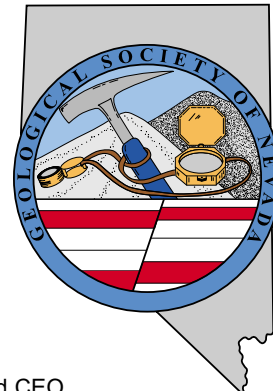


GSN NEWSLETTER



August 2005, Vol. 20, No. 6

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CALENDAR OF GSN EVENTS

- Aug 17 Wednesday** 4th Annual Doug Silver Summer Series: Doug Silver, Chairman and CEO, International Royalty Corporation, Englewood, CO. "A Concise Summary of How the World has Changed Since Last August!" Drinks/snacks at 6:00 pm, talk at 7:00 pm, discussion at 8:00 pm. Opal Adams and Rich DeLong's Home, 9484 Spearhead Way, Reno, Nevada. Sponsors: Enviroscientists, Inc. and Mine Development Associates. Please bring a lawn chair and a snack to share. Call Laura at 323-3500 if you need further information.
- Aug 17 Wednesday** WINNEMUCCA CHAPTER MEETING: John Muntean, Nevada Bureau of Mines and Geology, Reno NV, "Turquoise Ridge Deposit: Basin Margin Control on Gold Grade". 6:30 pm, Humboldt Room, Red Lion Inn and Casino. Sponsor-**ALS Chemex**. Contact Kim Craig, Chapter President, for more info, 775/529-5001 x1340, kim_craig@Placerdome.com.
- Aug 18 Thursday** ELKO CHAPTER MEETING: "Left Lateral Leaps, Continued", Garden area behind Jack's Clifton Bar (Gallery Bar on Commercial St. just east of 5th Street and across the parking lot from the Western Folklife Center). Drinks and BBQ (brats and burgers) at 6:30 pm, discussion/presentation at 7:00 pm. Contact Dave Caldwell, Chapter President for more info, 775/753-4396, dcaldwell@nevadapacificgold.com.
- Sept 21 Wednesday (NOTE DATE CHANGE)** GSN MEMBERSHIP MEETING: David Miller, Uranium Geologist and Member of the Wyoming State Legislature, "Current State of the Uranium Exploration and Mining Industry". Reno Elks Lodge, 597 Kumle Ln, Reno, NV. Drinks at 6 pm, dinner at 7 pm, talk at 8 pm. Contact Laura for reservations, 775/323-3500, gsn@mines.unr.edu.
- Oct 2 Sunday** GSN 17th ANNUAL PICNIC: Rancho San Rafael Park, Highlands Pavilion, Noon to 5 pm. Mark your calendars.
- Oct 7-9** GSN FALL FIELD TRIP: Mammoth Lakes, CA/Long Valley. Look for details in the September 2005 newsletter.

GSN Newsletter is published monthly except June and July

Geological Society of Nevada, PO Box 13375, Reno, NV 89507 USA, 775/323-3500, www.gsnv.org
Office location: Laxalt Mineral Research Center, Rm 266, UNR. Hours: Mon thru Fri, 9 am-12 noon

FROM THE PRESIDENT

Dieter Krewedl, *GSN President 2004-2006*

During my first term as President, the need to establish a **GSN Board of Directors** that would provide overall leadership, long term direction, historical continuity, and promote better communication within the entire GSN became very apparent to me. The GSN has become a much more complex and diversified Society than when its founders wrote our existing Constitution establishing the Executive Committee as its governing body almost 50 years ago.

In March 2005, I established a committee, composed of ex-GSN Presidents Richard DeLong, Bob Cuffney, Bob Thomas, Clancy Wendt and myself, to advise the GSN Executive Committee on whether to establish a GSN Board of Directors (BOD). The advisory committee met regularly over the following months and concluded it would be greatly beneficial to establish a governing BOD for the following reasons:

- The BOD would be better able to meet the needs of a larger and more diversified membership, which has

expanded geographically to include three chapters located throughout Nevada.

- The Society is in a strong financial position due to the success of the Symposia resulting in added responsibility to properly manage funds.
- Having a BOD composed of the current Presidents of the GSN and its chapters combined with six past officers of the GSN serving staggered three year terms would promote communication and provide institutional memory to the Society.

The advisory committee proposed a number of changes in the GSN Constitution to the Executive Committee that were necessary in order to establish a management structure that includes a BOD. Some of the major recommendations include the following:

- The BOD will have the authority to provide the overall direction of the GSN.

continued on page 2



FROM THE PRESIDENT *continued from page 1*

- The BOD and the Executive Committee would be elected by the entire GSN membership through an e-mail/mail ballot and be composed of members from throughout the Society.
- Executive Committee would continue to run all of the GSN activities just as it has done over the past 50 years.
- The BOD would manage the GSN investment funds, review and approve the annual operating plan & budget and any amendments to the GSN Bylaws.

