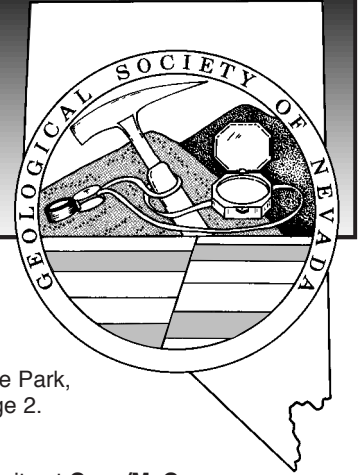


GSN NEWSLETTER



July/August 2001, Vol. 15, No. 6

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CALENDAR OF EVENTS

- Sept 22** GSN 13th ANNUAL PICNIC: Bowers Mansion State Park, Washoe Valley, South of Reno, NV. Details on page 2. Call Laura Ruud, 775/323-3500.
- Sept 29&30** GSN FALL FIELD TRIP: Gold-silver (copper) deposits at **Cove/McCoy**. Details on page 2. Contact Laura Ruud, 775/323-3500, gsn@mines.unr.edu.
- Oct 17** GSN MEMBERSHIP MEETING: Reno Elks Lodge, Reno, NV. Speaker and topic to be announced.

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

Dave Shaddrick, GSN President 2001-2002

A Few Words About The Geological Society of Nevada

GSN is many things to many people and there are quite a few "urban legends" out there about what it is and what it isn't. So, I thought I'd take a few minutes of your time to explain the view of GSN I've gleaned from many conversations with previous officers, some of our founders and my 18 years as an active member of the organization. I encourage you to read

the GSN constitution and bylaws included in your membership directory. I would be pleased to discuss any of the following thoughts with anyone who is interested.

The Geological Society of Nevada is a scientific society dedicated to the advancement of the geological sciences, particularly as they relate to Nevada. Our founders used the Society of Economic Geologists as their model and our role has been to provide a venue for the presentation of data and the discussion of ideas. We do this by holding monthly meetings, semiannual field trips and periodic symposia. The symposia and field trips have resulted in the publications for which the GSN is world famous. These publications represent the largest and most authoritative body of literature in the world on the geology and ore deposits of Nevada, the Great Basin and the American Cordillera.

A wonderful result of our success in convening symposia and marketing the resultant publications is that we have been able to build a relatively sound financial foundation for the Society. This has allowed us to develop a secondary mission of philanthropic activities. The Society provides funds for scholarships, geologic mapping, libraries and to help primary and secondary schools pay for earth science related field trips.

Unfortunately, there have been times when the soundness of the Society's financial foundation and its secondary philanthropic mission has come in conflict. GSN is not a public charity and its primary mission is to serve the membership rather than the general public. Our generosity must be balanced by sound financial management. The GSN Foundation, which was formed in 2000, is intended to resolve these financial conflicts and significant progress has been made. The GSN Foundation is an official "public charity" with the mission of continuing the philanthropic activities previously funded from GSN operating funds. GSN will continue to contribute to the Foundation, within the limits of sound fiscal policy, and I encourage everyone to consider a tax-deductible donation each year to help carry on this good work. We are even making it easier this year by providing a space on your renewal form to add a donation to the Foundation.

Some confusion has arisen in the past due to our classification by the IRS as a tax-exempt, non-profit educational organization under section 501 (c) (6) of the Internal Revenue code. I would like to clear this up now. All non-profit, tax exempt, scientific societies, (GSA, SEG, AAPG, etc.) are classified in this category. This does not mean that our mission changed when this designation was made. We remain, as always, a scientific society and our educational role is in providing the opportunity for our members to interact and share the results of their geologic work.

Finally, an equally important part of the GSN legacy is that it is a fun organization. Occasionally we take ourselves too seriously but in general our activities are intended to be both enjoyable and professionally rewarding. For decades our meetings and trips have been opportunities to build on old friendships, make new ones, expand our professional horizons and walk away feeling good. I will do all I can to continue this tradition.



