I would like to take this opportunity to inform the membership of the line-up of talks currently scheduled for the fall dinner meetings. On October 20, Teck Resources will give a presentation on the Pogo Project. This is sure to be of interest to those of you who have worked in Alaska, or are currently searching for high-grade deposits. The second meeting of the year will be on Friday, November 17. Nick Fox, Chief Geologist for AngloGold will give a presentation titled “The Implications of a Hydrothermal Origin for Witwatersrand Gold”. Nick is out of AngloGold’s Johannesburg offices and should also be able to provide insights into the state of affairs of South African gold mining. Finally, on Wednesday, December 13, we will be entertained by Sarah Andrews. Sarah is a geologist turned mystery writer (career counseling?) and will be signing and selling copies of her newly released novel that concerns murder and gold mining in Nevada. This is sure to be a fun evening for members and friends. Please note that the December meeting has been moved forward so as not to conflict with the holidays.

The second subject that I would like to address is membership. We have recently seen membership increases throughout rural Nevada, primarily due to the formation of the various chapters. This year’s speakers, several of whom are traveling internationally to address our meetings, and the sponsors who host the social portion of our meeting, deserve your support and attendance. I would encourage all current members to renew their membership. I would also encourage the managers of all Nevada-based exploration companies to urge their entire staff to join GSN. So be advised, if you are the manager of a Nevada-based exploration company, you will be contacted by Donna Bloom, GSN’s Office Manager. Donna will be happy to provide you with membership forms. I hope to see you on October 20.
GSN FALL FIELD TRIP

Dave Shaddrick, GSN Vice President, Field Trip Coordinator

This Fall the GSN will make a slight break from tradition and take a “busman’s holiday” to the Northern Mother Lode country. The field trip, “PGEs, High-Grade Gold and History: The Sierra Nevada 2000” is planned to be a light hearted adventure in science, history and camaraderie. You will see some great geology, amazing mines and taste some fruit of the vines.

The trip will depart Reno on Saturday, Sept 30, 2000 at 7:30 AM and return on Sunday, Oct 1, 2000 at 6:00 PM.

First we will stop just off I-80 where we will challenge some of your preconceived ideas about the occurrence of, and potential for, platinum group elements. With a few stops along the way, we will get to Grass Valley in the late morning. There we will learn about the geology and vein systems of this fascinating area. We will also have lunch and tour the historic Empire Mine and museum. By mid afternoon we will be in Nevada City where lodging has been arranged at the historic National Hotel (and another place if the group is large). The late afternoon will be spent learning about the liquid gold produced by the local wineries. We will close out the day with a cocktail hour and excellent dinner at the National Hotel.

On Sunday, after a few stops along the way, we will arrive at the historic, and still operating, 16:1 mine. We will tour the underground workings of the mine, partake of a “large” lunch and have an opportunity to view and purchase some very spectacular gold specimens. On the way home we will make a few stops to learn about the geology and ore deposits of the area and stop briefly (planned but not confirmed) to see the functioning stamp mill at the historic Kentucky mine.

The incredibly low cost of this trip is due to the generosity of the following supporters:

- Eklund Drilling
- ALS Chemex
- Bondar Clegg
- Geotemps
- Rubicon Resources
- American Assay
- and Lang/Boart Longyear

Space will be limited and nearly all rooms will be double occupancy, so plan ahead and be thinking about a roommate (or we’ll assign one). The price includes transportation, lunches (Saturday and Sunday), hosted cocktail hour, dinner Saturday, guidebook, snacks, beer and soft drinks, and lodging. Please complete the sign-up form and return with payment as soon as possible in order to confirm your spot on the trip.

Cost is $115.
All lodging will be double occupancy.
Depending on number of attendees, some single accommodations may be available.

