEW DISCOVERIES IN AN OLD DISTRICT

October 19 - 20, 2002

The GSN Fall field trip will visit the Florida Canyon, Standard, Packard Flat, and Rochester mines. The trip will emphasize the geology of the well known and often visited Florida and Rochester Mines and also see the new discoveries at the Standard and Packard Flats deposits. The trip will leave Reno on Saturday, October the nineteenth to go to the Florida Canyon and the Standard Mines with Robert Thomason and Rich Larsen as field trip guides. We will spend the night at the Ramada Inn in Lovelock. On the twentieth, first we will visit the Packard Flat and Rochester Mines with Dave Harvey as the field trip leader and return later that day to Reno. This will be the first trip to the new discoveries at the Standard and Packard Flats Mines and will provide a chance to see new deposits before they are holes in the ground. Many thanks to the following sponsor: **Eklund Drilling.**

Fall 2002 Field Trip Sign Up

Name _____

Daytime Phone _____

Fax _____ Email _____

Company _____

Address _____

Email _____

Person to contact in case of emergency:

Name _____ Phone _____

Lodging needed in Lovelock: Y__ N__ Single__ Double__

Roommate (or we will assign) _____

MEMBER COST: Double room-\$135.00, single room-\$155.00, w/o Lovelock lodging-\$120.00

NON-MEMBER COST: Double room-\$160.00, single room-\$180.00, w/o Lovelock lodging-\$140.00

Amount included with this form \$ _____

Paid with Check # _____

Visa__ MC__ Exp Date _____

Credit Card # _____

Signature _____

(as it appears on card)

Payment must be made by Oct 10, 2002. No refunds after Oct 15, 2002. Fax: 775/323-3599 or mail to GSN office: P.O. Box 12021, Reno, NV 89510-2021, or email to: gsn@mines.unr.edu

Price includes: transportation; lunch & dinner Sat; lodging; breakfast and lunch Sun; field trip guide book, snacks, beer, and soft drinks.

Reservations will be on a first-come, first-serve basis. We will be using rented Vans, and are looking for **volunteer drivers**. In order to keep the entourage down to a reasonably small number, **the field trip is limited to 40 attendees.** Payment must be in the GSN office for your reservation to be guaranteed.

GSN October 18, 2002 Membership Meeting

Date: Friday, October 18, 2002

Time: Social-6:00, Dinner-7:00 (\$17.00), Meeting-8:00

Reservations: 775/323-3500; fax 323-3599, e-mail gsn@mines.unr.edu

Deadline: Reserve by noon Wednesday, October 16

Location: Elks Lodge, 597 Kumle Lane, Reno, NV

Directions: Across (W) from the Reno-Sparks Convention Center (S Virginia St), behind the Les Schwab Tire Center

Speakers/topic: To be announced.

GSN 14TH ANNUAL PICNIC

Mark your calendars!

The GSN's 14th Annual Picnic is scheduled for **Sunday, September 29, 2002** at Bowers Mansion Park in Washoe Valley, in the North Picnic area. The picnic will begin at Noon and will go until 5:00 p.m. Bring your spouse, your significant other, your kids, your friends or just yourself for an afternoon of adult games, kid games, barbeque and beer. The GSN Education Committee will provide the meat, beans, snacks and beverages. We ask that you bring a salad, vegetable or dessert to share. Please complete and return the form by September 23rd or call Laura Ruud at the GSN office, 775/323-3500, to make reservations.

Hope to see you there!

14th ANNUAL GSN FAMILY PICNIC

Name: _____

Total # family members or guests in your party: _____

Ages of children: _____

Address: _____

City/State/Zip: _____

Daytime phone: _____

Bringing salad: _____

or dessert: _____

Enclosing: **\$10.00 per family** or **\$5.00 per single**

Please mail to:
Geological Society of Nevada
P O Box 12021,
Reno, NV 89510-2021
or fax to: 775/323-3599

The GSN Foundation wishes to thank the following donors for their support this summer:

"Donor" Level

Michael Flach
Steve Barnwell
Roger Steinger

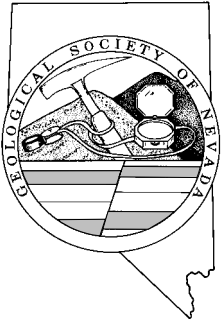
AIPG/AEG SYMPOSIUM FOCUS ON CAREERS

September 27, 2002 at the Peppermill, Reno, NV

Symposium on Sustainability of the Industry and Profession: The AIPG/AEG conference at the Peppermill the week of September 23-27 concludes with two sessions on Friday which should be of special interest to GSN members. The morning session, Sustainable Development of Natural Resources, Fact or Fantasy? features panelists **Ann Carpenter**, Consultant, **Dan Adams**, Pegasus Gold Montana, **Dirk van Zyl**, UNR, **Rick Richens**, Earthworks Technology and **Bill Upton**, Placer Dome. The latest developments on this political hot potato will be addressed by our panelists, with topical examples and a lively point – counterpoint. The afternoon session features four speakers and the moderator. The general theme is simple: what can you do to protect your career? Panelists include **Sylvia Harrison Ph.D.**, a geologist and attorney with McDonald Carano, **Lyle Taylor**, GEOTEMPS, **Dave Sadoff**, a geologist with a large California insurance company, and **John Cleary**, an explorationist and developer. Both sessions are moderated by Kelvin Buchanan.

You may sign up for the Friday session only, if you don't wish to attend the whole conference. The cost of a one day session is \$130 or \$50 for students. Please contact either Jon Price (jprice@unr.edu) at 784-6691 or Kel Buchanan (summitcrk@aol.com) at 786-4515 or 772-8564 for a registration form.

Golf Tournament, Tues, September 24 at Lakeridge Golf Course: Eklund Drilling is sponsoring a best ball format tournament at Lakeridge, with a tee off time of 1:00 pm. We need some local GSN members to play. **There is no need to sign up for the AIPG/AEG conference.** Simply contact Kel Buchanan at one of the above numbers to take advantage of this opportunity. The cost is \$45 with complimentary beverage cart and miscellaneous prizes. The normal green fee for Lakeridge is \$78 so this is a real deal.



GEOLOGICAL SOCIETY OF NEVADA

8/02

P.O. Box 12021, Reno, NV 89510-2021 USA

Phone (775) 323-3500 • Fax (775) 323-3599 • gsn@mines.unr.edu • www.gsnv.org

GSN Annual Dues are Now Due!

Please renew dues now by pulling out (or printing) the membership form and mail it in with your payment to GSN, PO Box 12021, Reno, NV 89510. If you are paying with Visa or MasterCard, you can fax the form to 775/323-3599 or call Laura Ruud at 323-3500 to renew over the phone.

Please read the form completely and make any necessary changes to addresses, position, company, etc. and especially email changes. The GSN would appreciate all those who can, to receive their newsletter via email instead of the postal service. Currently it costs about \$1.45 per newsletter for printing, handling and postage, which means \$14.50 of your dues payment goes just to produce the newsletter. We will begin requiring foreign members to get the emailed version or pay the additional postage.

If you want to receive GSN email announcements, you must check the box on the renewal form. If you had it checked last year, then I will continue to email you the announcements. These emails can be anything from a job opening to upcoming events to special notices from other members.

Please remember the GSN Foundation when you are renewing. Foundation dollars are used for the Kindergarten through 12th grade Field Trip Grant Program, Nevada Mapping Grants and University of Nevada scholarships.

GEOLOGICAL SOCIETY OF NEVADA MEMBERSHIP APPLICATION/RENEWAL

NAME: _____ POSITION/TITLE _____

CONSULTANT COMPANY NAME: _____

STUDENT UNIVERSITY: _____

ADDRESS: _____

CITY: _____ STATE/PROVINCE: _____

ZIP: _____ - _____ COUNTRY: _____

PHONE: WORK _____ FAX _____

CELL _____ RESIDENCE _____

E-MAIL: _____ WEB SITE: _____

LISTED IN THE MEMBERSHIP DIRECTORY AS BEING AVAILABLE FOR CONSULTING?