News and Announcements

GSN ANNUAL PICNIC

Mark your calendars!

The GSN's 13th Annual Picnic is scheduled for Saturday, September 22, 2001 at Bowers Mansion Park in Washoe Valley, in the North Picnic area. The picnic will begin at Noon and will go until 5:00 pm. 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. Please complete and return the form by September 10th or call Laura Ruud @ the GSN office, 775/323-3500.

Hope to see you there!

13th 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

GSN FALL FIELD TRIP

Bob Thomas, GSN Vice-President

The fall field trip is shaping up. Echo Bay Mines has given us permission to visit the sediment-hosted Cove gold-silver deposit and the nearby McCoy gold-copper skarn. The trip is planned for September 29-30, leaving Reno Saturday morning, and returning late Sunday afternoon. The theme of the trip will be the relationship of gold (and other metal) deposits to intrusive centers. Specific emphasis will be on the relationship of the McCoy gold-copper skarn and the nearby sediment-hosted Cove gold-silver deposit to the 41 Ma Brown stock.

The current plan is to tour Cove on Saturday, and on Sunday visit the McCoy skarn and possibly the McCoy iron mines to the south. Cove and McCoy have combined to produce in excess of 3 million ounces of gold and 100 million ounces of silver since operations began at McCoy in 1986. The Cove operation is currently winding down, with underground mining expected to cease by the time this newsletter is published. Dewatering will also cease at this time. The last time GSN visited here was fall 1988, so a wrap-up tour is definitely in order, as this will be about the last chance to visit the property as an active operation. Marcus Johnston and Dave Emmons have kindly agreed to lead the way here, which will provide us with both the current geologic ideas, as well as an excellent historical perspective on the property.

There may be an additional stop or two that has not yet been arranged, but would be consistent with the stated theme of intrusive-related gold deposits.

Additional trip details and registration information will be disseminated via e-mail and the September newsletter.

If you would like to get your name on the list, please contact Laura Ruud at the GSN office, 775/323-3500, e-mail: gsn@mines.unr.edu

E-MAIL POLICY UPDATE

Gregory McN. French, Membership Chairman

The GSN is currently reviewing the Society's E-mail Notice policy in order to simplify, streamline and adjust guidelines on the type and quantity of information disseminated to the membership. Regardless of the final policy, the E-mail Notice Service will continue to keep the membership informed of employment opportunities, announcements from other organizations and related matters between newsletters. Please check the appropriate information box on the enclosed membership form if you wish to receive E-mail Notices.

GORDON RESEARCH CONFERENCE

INORGANIC GEOCHEMISTRY

Formation, modification, and preservation of ore deposits:

Tectonic, climatic and surficial factors

19-24 August 2001 at Proctor Academy, New Hampshire, USA

REMINDER: The Gordon Research Conferences (GRC) is coming up next month. Registration fee (inclusive of room and board): \$595 (double), \$650 (single). Attendance is limited. For further information and to apply to attend, visit the GRC web site, www.grc.uri.edu or contact GRC, University of Rhode Island, PO Box 984, West Kingston, RI, 02982-0984.

John Thompson, Teck Corporation, Vancouver, and Jeff Hedenquist, Ottawa, co-chairs Jean Cline, University of Nevada – Las Vegas, vice-chair.

**Thanks to
Florin Analytical Services LLC,
Kappes, Cassiday & Associates, and
Mine Development Associates
for hosting the May Meeting**

SPRING FIELD CONFERENCE SUMMARY

Dave Shaddrick, GSN President

The GSN Spring Field Conference "Regional Tectonics and Structural Control of Ore: The Major Gold Trends of Northern Nevada" has been declared a resounding success. The four day conference included two days of talks and poster sessions followed by two days of field trips. The technical sessions and field trips were excellent and the extracurricular activities seem to have been enjoyed by all. There was certainly an ample supply of food and liquid refreshments. If you missed the conference, GSN Special Publication #33 contains the proceedings and the field trip guide. It is on sale now for \$60. Contact Laura to get your copy (775/323-3500 or gsn@mines.unr.edu).