PLEASE SPECIFY ROOMMATE: ____________________________________
WINE TASTING AT INDIAN SPRINGS ___ YES     ___ NO

Amount included with this form: $ ________________________
PAID WITH CHECK # ____________________________________________
CREDIT CARD # _________________________________________________
VISA ___ MC ___  EXPIRATION DATE _______________________________
SIGNATURE ____________________________________________________
(as it appears on card)
Payment must be received by September 19, 2000
No refunds after September 22, 2000
Fax: 775/323-3599 or mail: Geological Society of Nevada, PO Box 12021, Reno, NV 89510-2021

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Mark your calendars! The GSN’s 12th Annual Family Picnic will be Saturday, October 7, 2000, at Bowers Mansion Park in Washoe Valley, in the North Picnic area. The picnic will start at 12:00 noon and will go until 5:00 pm. Bring the whole family for a day of fun and games! What a great opportunity to have fun with your colleagues! GSN will provide the meat, snacks and beverages. Each family is asked to bring a salad or dessert to share in the potluck style gathering. Please complete and return the sign up form by September 25. Hope to see you there!

12th 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

WANTED

News and Rumor from the Bush, contributors of interesting, humorous, entertaining and newsworthy stories or comics, please contact Donna Bloom at 775/323-3500, or e-mail at gsn@mines.unr.edu
MEMBERSHIP RENEWAL NOTICE

Once again it’s time to renew your GSN membership. We have provided a Membership Application/Renewal form in the Newsletter. It is important to send your renewal as soon as possible in order to avoid any interruption in your Newsletter and listing in the 2000-2001 Membership directory.

You will notice a few changes in the Membership form this year. In response to membership input and consulting inquiries at the GSN office, we have added the ability to list if you or your company accepts consulting assignments. If you are interested, an asterisk will appear in the directory and the new web membership page.

The new web membership page should be up and running when the new directory is published in January. This is an optional service to the membership! Please fill in the appropriate line on the renewal form if you want your free directory listing on the special web page. In addition, we are looking at creating expanded web listings for those who wish to emphasize their specialties. Look for details in an upcoming newsletter.

Thanks for your cooperation, and we look forward to seeing you during the 2000-2001 membership year. There are some interesting talks lined up for the coming months at the Reno and local chapter meetings. Please plan to attend.

Gregory McN. French, GSN Membership Chair, 2000-2001

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: ______________________________________________

DO YOU WANT TO BE LISTED IN THE MEMBERSHIP DIRECTORY AS BEING AVAILABLE FOR CONSULTING? ☐

DO YOU WANT TO BE LISTED ON THE WEBSITE MEMBERSHIP PAGE? __________________________________________________________________

1) I would prefer: ☐ A. To receive the GSN Newsletter via e-mail in lieu of a hard copy. ☐ B. To receive the GSN Newsletter via the postal service. ☐

2) I authorize GSN to send to me, via e-mail, occasional GSN announcements and publication updates. ☐

☐ Regular Membership Dues $30.00 $ _______________

☐ Student Membership Dues $15.00 _________________

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 _________________

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
Fax to 775/323-3599, e-mail gsn@mines.unr.edu
**MEGA-THANK YOUS ! ! ! !**

The Geological Society of Nevada Foundation’s first fundraiser was the Rock Raffle and Silent Auction held at the symposium’s “Big Party”. The event netted more than $4,700 to further the educational programs supported by the GSN Foundation. This was possible due to the combined efforts of many members and the generous donations of the following people, companies, and organizations:

- AngloGold Mining Company
- Barrick Gold Corporation
- Bondar-Clegg
- CGS
- Clancy Wendt
- Coeur D’Alene Mines
- D.D. LaPointe and Tom Irwin
- Franco-Nevada Mining Corporation
- GeoPrime Minerals
- Great Basin Minerals
- Joe Tingley
- Jon Price
- Keck Museum
- Ken Cunningham
- Lane Griffin
- Mackay School of Mines
- Mario Desilets
- Neil and Cami Prenn
- Nevada Bureau of Mines and Geology
- Nevada Division of Minerals
- Nevada Mining Association
- Newmont Gold Corporation
- Pearson, DeRidder and Johnson
- Robert Horton
- Round Mountain Gold Corp.
- Scott Werschk
- Steve Green
- Stone Age Quarry
- Viceroy Gold Corporation

Thank you!

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**GSN Newsletter Monthly Advertising Rates**

<table>
<thead>
<tr>
<th>Ad Size</th>
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<td>Half page (4 3/4 x 7 1/2”)</td>
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<tr>
<td>Classified ads $10/line</td>
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</tbody>
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(up to business card size)

For an advertising form, call the GSN office at 775/323-3500 or fax 323-3599. Camera-ready ads must be received by the 20th of the month to appear in the following month’s newsletter.

