MEMBERSHIP RENEWAL NOTICE

Don’t forget that it is now time to renew your GSN membership for the June 2001/May 2002 fiscal year. We provided a Membership Application/Renewal form in last month's Newsletter. Renewal forms are also available on the website: www.gsnv.org. It is important to send your renewal as soon as possible in order to avoid any interruption in your Newsletter this Fall and listing in the Directory in December. If you are unsure about whether you have renewed your dues this year, feel free to contact Laura at the GSN office – 775-323-3500, gsn@mines.unr.edu. See page 4 for renewal form.

GSN FALL FIELD TRIP
Magmatism and Gold Deposits in North-Central Nevada – Variations on a Theme

Bob Thomas, GSN Vice-President

The Fall 2001 GSN Field Trip will visit the McCoy/Cove operation. We will have the opportunity to visit and review in detail two nearby but distinct geologic settings within the spectrum of intrusive-related gold deposits. Underground mining terminated at Cove earlier this summer, and the upcoming trip could very well be the last chance to see the property. Dave Emmons and Marcus Johnston will be our field trip leaders, which will provide us with both an excellent geological and historical perspective on the two deposits that we will visit.

The low price for the trip is courtesy of several very generous sponsors, so we hope people will take advantage of this good deal. Only one 47-passenger bus has been reserved, and sign-ups will be on a first-come, first-serve basis. A waiting list will be maintained. Sign-up form on following page.

FALL 2001 FIELD TRIP

MAGMATISM AND GOLD DEPOSITS IN NORTH-CENTRAL NEVADA – VARIATIONS ON A THEME

Saturday, September 29
7:00 am Meet at UNR parking lot on Evans St. next to Peccole Baseball Field
7:30 am Buses leave promptly at 7:30 am
11:45 am Buses arrive at McCoy/Cove
Complimentary lunch at Cove

Afternoon
Tour of Cove gold-silver deposit, including stops in Cove pit, examination of core, and presentation by Dave Emmons and Marcus Johnston
6:30 pm Hosted social and complimentary dinner at Hideaway Restaurant
Overnight lodging – Big Chief Motel

Sunday, September 30
6:30 am Bus shuttle to breakfast begins from Big Chief
7:00- Breakfast at Hideaway Restaurant
8:00 am
8:30 am Bus leaves Big Chief for McCoy Mine tour
9:00 am Arrive at McCoy
Field stops in and around McCoy pit
noon- Complimentary lunch
2:30 pm McCoy field stops, continued
2:30 pm Depart McCoy/Cove property
7:00 pm Arrive Reno/UNR Campus

Price includes: transportation; one night lodging; lunch and dinner Saturday; breakfast and lunch Sunday; field trip guide book, snacks, beer, and soft drinks on the bus.

Reservations will be on a first-come, first-serve basis. We have only one bus reserved, and field trip space is limited to 45 attendees. A wait-list will be maintained. Payment must be in the GSN office for your reservation to be guaranteed.

Hard hats, steel-toed boots, and safety glasses are required on the mine property.

Please complete and submit ASAP:

Fall 2001 Field Trip Sign Up

Name ________________________________
Daytime Phone _______________________
Fax __________________ Email __________
Company ____________________________
Address _____________________________
____________________________________
Email ________________________________

Person to contact in case of emergency:
Name ________________________________
Phone _______________________________

Riding the bus from Reno to/from Battle Mountain
Y____ N____

Lodging needed in Battle Mountain: Y____ N____
Single____ Double____
Roommate (or we will assign) ____________________________

MEMBER COST:
double room $80.00
single room 100.00
w/o Battle Mountain lodging 50.00

NON-MEMBER COST:
double room $100.00
single room 120.00
w/o Battle Mountain lodging 70.00

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 September 15, 2001
No refunds after September 20, 2001

Fax: 775/323-3599 or mail to GSN office:
P.O. Box 12021, Reno, NV 89510-2021,
or email to: gsn@mines.unr.edu