GSN would like to thank the following companies and individuals for their generous support of the Spring 2001 Field Conference.

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Chuck Thorman

David John,
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Mark Mihalosky,
Peter Vikre, and
Ted Theodore



Steve Garwin, Dick Tosdal, Bill Dickinson, and Jackie Dickinson.

JUNE 2001 GOLF TOURNAMENT REPORT

Bob Felder, Coordinator

A big thanks goes to **Eklund Drilling Company, Inc.** once again for the sponsorship of the annual golf tournament held on June 3, 2001. Eklund continued their high level of support by paying for all of the prizes, catering and drinks. We had a large turn-out with 52 golfers participating and nine additional guests at the barbeque afterwards. The barbeque was catered by Rutherford's this year, which was a big hit.

The 1st Place men's team for 2001 was composed of Ken Cunningham, Dale Johnson, Jack Taylor and myself. Second place went to the Inspectorate team of Dave Williams, Mark Reischman, Mike Braun and Chris Troop. Third place went to Rene Von Boeck, Tom Chapin, Tim Master and Jerry Baughman.

The 1st place (and only) women's team included Cami Prenn, Beverly Gan, Allison Thomas and Laura Ruud. Competition was stiff but they held on for the prize!

Other prizes went to Larry Kennedy and Beverly Gan for "Closest to the Pin" and Dale Johnson and Jane Wheatley for "Longest Drives."

We also want to thank **Bondar Clegg** for donating balls to all of the players and Eric and Laura Ruud for their volunteer time in getting the drinks together and iced down. Also, we'd like to thank **Great Basin Brewing Co.** for their generous gesture of donating a keg of beer, and to Greg French for picking it up and delivering it. The weather was great and a good time was had by all.



Neil Prenn, Dan Rovig, and Greg French



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GSN CHAPTERS NEW OFFICERS 2001/2002

The following is a slate of officers for the GSN Chapters June 2001 through May 2002 fiscal year. We would like to thank all of them for stepping up to the plate and taking on the challenges of running a GSN chapter. (The new officers for the GSN "mothership" are listed on the front of the newsletter in case you missed the list in the May newsletter.)

Also a big thank-you is extended to the outgoing officers who have put in so many hours to continue the success of the Geological Society of Nevada. It is volunteers like these all over the state that make GSN what it is today.

ELKO CHAPTER

Leslie Creel, President; Bill Weiner, Secretary; Marcus Johnston, Membership Chairman; Peter Shabestari, Vice President; and Keith Bettles, Treasurer.

WINNEMUCCA CHAPTER

Fred Holzel, President; Mark Gingrich, Vice-President; and Sheila Crawford-Bunch, Secretary/Treasurer.

SOUTHERN NEVADA CHAPTER

Not available at press time.

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Compliments of Peg O'Malley

COMING THIS FALL

Wow, she's SO cute!

Wow, he's so tall!

I OWN this pit...

Only one outhouse?

Hanta anyone?

I wonder if math will help here...

Survival in a mine pit... how hard can it be?

Maybe no one will notice me...

Where's my bikini?

You got your "game face" DOWN, Cowboy! Let's bring it on!

OOH-WEE-OOH-WE-OH-WE-OH-WE-OH-WE-OH...

**HAPLESS STRANGERS
THROWN TOGETHER IN A RUTHLESS ENVIRONMENT ...
WHO WILL BE THE ULTIMATE SURVIVOR ???**

UP-COMING EVENTS

Aug 3-5 – NV Petroleum Society Field Trip, “Structure & Stratigraphy of the Eureka, NV area.” marilyn.miller1@worldnet.att.net.

Aug 7 – AZ Geological Society Dinner Meeting. Speaker: John Hoffman, USGS. “Rillito Recharge Update.”

Aug 19-24 – Gordon Research Conf, The formation, modification and preservation of ore deposits: tectonic, climatic and surficial factors. Proctor Academy, NH. Gordongeochem@aol.com.

