GSN NEWSLETTER

July/August 2002, Vol. 16, No. 6

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CALENDAR OF EVENTS

August 15, Thursday

Special Guest Speaker! Doug Silver, Balfour Holdings, Denver, CO has agreed to give a talk to our members when he is in town this summer. Title: "The Gold Industry: We're Back." Place and time to be announced via email. Call Laura at 323-3500 if you need further information.

September 29, Sunday

GSN 14th ANNUAL PICNIC: Bower's Mansion State Park, Washoe Valley, South of Reno, NV. Details on page 2. Call Laura Ruud, 775/323-3500.

October 18, Friday

GSN MEMBERSHIP MEETING: Reno Elks Lodge, Reno, NV. Speaker and topic: to be announced.

October 2002

GSN FALL FIELD TRIP: Couer Rochester and Florida Canyon. Look for details in the September 2002 newsletter.

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FROM THE PRESIDENT

Bob Thomas, GSN President 2002-2003

I hope this message finds most of our members busy and productive this summer, as we head into the GSN's version of the New Year. That is, our fiscal and membership years, which run June 1st through May 31st. For those that are hard at it in the field, great – for those that are not in the field quite as much as they'd like to be, take heart and think of the heat you're avoiding!

I'd first like to take one more opportunity to personally thank Dave Shaddrick for his terrific effort as President this past year. GSN has benefited greatly from Dave's energy, enthusiasm, and dedication. Along the lines of retiring officers, we inadvertently neglected to mention the resignation of Liz Jones Crafford as co-chair of the Education Committee. Liz is a past president, and has volunteered year after year for the society. Unfortunately for us, she's spending more and more time in Anchorage. She is, however, still very connected with GSN as she continues to work on updating and organizing our GSN road logs into easily accessible digital files. Thanks for all you have done for GSN Liz, and we wish you the best of luck.

The second order of business is to welcome our new officers and chair people - Clancy Wendt (Vice President), Gassaway Brown (Secretary), and Rachel Dolbier (Education Co-chair). Together we will strive to keep the organization moving forward, attending to issues that many might consider housekeeping but really do need attention, and trying to stay current with issues that affect our membership. A great example of this latter item occurred recently with the organization of the three-day MSHA safety course, July 23-25, which will have already taken place by the time you read this newsletter. (NOTE - because of time constraints we had to rely on email only to contact members, so we apologize to those of you who after reading this may be wondering - "what course?"). This was a very timely and convenient way for many of us to get our MSHA safety papers that are now required on exploration drilling projects in the U.S. We plan on continuing this tradition of helpful, topical service to our members.

Clancy Wendt is busy organizing the fall field trip - it looks like we will be visiting Florida Canyon and Coeur







FROM THE PRESIDENT (continued)

Rochester. A lot has changed since the last GSN trip to these properties in the mid-90s, so it should be quite interesting. The dates will be established shortly, but it's currently looking like sometime in October. A sign-up sheet will be provided in the September newsletter.

The student poster sessions have really taken hold; Earl Abbott and Steve Garwin deserve kudos for adding a new dimension to our monthly meetings. This is turning out to be a great way to expose the membership to the wide variety of interesting, multidisciplinary projects taking place at UNR, and, in turn, bring more students (and professors) into our organization. The latest word is that Earl and Steve have successfully lobbied AngloGold, Barrick, Newmont, and Placer Dome to make contributions for prize money for the coming years' posters as well as the recent April and May meetings (see the winners on page 4). We extend a sincere thank you to these organizations for their generosity.

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 kids or your friends for an afternoon of adult games, kid games, barbeque and beer. The GSN Education Committee will provide the meat, snacks and beverages. We ask that you bring a salad, vegetable or dessert to share. Price is \$5/person or \$10/family. A sign-up form will be in the September newsletter.

Call Laura Ruud at the GSN office, 775/323-3500, if you need any further information.

Hope to see you there!

TAX DEDUCTION

Do you have items taking up space in your house or garage? We have a solution. You can donate your books, magazines, equipment, etc. to get a tax deduction. Recycle your books, etc. to third world countries and help other less fortunate schools. Call Clancy Wendt for more information at 852-2513.

MEMBERSHIP RENEWAL NOTICE

The Geological Society of Nevada has begun another year. This is the 45th year for the GSN and every year brings changes and new ideas, but many things stay the same. Membership dues will remain at \$30.00 per year and each chapter is an additional \$5.00. We have chapters in Elko, Southern Nevada and Winnemucca, each with their own hard working board members.