2000 FALL FIELD TRIP

Greg Kuzma and Heidi Anderson enjoying a special coffee break.
GSN October 17, 2001 Membership Meeting

Date: Friday, October 17, 2001
Time: Social-6:00, Dinner-7:00, Meeting-8:00
Cost: $17.00 (dinner)
Reservations: 775/323-3500; fax 323-3599 or e-mail: gsn@mines.unr.edu
Deadline: Reserve by noon Wednesday, October 15

GSN FOUNDATION UPDATE
Joseph Anthony Kizis, Jr.
Chairman of the Board, GSN Foundation

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 funding requirements. Members can also help by encouraging our corporate sponsors to give generously to the Endowment Fund.

The Board of Directors has set December 31, 2001 as the end of our current “Charter Founding Donors” campaign. Those individuals and corporations that contribute to the Foundation by this date will be forever known as “Charter Founding Donors” to the GSN Foundation. Contributors will be listed in the GSN’s Newsletter immediately following receipt of their donation by the Foundation, and again after the close of this campaign. “Charter Founding Donors” will also receive special recognition at future Foundation events and on the GSN’s web site (www.gsnv.org).

The goal of this campaign is to raise $100,000 for the Endowment Fund and $8,500 in Unrestricted Funds. This will provide sufficient funding for this year’s programs, with investment income from the Endowment Fund providing a majority of future year’s funding.

Categories for donations are:
Benefactor Level $5000 and above
Gold Level $1000 to 4999
Silver Level $500 to $999
Donor up to $499.

Donations for this campaign will be additive, so those individuals and corporations that contributed last fiscal year can add to their donations to increase to another category level if they wish.

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 and, during its first fiscal year, contributed $5,880 to two programs: $5,380 to the K-12 Earth science field trip grants, and $500 to the UNLV scholarship.

THE GSN FOUNDATION WOULD LIKE TO THANK THE LATEST “CHARTER FOUNDING DONORS” FOR THEIR GENEROUS SUPPORT!

Donor Level:
Steve Barnwell
Dr. Robert K. Cook
Lew Gustafson
Joseph Anthony Kizis, Jr.
Bert Jeffries
John M. Lucas
Sandra Powers
Michael W. Ressel
Neill H. (Vic) Ridgley
Eric & Laura Ruud
Roger Steininger
Eric & Debbie Struhsacker
Bob Thomas

Great lineup of talks
on Friday, November 9th.

Last chance to tour the mine
on Saturday, November 10th.

Meet old friends,
swap stories at the poster session/chat room.

No registration fee. Favorable hotel rates have been arranged.
To receive the circular and registration info, e-mail helen.augustin@cominco.com
MEMBERSHIP RENEWAL NOTICE

Gregory McN. French, GSN Membership Chair

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 this fall and listing in the directory. The 2001-2002 Membership directory publication date has been moved up this year, to **early December**.

I look forward to seeing you at one of the chapter meetings or field trips during the upcoming year. Have a great field season.

Please consider receiving your newsletter via e-mail this year. You will get it on the 1st of each month and it saves GSN ~15.00/year!

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GEOLOGICAL SOCIETY OF NEVADA
MEMBERSHIP APPLICATION/RENEWAL

<table>
<thead>
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<th>NAME:</th>
<th>POSITION/TITLE:</th>
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<tr>
<td>CONSULTANT □</td>
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- Listed in the Membership Directory as being available for consulting? □
- Listed on 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:
   GSN announcements, employment opportunities, related subjects,
   and political action items concerning our industry. □

- 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 □

**GSN FOUNDATION**
- I wish to make a tax-deductible donation 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
Fax to 775/323-3599, e-mail gsn@mines.unr.edu
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ERRATICA
An Occasional Column on Exploration
and the Mining Industry
Tony Taylor

JOBS WANTED

With our industry and careers in such disarray, it is heartening to see the occasional job advertised by GSN. A sign that geologists, a resourceful bunch if ever there was one, are looking out for themselves. The local exploration scene is dismal, even if the spirit is undimmed, and we must face the fact that exploration in Nevada will not revive until gold and silver prices rebound. Who knows when that will be? Meanwhile, a few stalwarts are toying with decorative rock, the occasional paid consultant is spotted scurrying east on I 80 and some prospects turn slowly in the wind.