During their July 15 meeting the GSN Executive Committee unanimously approved the changes to the Constitution and the establishment of a BOD as recommended by the advisory committee, and authorized a vote by the membership to change the Constitution. A copy of the revised Constitution is included in this newsletter. A diagram summarizing the management structure and the respective duties of the BOD and Executive Committee is also presented in this newsletter.

Please review the revised Constitution and the accompanying diagram. If you have any questions, please contact members of the Executive Committee or the aforementioned advisory committee. In September, the entire GSN membership will be asked to approve these changes to the Constitution in order to establish the BOD.

Once the revised Constitution is approved then nominations for the BOD will be made and voted on by the entire GSN membership. The GSN Bylaws will also then need to be revised to better reflect the changes in the GSN over the last few years. One of the first duties of the BOD will be to review, comment, and approve the Bylaw changes proposed by the GSN Executive Committee.

I am confident that the addition of a BOD will make the GSN more responsive to the needs of the entire GSN membership. The BOD will help us meet the challenges facing a more geographically and geologically diverse Society.

Also, don't forget to attend **Doug Silver's** fourth annual summer presentation on August 17 at Opal Adams and Rich DeLong's home. **Enviroscientists** will be providing the wine and soft drinks and **Mine Development Associates** is supplying the beer. It should be a fun evening to hear how Doug thinks the world has changed since his summer presentation last August.

On a final note, our first membership dinner meeting will be on Wednesday, September 21 at the Elks Lodge. Dave Miller, uranium geologist and member of the Wyoming State legislature will speak on the "Current State of the Uranium Exploration and Mining Industry". See you there!

Thanks to Enviroscientists and Mine Development Associates for the beverages at the Doug Silver presentation.

GSN FALL 2005 FIELD TRIP

GSN's 2005 Fall field trip, October 7 through 9, will journey south to the Long Valley caldera. The trip will focus on volcanic geology including: the well studied Bishop Tuff and resurgent features within the caldera; current volcanic, seismic, and hydrothermal activity in the region; and visit an operating geothermal plant and hydrothermal gold resource that formed as a result of this activity. Trip leaders will include USGS geologists from the USGS Long Valley volcano observatory (monitors seismic and volcanic activity), and industry professionals, who will lead tours of the recently formed gold resource and a geothermal plant. The fall foliage should be beautiful, and the rocks exciting. As we would like to encourage students to join us, sponsors for students are welcome. More detailed information will be provided in the September newsletter.

WINNEMUCCA CHAPTER AUGUST 17TH MEETING

Red Lion Inn and Casino, Humboldt Room, 6:30 pm

Turquoise Ridge Deposit: Basin Margin Control on Gold Grade

John Muntean, Nevada Bureau of Mines and Geology

High-grade gold ore at the north end of the Turquoise Ridge deposit is controlled predominantly by a WNW-trending Upper Cambrian(?) basin margin. The basin margin was originally identified by Placer Dome Exploration geologists in 1999 (notably Vic Chevillon and Jon Thorson). The geometry of the margin and its control on gold mineralization have been refined in the last 12 months during re-logging of close-spaced underground holes and development of a 3D geology model for Turquoise Ridge. The basin margin is defined by a sharp, N60-70°W-trending southern margin to a lower sequence of pillowed basalt and underlying sedimentary breccias. The margin occurs along the northern limb of a monocline that is interpreted to have formed by syn-depositional, reactivation of an underlying north-dipping WNW-trending normal fault. The normal faulting caused local instability and the emplacement of multiple sedimentary debris flow breccias. Soon after the emplacement of the debris flows during this Upper Cambrian(?) extensional event, basalt erupted and flowed up to the WNW-trending topographic barrier. Modeling of gold grade shows that much of ore at the north end of Turquoise Ridge is hosted by the sedimentary debris flow breccias. Modeling of low-grade (~0.01 opt Au) shows NNW-elongated shapes below and within the breccia, suggesting Getchell fault parallel structural fabrics served as conduits for upwelling auriferous hydrothermal fluids.

Slope deposits of carbonaceous mudstones and limestones of likely late Cambrian age, this blue unit, are folded

continued on page 3

GSN September 21, 2005 Membership Meeting

Date: Wednesday, September 21, 2005

Time: Social-6:00, Dinner-7:00, Meeting-8:00

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

Deadline: Reserve by 11 am Tuesday, September 20th

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

Speaker/topic: David Miller, Uranium Geologist and Member of the Wyoming State Legislature.

WINNEMUCCA CHAPTER ABSTRACT *continued from page 2*

into a WNW-trending monocline. The monocline is interpreted to have formed by syn-depositional normal movement along a buried WNW-trending fault. We interpret this buried WNW fault to be linked to underlying basement rift faults that formed during the Proterozoic. The normal faulting caused local instability and the emplacement of sedimentary debris flow breccias – the lavender unit. Later basalt eruptions, this green unit, occurred and basalt flowed up to this WNW topographic barrier. This syn-sedimentary faulting was first identified by Vic Chevillon and Jon Thorson of Placer Dome, and further supported by logging of close-spaced underground drill hole fans by myself and others over the last year. Similar relationships are seen in the northern Carlin trend.