If you would like to renew your dues now, you can download a form from the GSN website: www.gsnv.org and mail it with your payment to GSN, PO Box 12021, Reno, NV 89510 or fax it to the office at 775-323-3599. If you would like to renew over the phone using Visa or MasterCard, you can call Laura Ruud at 323-3500.

Please make sure to update any address changes, especially emails. Also, you can help GSN's budget by receiving the 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 wound up last year's membership with 875 and, of these, 420 members receive the newsletter via email. We would like to see that number increase substantially this year.

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

One final note. When you renew your membership dues this year, please consider making a tax-deductible donation to the GSN Foundation. Foundation dollars are used for the Kindergarten through 12th grade Field Trip Grant Program, Nevada Mapping Grants and University of Nevada scholarships.

KILLER CLAIM POSTS

Entrapment and death for small animals inside the outlawed white pipe claim posts still occurs throughout Nevada. There are an estimated 1/2 to 1 million of these white claim posts still standing on abandoned exploration claim blocks. In a recent survey of white posts pulled up in the Silver Peak Range, every other post held the remains of a variety of animals. These included yellow birds, blue birds, gray birds, an owl, lizards, cicadas, bees, and butterflies. When you are in the hills, please make the time and effort to pull any of these killer claim posts out of the ground that you come across and save a small animal from a horrible death. **Steve Craig**

Thanks to Environmental & Resource Management, Kappes, Cassiday & Associates, and Florin Analytical Services LLC for hosting the May meeting.



Field Trip Co-Leader, Mark Barton, University of Arizona, gives an introduction at the Weed Heights Pit Overlook stop with Richard Bedell lending a hand.

SPRING FIELD TRIP WRAP-UP

The spring field trip held June 15-16 was a great success. The theme of the trip was "Jurassic Magmatism and Metal Deposits in Western Nevada." We spent Saturday visiting the Yerington District. Saturday night we traveled to Lovelock, and were treated well at Sturgeon's Ramada Inn. Sunday was spent looking at the mineralization and alteration in and around the iron mines of the Humboldt Mafic Complex in the Buena Vista Hills southeast of Lovelock. Many thanks to **John Dilles**, **David Johnson**, and **Mark Barton**, our field trip leaders. We really benefited from the many years of study that they and their colleagues have put into these two areas. Many person-years of work were distilled into two information-packed days.

We had 36 attendees on the trip. For many of us whose meal ticket over the last few years (decades?) has been gold, it was nice to see something that was new and different. Because of some difficult roads at Yerington, we traveled mostly in SUV-type vehicles. Buses may have their advantages (like having one place for the beer!), but splitting into smaller groups made for some enjoyable traveling conversation. Thanks to the **Nevada Bureau of Mines and Geology**, **Jon**

Brown, Ann Carpenter, and Larry Garside for donating vehicles to the cause.

We were once again fortunate to have many sponsors, which really helped keep the costs down. Thanks to Geotemps, ALS Chemex, Inspectorate Labs, CGS, Nevada Contact, American Assay Labs, and Zonge Geosciences.

Thanks also to the folks who prepared material for the field trip guidebook: **Tom Callicrate**, **Don Hudson**, **Paul Lechler**, **Sue Lutz**, **Joe Sawyer**, and **Roger Steininger**. Finally, thank you to **Art Gravenstein** of **NDEP** for traveling to Yerington Saturday morning to give us an environmental update on the project.

Field Trip Co-Leader, David Johnson, University of Arizona, tells attendees about the many hours he spent mapping in this beautiful Nevada countryside southeast of Lovelock while John Dilles, Field Trip Co-Leader from Oregon State University, scans the horizon.



STUDENT POSTER AWARDS

The student poster sessions that were presented at the GSN monthly meetings beginning in April have been a big success. Now, thanks to the generous donations from AngloGold (USA) Exploration Inc., Barrick Gold Exploration Inc., Newmont Mining Corporation and Placer Dome Inc., there will be cash awards available for students who give posters at the meetings. Steve Garwin and Earl Abbott have worked on this idea and we thank them for bringing it all together.