Sept 6-8 – Nevada Mining Assn, 23rd Annual Conv, Harvey's Resort, Lake Tahoe, NV. Call 775/829-2121 for information.

Sept 20-23 – Utah Geological Assn and Pacific Section of AAPG host the 2001 Annual Field Conf, “The Geologic Transition Colorado Plateau – Basin and Range,” Cedar City, UT. Contact Dr. Mel Erskine, 510/234-6214 or mcerskine@home.com.

Sept 22 – **GSN 13th ANNUAL PICNIC**, Bowers Mansion State Park, Washoe Valley, South of Reno, NV. Details on page 2. Call Laura Ruud, 775/323-3500.

Sept 25-26 – National Mining Assn Conv, Washington D.C. 202/463-2625.

Sept 29-30 – **GSN FALL FIELD TRIP**, Gold-silver (copper) deposits at Cove/McCoy. Details to be announced. Laura Ruud, 775/323-3500, gsn@mines.unr.edu.

Oct 17 – **GSN MEMBERSHIP MEETING**, Reno Elks Lodge, Reno, NV. Speaker and topic to be announced.

Nov 5-10 – Alaska Mining Conv & Trade Show, Alaska Miners Assoc, Anchorage, AK. 907/276-0347.

Dec 3-7 – Northwest Mining Assn 107th Annual Meeting, Spokane, WA. 509/624-1158, www.nwma.org.

MISCELLANEOUS

NBMG

The following publication is now available in the NBMG Publication Sales Office (SEM 310): P-12 - Major mines of Nevada 2000, \$2.00 or free on the Internet at www.nbmg.unr.edu/mm00.pdf.

USGS

Mineral Resources Program—The article “Use of Structural Geology in the Mining of and Exploration for Sedimentary Rock-Hosted Au Deposits” by S.G. Peters from the GSN Special Publication 33 is available on the web as U.S. Geological Survey Open-File Report 01-151 at <http://geopubs.wr.usgs.gov/open-file/of01-151/>. It contains color illustrations.

CREG SUPPORT UPDATE

Lew Gustafson and Earl Abbott

Many thanks to the 267 of you who agreed to sign your name on the letter in support of the State of Nevada funding of the CREG Director's salary. We came very close, but unfortunately the legislature went home without approving the bill. This means that the battle shifts to the University, to provide temporary funding of the position until the legislature meets again in 2003.

According to a memo from Dean Jane Long, soft money funding has apparently been secured for this year. The Dean, her advisory board (including Russ Fields and John Livermore) and Tommy Thompson will be working very hard to secure funding until 2003 and an adequate priority in the budget submission for the next biennium. Your letter of support will be important in this effort. We will keep open and add the names of any of you who have not yet replied, until such time as this letter can be used again in this battle.

The signers of this letter include a broad spectrum of stakeholders in Nevada mining - students, independent and company geologists, academic and government professionals and entrepreneurs. Your voices have been and will continue to be heard. We will prevail.

Thank you and good luck.

GSN Newsletter Monthly Advertising Rates

Business card size (3 ¹ / ₂ × 2")	\$ 50.00
Quarter page (3 ¹ / ₂ × 4 ³ / ₄ ")	150.00
Half page (4 ³ / ₄ × 7 ¹ / ₂ ")	300.00
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Advertising guidelines:

- 1) No more than one (1) ¹/₂ page ad per company/per issue.
- 2) The GSN Newsletter is published monthly except June and July.
- 3) Placement of ads will be rotated and displayed in the order in which the payment is received.
- 4) B&W camera ready or digital ads (saved as EPS with preview) and payment **must be received by the 20th of the month** in order to be placed in the following month's Newsletter. (Classifieds need not be camera ready.)
- 5) Depending on response, GSN may have to limit the ads in order to provide opportunity for all.
- 6) The Executive Board reserves the right to reject any ad which it may find inappropriate.

GEOLOGICAL SOCIETY OF NEVADA



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