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.

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COURSE TOPICS AND PRESENTERS ARE:

- **OROCENIC ARCHEAN GOLD**
  - Hagemann (UWA, Perth) and Cassidy (AGSO, Canberra); Hodgson (Barrick)

- **OROCENIC PROTEROZOIC GOLD**
  - Partington (Ross Mining) and Williams (JCU, Townsville)

- **OROCENIC PHANEROZOIC GOLD**
  - Bierlein (Melbourne) and Crowe (Univ. of Georgia, Athens)

- **OROCENIC GOLD — THE HYDROTHERMAL FLUIDS**
  - Ridley (Sydney) and Diamond (Leoben)

- **CARLIN GOLD**
  - Hofstra (USGS, Denver) and Cline (UNLV, Las Vegas)

- **EPITHERMAL GOLD**
  - Cooke (CODES, Tasmania) and Simmons (Geothermal Institute, New Zealand); Hedenquist (Consultant, Ottawa); Ambas and Gonzalez-Urten (Placer Dome)

- **ALKALIC-RELATED GOLD**
  - Jensen and Barton (University of Arizona, Tucson)

- **GOLD PORPHYRY (OXIDIZED) AND GOLD SKARNS**
  - Sillitoe (Consultant, London); Meinert (Washington St. Univ., Pullman)

- **INTRUSION-RELATED (REDUCED) GOLD**
  - Thompson (Teck) and Newberry (University of Alaska)

- **VHMS-SEDEX GOLD**
  - Huston (AGSO, Canberra); Emsbo (USGS, Denver)

- **WITWATERSRAND GOLD**
  - Phillips and Law (Great Central Mines)

- **TECTONIC-STRUCTURAL MODELS FOR GOLD**
  - Kerrich (Univ. of Saskatchewan), Groves (UWA, Perth), Goldfarb (USGS, Denver) and Garwin (UWA, Perth)

- **GOLD EXPLORATION TECHNOLOGY-SCIENCE INTERFACE**
  - McCuaig (Consultant) and Hronsky (WMC)
UP-COMING EVENTS

Sept 7-9 Nevada Mining Assn Annual Conv, Harvey’s Lake Tahoe NV. 775/829-2121

Sept 8-10 Nat’l Assn of Geoscience Teachers Conf, Geology & Tectonics of the Northern Sierra NV. 7 field trips planned at Blairden, CA. CA State Univ, E Brooks, 530/862-0415, ebrooks@csuhayward.edu

Sept 10-14 WGA 51st Annual Field Conf at Casper, WY. Classical WY Geol in the New Millennium. 307/268-8466, akfgeol@caspers.net

Sept 20-22 AHS Symposium 2000, Environmental Technology for the 21st Century at Phoenix, AZ. Ahs2000@urscorp.com

Sept 30-Oct 1 GSN Fall Field Trip, PGE’s, High Grade Gold and History: The Sierra Nevada 2000. 775/323-3500


Oct 6 Well Construction Workshop, Peppermill Hotel & Casino, Reno, NV. Sponsored by the Nevada Water Resources Assn & the American Water Works Association 775/626-6389, donna30@sprynet.com

Oct 7 GSN Annual Picnic at Reno, NV. 775/323-3500, gsn@mines.unr.edu


Oct 20 GSN Membership Meeting in Reno, NV. 775/323-3500, gsn@mines.unr.edu


Nov 7 Denver Prospect Fair & TechnoFest, Colorado Convention Center, Denver, CO. 303/446-2253, Dapl2253@aol.com

Nov 10-11 SEG Short Course, Gold in 2000, at Lake Tahoe, NV. 720/981-7882, seg@segweb.org, www.segweb.org


Dec 4-8 NWMA Annual Meeting & Expo in Spokane, WA. Pat Bronchetti, 509/624-1158, www.nwma.org

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Ken Cunningham, GSN President, 2000-2001, had them standing in line for his 1999 fall field trip to North Peak, Trenton Canyon, Buffalo Valley Mine, and Marigold.