The students who won cash awards at the April 2002 and May 2002 meetings are:

APRIL 2002

Fredy Marino -1st Place - \$100 Scott Buchanan-2nd Place - \$60 Jim Scott - 3rd Place - \$40

MAY 2002

Aasha Pancha – 1st Place - \$100 Carlos Loayza – 2nd Place - \$60 Alfredo Vitaller – 3rd Place - \$40

Thank you to these students for presenting their posters at the meetings and we hope to continue this venue for students in the upcoming years.

VOLUNTARY AERIAL PHOTOGRAPHY USERS' FEE

Due to recent budget shortfalls, the Nevada Bureau of Mines and Geology is asking for a volunteer daily use fee of \$20 for users of aerial photographs. The Information Office is funded mostly by copying charges with some limited added income from fees for borrowing aerial photographs and conducting custom searches and occasional internal contract work involving the staff. The Nevada Bureau of Mines and Geology is required to keep mineral industries related files, but not specifically a collection of aerial photographs (though such a collection is useful for mineral exploration). About 40% of the Information Office customers use the aerial photograph collection. Most of these customers require staff help in finding and pulling the aerial photographs, and the staff alone does the refiling. In general, 15 to 30 minutes of help in pulling and refiling is necessary per customer. No appointments are required or anticipated, so the staff stops their immediate work to help the customer. Staff help is commonly provided by part time student employees who are paid from the money generated within the Information Office.

During the past several years, the income for the Information Office has been falling short of expenditures. In the next two years or so, it is likely there will no longer be money available for student help. At that point, the options will include either mandatory but higher fees, limitations on the hours of operations of the aerial photograph collection, or the closure and dispersal of the aerial photograph collection. For comparisons, Spencer B. Gross, a private aerial photography company in Reno, charges \$40 to view their collection. Whittier College requires an appointment and a fee of \$75 for the first hour and \$25 per hour afterwards to view their Fairchild collection.

At this time, a volunteer fee is being asked for to help fill this budget shortfall and maintain the present services provided to aerial photography customers. The implementation of further measures will depend upon the success of this program. Thank you for your understanding in this matter.

In Memory

Bill Smart passed away on May 12, 2002 at the home of his sister Diana, in Mill Valley, California after a year-long fight with cancer. He was born in Los Angeles, in 1946 and grew up in Auburn, California. There he met and married his wife Elaine in 1968. Bill graduated from the University of Nevada in 1974 and embarked on a 28 year career with Phelps Dodge Corporation. He worked and managed for Phelps Dodge in offices in Reston, Virginia, Reno, Nevada, Phoenix headquarters and, most recently, directed exploration in Europe from Vienna, Austria. He is survived by wife, Elaine, and sons Bill, Jr. and Tom, and daughter, Anne-Marie, as well as his sister and mother. The family requests that donations in memory of William V. Smart be made to the Hospice of Marin Foundation, Memorial/Tribute Program, 150 Nellen Ave., Corte Madera, CA 94925-1133.

Make checks payable to Hospice of Marin Foundation or provide credit card information including card type and number, exp. date, and amount. This is a tax-deductible contribution. Please include the donor's name, address, and phone number. If you wish to have the Smart family notified of your gift, please indicate and include the following address: Diana Smart, 500 Throckmorton Ave., Mill Valley, CA 94941.

The family of *Steve Cove* is saddened to announce his departure on July 3rd due to cardiac arrest. Born in 1941 in Walkermine, CA, Steve grew up in Utah with a sister and two brothers. Steve lived in Utah where he met his wife, Danielle, whom he married in 1970. Steve & Danielle moved to the Denver area in 1976 and started Cone Geochemical, Inc. Steve's passion for the virtues of integrity, honesty, and accuracy were with him throughout his career and in his personal life. He would see his three children form a greater understanding of people, science, life, and family under his guidance and employment.

Steve enjoyed the outdoors and was an avid skier, camper, backpacker, fly-fisherman, pheasant hunter, and bicyclist and included his family in these pursuits. Steve had other broad interests, such as poetry and literature, which he also shared with his children, Dominique, John, and Nathan. As a grandfather he took great pleasure in his two grandchildren and was perhaps happiest spending time with them. His family and friends will miss him tremendously.

A scholarship fund has been established at the Colorado School of Mines for the study of geochemistry. In lieu of flowers, gifts may be sent to the John Steven Cone Memorial Scholarship Fund c/o: Wells Fargo Bank, 1301 Jackson Ave., Golden, CO 80401.