- | | | |
|---|--|--------------------------|
| 1) I would prefer: | A. To receive the GSN Newsletter via e-mail in lieu of a hard copy. | <input type="checkbox"/> |
| | B. To receive the GSN Newsletter via the postal service. | <input type="checkbox"/> |
| 2) I authorize GSN to send to me, via e-mail: | | |
| | A. GSN announcements and publication updates only. | <input type="checkbox"/> |
| | B. GSN announcements, employment opportunities and related subjects. | <input type="checkbox"/> |

Regular Membership Dues \$30.00 Student Membership Dues \$15.00 Honorary \$ _____

ADDITIONAL DUES

I wish to be a member of the Elko Chapter \$5.00 _____

I wish to be a member of the Southern Nevada Chapter \$5.00 _____

I wish to be a member of the Winnemucca Chapter \$5.00 _____

GSN FOUNDATION

I wish to donate to the GSN Foundation

(Donated funds will be used for unrestricted grants and scholarships unless otherwise specified _____.)

TOTAL DUE \$ _____

Payment: Check/Cash Visa MC Card # _____

Exp. Date _____ Signature (as it appears on card) _____

**Return with payment to: Geological Society of Nevada, P.O. Box 12021, Reno, NV 89510-2021
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RALPH ROBERTS BOOK SIGNING RECEPTION

September 26, 2002

Ralph Roberts, a GSN Honorary member, will be honored at a book signing reception on Thursday, September 26, 2002, 5:30 to 7:30 pm., at the Mackay School of Mines Building, University of Nevada, Reno campus. The book titled "A Passion for Gold: An Autobiography" traces the long and successful career of this distinguished member of our geologic community. Free parking will be available at the Brian Whalen Parking Complex at UNR. Please contact Mati Stephens at the Mackay School of Mines for more information, 775/784-6987 x236.



DOUG SILVER, HONORARY GSN FIELD TRIP LEADER

Doug Silver was the honorary "field trip" leader on an unusual GSN field trip on August 15th. The 100 or so participants carpoled in trucks, cars, minivans and motorcycles to the southernmost reaches of Reno, Nevada. Stop #1 on Doug's trip was the Callahan Ranch area, specifically Goldenrod Drive, where participants found a driveway of white rock (origin unknown) leading to our final destination, Ann and Tom Carpenter's backyard. After traversing the outcrop and crossing the concrete floor of the garage, the participants arrived at Stop #2, the beer kegs and wine table. Participants were allowed to imbibe to their heart's content a wonderful selection of beer, wine, soda and water. Thank you to Environmental & Resource Management Inc. for sponsoring Stop #2. Stop #3, a makeshift table that was filled with various snacks provided by generous GSN members, was the favorite stop of some of the attendees.

After everyone was settled comfortably on lawn chairs, rocks, stools, coolers and in the hammock, Doug began his "field presentation" titled, "The Gold Industry: We're Back!!". Doug's fact-filled field handouts included a plethora of reasons why the gold industry is on its way back in a big way. Doug suggests that "syzygistic" economic and mining events happening now are affecting the direction of industry. (For those who don't know, syzygy is the nearly straight-line configuration of three celestial bodies in a gravitational system.) After Doug's uplifting address, many of the field trip participants went back to Stop #2 and

then on to Stop #4 – the indoor toilet facility. Everyone went home feeling hopeful for the near future of the gold industry and happy to be in this geologic community, even the people who didn't drink! We hope Doug will come back to Nevada soon and we extend the invitation for him to lead another "GSN field trip" anytime.

Rumor has it that GSN may start an annual "Summer Concert Series" next year in the backyards across Nevada just in case there are any musicians out there who are interested.



Stop 1. Hostess with the mostest!



Stop 2. ERM sponsors the refreshments.



Stop 3. Sit back, prop your feet up, and enjoy the snacks!

UP-COMING EVENTS

Sept 4, Wed – WINNEMUCCA CHAPTER MEETING: Humboldt Room, Red Lion Hotel and Casino, Winnemucca, NV. Doug McGibbon will be speaking on the Geology of the Millennium Expansion Project at the Marigold Mine. Refreshments start at 6:30 pm and the meeting at 7:00 pm. Contact Sheila Bunch, 775/623-0202, sbunch@lambdacom.com.

Sept 5-8 – 24th Annual Nevada Mining Association Convention, Harvey's Resort, Lake Tahoe. Contact Stacy Rittel, 775/829-2121 or srittel@nevadamining.org.