But there is more we can do collectively to find meaningful work for the pool of well-educated, talented and experienced people that we are and we should make the most use of our outstanding organization, GSN, for this purpose. Here are some immediate thoughts.

Is there not a shortage of science teachers in schools? Not perhaps such an adventurous life as winding down a Sierra trail on the back of a mule, but teaching is very rewarding and offers security, reasonable salaries and excellent benefits. Let’s talk to the school districts.

A long article in the New York Times a few weeks ago bemoaned the dearth of geological and geophysical talent in the petroleum exploration industry. Exploration, after all, is the science of drilling anomalies... for metals, oil or hot water. Let’s talk to the petroleum industry.

Talking of hot water and wondering when rolling blackouts will become a fact of life, should we not be poring over heat-flow maps of the Basin and Range and asking why the Bush Administration is not promoting a massive geothermal exploration program? Let’s talk to the government. What! do we want to do that?

Let the ideas come rolling in.

Exploration Rule No. 1 “The meek shall inherit the Earth, but not the mineral rights” (J.P.Getty)

WEBSITE UPDATE

The GSN website (www.gsnv.org) has recently been updated with photos from the Spring Field Conference held in Battle Mountain last May. There are also a few photos from the GSN Golf Tournament held in June at Washoe Golf Course in Reno, NV. The website is a great place to find out what is happening at the GSN and an easy place to download forms or place online book orders. Please visit the website and check it out!

GSN 13TH 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 until 5:00 p.m. Bring your spouse, kids, friends, or just yourself for an afternoon of adult games, kid games, barbeque and beer. The GSN Education Committee will provide the meat, snacks and beverages. Please 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!

Larry Garside
taking his turn in the rock hammer throw competition at the 2000 picnic.

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
UP–COMING EVENTS

Sept 6–8 – NV Mining Assoc Annual Conv, Lake Tahoe, NV. Contact Stacy Rittel for more information, 775/829-2121.

Sept 14 – Northern NV section of SME meeting. Speaker: Peter Babin, Royal Gold, topic: Royalty Financing, An Alternative to Debt and Equity. Noon @ the Bonanza Casino, Reno, NV. See the website for more information: www.smennv.org.

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


Sept 29&30 – GSN FALL FIELD TRIP: Cove/McCoy Tour. Limit 45. Details on pages 1 and 2. Contact Laura Ruud, 775/323-3500, gsn@mines.unr.edu.

Oct 12 - Northern NV section of SME meeting. Speaker: Alan Coyner, NV Division of Minerals, Topic: Discussion of the State of Nevada’s mining industry. Noon @ the Bonanza Casino, Reno, NV. See the website for more information: www.smennv.org.


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

Nov 9&10 – The Mighty Sullivan Mine is closing. Cominco is pleased to host a final geological meeting and mine tour in Kimberly, B.C. No registration fee. For more information: helen.augustin@cominco.com.


Dec 15 – SME Christmas Party, Harrah’s Prospector Club, Reno, NV. Begins @ 6 p.m. Contact Marcie Wood, 331-2375 for information.

NORTHERN NEVADA SECTION OF SME MEETING ANNOUNCEMENT
Roger C. Steininger
Program Chairman, Northern Nevada section of SME

The Northern Nevada section of the Society of Mining Engineers will conduct its first meeting for the 2001-2002 season on September 14, 2001. As in the past, meetings start at noon, on the second Friday of the month, at the Bonanza Casino (4720 N. Virginia) in the second floor meeting room. After a luscious buffet and a short business meeting, a speaker will deliver a general interest talk. The first two meetings of the coming season will be:


Oct. 12, 2001: Alan R. Coyner, Administrator, Nevada Division of Minerals. Discussion of the state of the NV mining industry, the abandoned mines program, environmental issues facing the industry, and other subjects of interest.