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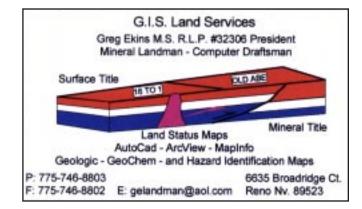


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Good News!

Longtime member Jerry Baughman and his wife Fabiola tell us that they have added a new member to their family. They had a baby girl, on June 27, 2002 and her name is Carolyn Alyssa. She weighed in at 8 lbs. 2.5 oz., is 21.5" long and is a very healthy baby. The parents are very happy!

2002–2003 GSN OFFICERS, COMMITTEE CHAIRS AND STAFF JUNE 1, 2002 – MAY 31, 2003

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We want to thank everyone of these people for volunteering their time and talents. Their efforts this year will be to continue the GSN traditions of quality talks, field trips and camaraderie. We welcome them all and wish them the best of luck in the upcoming year.



UP-COMING EVENTS

Aug 9-11 – Nevada Petroleum Society (www.nbmg.unr.edu/nps/); Annual Field Trip; Ely Nevada; Detachment and Attenuation in Eastern Nevada and its Application to Petroleum Exploration. Contact Bill Ehni: 775/883-1107 (ehnient@aol.com) or contact Jim Faulds: 775/784-6691 X159 (jfaulds@unr.edu) for reservations or additional information.

Aug 15, Thursday – Special Guest Speaker! Doug Silver, Balfour Holdings, Denver, CO has agreed to give a talk to our members when he is in town this summer. Title: "The Gold Industry: We're Back." Place and time to be announced via email. Call Laura at 323-3500 if you need further information.

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 22-29 – AEG-AIPG 2002 Joint Annual Meeting "Gambling with Geologic Hazards," Peppermill Hotel, Reno, Nevada. 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 29 – GSN 14th ANNUAL PICNIC: Bower's Mansion State Park, Washoe Valley, South of Reno, NV. Details on page 2. Call Laura Ruud, 775/323-3500.

Oct 18 – GSN MEMBERSHIP MEETING: Reno Elks Lodge, Reno, NV. Speaker and topic to be announced.

Oct 2002 – Tentative GSN FALL FIELD TRIP: Couer Rochester and Florida Canyon. Look for details in the September 2002 newsletter.

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

JUNE 2002 GOLF TOURNAMENT REPORT

A giant thanks goes to **Eklund Drilling Co., Inc.** who once again sponsored the annual golf tournament held on June 23, 2002. Eklund continued their high level of support by paying for all of the prizes, catering & drinks. 36 golfers brought their clubs and put their reputations on the line to win fabulous prizes (and boasting rights for a whole year!). The barbeque was personally catered by **Marty Dennis and his family**. It was a huge spread! He cooked up barbequed chicken AND pork chops that were tender and tasty as could be.

Now down to the winners. The 1st Place Men's team for 2002 comprised **Chuck Bratland**, **Mike Cassiday**, **Sam Monteleone and Mike Tippett**. 2nd place went to the Inspectorate team of **Dave Williams**, **Mike Braun**, **Doug Hensen and Tod Warner**. 3rd place went to the ALS Chemex team of **Patrick Highsmith**, **Glenn Marshall**, **Andrew Kapuscik and Tom Kilbey**.



Marty Dennis of Eklund Drilling Company, proves that he is not just another pretty face but he can COOK too!

Unfortunately, there was not an all women's team this year. Laura Ruud's back was still out after the Field Trip the weekend before, but they'll be back next year (I hope!).

Longest drive prize this year for Men went to **Don Mackerrow** and for the Women it was **Cheryl Lukens**. Closest to the pin prize went to **Glenn Marshall**. Eklund donated a bunch of other great prizes that were raffled off at the end of the day. This was great because everyone had a chance to win.

We'd also like to thank **Cami** and **Neil Prenn of Mine Development Associates** for their generous gesture of donating a keg of beer for the tournament. It was great to have an ice cold beer after being out on the links. Lastly, we need to thank Bob Felder for organizing the tournament again. You are very much appreciated for volunteering your time to put this thing together.



Golf Tournament organizer Bob Felder, sinks a putt to birdie this hole for his team while teammate, Greg Hill, breathes a sigh of relief.

GEOLOGICAL SOCIETY OF NEVADA



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