Sept 13, Fri – Northern NV Section of SME, Monthly Meeting: Bonanza Inn, No. Virginia, Reno, NV. Presentation begins at 12:30 pm. Speaker: Tim Arnold, Vice President and General Manager, Coeur Rochester Mine, Lovelock, NV. Title: "Coeur Rochester — An Exercise in Perseverance." Call Dan Rovig for more information, 775/746-0252, drovig@charter.net.

Sept 22-25 – Geothermal Resources Council, Annual Meeting, "Geothermal Energy, the Baseload Renewable Resource," Reno, NV. For information call 530/758-2360, website: www.geothermal.org.

Sept 23-25 – 2nd annual Gocad for Mining Users' Meeting, Hosted by Mira Geoscience. Location: the Rowing Club, Stanley Park, Vancouver BC. Website: www.mirageoscience.com or call 514/849-1890 for information.

Sept 22-29 – AEG-AIPG 2002 Joint Annual Meeting "Gambling with Geologic Hazards," Peppermill Hotel, Reno, NV. Contact contact: Julie C. Keaton, AEG Meetings Manager at 909-337-0657 (aegjuliek@aol.com), or Jon Price at 775/784-6691 extension 126 (jprice@unr.edu). See AEG's web page <http://www.aegweb.org>.

Sept 26, Thur – HONORARY MEMBER, RALPH ROBERTS' BOOK-SIGNING RECEPTION. Title: "A Passion for Gold: An Autobiography," Mackay Mines Building, Univ of NV, Reno campus, 5:30–7:30 pm. Free parking available in the Brian Whalen Parking Complex. Please call Matt Stephens, MSM, 775/784-6987x236 for information.

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Oct 19 & 20 – GSN FALL FIELD TRIP: Couer Rochester and Florida Canyon and the Standard Mine. See inside for more information.

Oct 22-26 – Expo Minera Sonora 2002. Hotel Araiza Inn, Hermosillo, Sonora, Mexico. Contact Luis Palafox Torres at 662/210-0110 or email luispala@aimmgmac-son.org.mx.

Oct 27-30 – Geological Society of America – Annual meeting and expo, Colorado Convention Center, Denver, CO. Contact Brenda Martinez, 303/357-1038, website: www.geosociety.org.



WHAT A PIT CONTEST

There is a new Pit Photo to identify in the GSN "What A Pit" contest. Just visit the GSN website: www.gsnv.org and click on "What A Pit" to view the pit photo and see if you can identify it correctly. The winner will receive a GSN lapel pin.

If you have any questions, contact Mario Desilets at desilets@unr.edu or call 775/784-6691x125.

EQUIPMENT WANTED

Used stereo-zoom microscope wanted.
Please call 775/826-3622.

GEOLOGICAL SOCIETY OF NEVADA SYMPOSIUM 2005

Window to the World

Sunday, May 15, to Wednesday, May 18, 2005
plus pre- and post-meeting field trips and short courses
Sparks, Nevada

The theme for the symposium, Window to the World, emphasizes Nevada's role as a leading producer of gold (from a variety of world-class ore deposits, including Carlin-type, volcanic rock-hosted epithermal, porphyry, and skarn deposits), silver, and other metals and industrial minerals. The theme also highlights the geology of Nevada, including multiple episodes of thrusting (with lower-plate windows containing much of the sedimentary rock-hosted gold), magmatism, uplift, and extension. As with previous GSN symposia, the latest information on the geology and tectonics of the western Cordillera will provide the framework for talks and posters about not only Nevada ore deposits but also classic and new localities in other parts of the Cordillera and world. Hallmarks of the GSN symposia have been excellent presentations and follow-up published volumes that emphasize the descriptive aspects of ore deposits and new ideas on how they formed and why they occur where they do.

Volunteers Are Needed!

Please contact Jon Price (jprice@unr.edu, 784-6691x126) or Eric Ruud (ericruud@reno.rmci.net, 843-3424 cell) if you would like to volunteer to help with one or more of the following activities:

- Budget and Cost Tracking
- Fundraising and Advertising
- Posters and Core Shack
- Technical Program
- Editing
- Publications (Program with Abstracts,
Symposium Proceedings, Field-Trip Guidebooks)
- Short Courses
- Field Trips
- Facilities
- Social Events
- Registration
- Publicity
- Web Site
- Exhibits

Thank you.

GEOLOGICAL SOCIETY OF NEVADA



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