The cost of lunch is $15.00 and there is a $10 per year Section dues (this is not covered in your SME dues).

Announcements will appear in the GSN newsletter, and the Section’s website-smennv.org. If you have any questions about the meetings please call or email me.

OPPORTUNITIES FOR VOLUNTEERS
NEVADA BUREAU OF MINES AND GEOLOGY

The Nevada Bureau of Mines and Geology (NBMG) seeks qualified volunteers to assist our Information Office with the following important tasks.

1. Creating an Electronic Information Office. This task initially requires sorting, cataloging, filing, and computer-database indexing of donations of air photos, reports, maps, and other materials; oil and gas and geothermal files; and publications of the U. S. Geological Survey and other agencies. This may require some locating and interpreting items on maps and air photos and in reports. We have a very large backlog of such materials, and new donations arrive almost daily. Our overall plan is to digitize these records and make them available on line. We feel that providing all our Information Office files on the Web will be a wonderful service to the mining, energy, construction, and geological industries. Volunteers can help accelerate the process of getting this information on the Web.

2. Building a First-Rate Sample-Collection System. We also have a large backlog of cuttings, cores, and rock samples that need sorting, cataloging, filing, and computer-database indexing. NBMG houses cuttings and some core from oil and gas and geothermal wells drilled in Nevada. We also have various research collections, largely of samples from mining districts, and core from selected projects, including core drilled by the U.S. Bureau of Mines during World War II. We are integrating our sample database with that of the W.M. Keck Museum of the Mackay School of Mines, and our overall plan is to also integrate these collections from the UNR Department of Geological Sciences into the database. We plan to provide this database in a searchable manner on the Web (a preliminary version is already available), so that a geologist in an office in Reno, Elko, Denver, or London could quickly find out whether there is a specific mineral, fossil, or ore sample from a given mining district or locality in our collections. Some of this activity will involve working in our storage facilities on campus and at St. Mary’s.

3. Serving the Public in Nevada. Each year the NBMG Information Office serves about 3,000 customers who visit the office to use our open files or sample collections or who make inquiries by mail, e-mail, or telephone. Volunteers could help answer customers’ questions and do some research in our files. Most questions are mundane and involve such things as where certain mines or oil wells are located and who owns them; what is some geological or hydrological aspect of the area where someone lives; what is the rock the customer has just brought in; or how to research the value of some old mining stocks. However, questions are asked that require more knowledge or research, such as history of a certain area; location and age of certain roads, railroads, trails (including the Pony Express trail), or structures; fossils; genealogy; meteorites; magic rocks; dowsing for water or minerals; areas to collect rocks or to prospect; staking mining claims; finding areas open to claim staking; mining law; suitable areas for filming movies; school science projects; and more. Volunteers could also help with miscellaneous office work, such as answering phones, responding to written inquiries, helping customers find materials in our files, refiling materials, photocopying, digitizing, and other cartographic and geographic information system (GIS) work.

Ideal qualifications for volunteers are a willingness to serve the public, some geological, mineral-industry, or engineering expertise or interest, and friendly personality. We would prefer volunteers who are willing to work between four to sixteen hours per week for at least a few weeks. Volunteers will be loaned a University parking pass purchased by NBMG.

If you are interested in becoming a volunteer, please contact David Davis, NBMG Geologic Information Specialist and supervisor of volunteers, at (775) 784-6691 x 133 or ddavis@unr.edu, or visit the office in Room 311, Scrugham Engineering/Mines Building on the University of Nevada, Reno campus between the hours of 7:30 a.m. and 2:45 p.m., Monday through Friday. Thank you.
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