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Laura Ruud returns as GSN Office Manager

The GSN is very fortunate to have Laura Ruud return as Office Manager effective July 1. She previously served as GSN Office Manager from September 2000 through November 2002 and for the 2000 Symposium. Laura's previous experience and dedication to the GSN will be a great help in organizing and coordinating the many activities of our growing Society. Her summer office hours will be 9 am - 12 noon, Monday through Friday.

ACTIVITY UPDATE

Mike Brady, June 2005
www.activityupdate.com

NEVADA

Queenstake Resources Ltd. announced that recent underground drill results at the Jerritt Canyon/Murray Mine Project include 80-90 feet @ 0.268 opt Au (C70004); 60-105 feet @ 0.369 opt Au (C70005); 45-90 feet @ 0.330 opt Au (C70006); 35-65 feet @ 0.254 opt Au (C70007) and 60-80 feet @ 0.322 opt Au (C70009). (resource = 112,900 tons @ 0.243 opt Au measured+indicated) *Press Release: May 31*

Queenstake Resources Ltd. announced that recent underground drill results at the Jerritt Canyon/Steer Project include 30-95 feet @ 0.399 opt Au (S10296); 105-125 feet @ 0.430 opt Au (S10312); 0-15 feet @ 0.293 opt Au (S10314) and 10-25 feet @ 0.251 opt Au (S10315). (resource = 522,700 tons @ 0.282 opt Au measured+indicated) *Press Release: May 31*

Queenstake Resources Ltd. announced that recent underground drill results at the Jerritt Canyon/SSX Project include 45-55 feet @ 0.254 opt Au (S10072); 30-65 feet @ 0.418 opt Au (S20134); 5-20 feet @ 0.382 opt Au (Z23200) and 5-30 feet @ 0.416 opt Au (Z23201). (resource = 2,945,700 tons @ 0.288 opt Au measured+indicated) *Press Release: May 31*

Queenstake Resources Ltd. announced that recent underground drill results at the Jerritt Canyon/Smith Project include 125-140 feet @ 0.555 opt Au (C30255); 175-195 feet @ 0.360 opt Au (C30259); 155-165 feet @ 0.621 opt Au (C30262) and 130-155 feet @ 0.261 opt Au (C30263). (resource = 1,423,800 tons @ 0.288 opt Au measured+indicated) *Press Release: May 31*

Jipangu Inc. announced that it acquired an option to purchase the Florida Canyon and Standard properties from Apollo Gold Corp. for undisclosed terms. Jipangu also stated that it would purchase 10,000,000 shares (9.5%) of Apollo for \$3,200,000. (reserve @ Florida Canyon = 16,792,400 tons @ 0.016 opt Au proven+probable; @ Standard = 22,501,700 tons @ 0.018 opt Au proven+probable) *M.J.: June 3*

Atna Resources Ltd.(70%) announced that it collared an exploration decline at the lower bench of the CX open-pit at the Pinson Project to provide access to drill a series of underground holes. Total planned drilling now includes 15,400 feet to test the Range Front Zone. (resource = 1,758,000 tons @ 0.300 opt Au measured+indicated) *Press Release: June 9*

Bravo Venture Group Inc. announced that it acquired an option to earn a 100% interest in the Mtn Boy Property from private interests for \$340,000 cash over 5 years. *Press Release: June 9*

Placer Dome Inc. announced that it acquired an option to earn a 51% interest in the Pete Hanson Property from Bravo Venture Group Inc. for \$35,000/year payments and

\$1,000,000 in exploration expenditures over 5 years.

Press Release: June 13

Klondex Mines Ltd. announced that based on recent drill results at the Fire Creek Project, resources aggregate 1,779,200 tons @ 0.328 opt Au indicated. (was 450,000 tons @ 0.060 opt Au) *Press Release: May 18*

Barrick Gold Corp. announced that it acquired an option to earn a 60% interest in the Horse Mountain Property from Miranda Gold Corp. for \$2,000,000 in exploration expenditures over 4 years. *Press Release: May 20*

Piedmont Mining Co. Inc. announced that it acquired an option to earn a 51% interest in the Dome and Hi Ho properties from Toquima Minerals US Inc. for \$31,000 cash, 200,000 shares and \$2,000,000 in exploration expenditures over 5 years. *Press Release: May 11*

Minterra Resources Ltd. announced that it acquired an option to earn a 60% interest in the Elder Creek Property from Mill City Gold Ltd. for \$203,000 cash, 1,000,000 shares and \$5,000,000 in exploration expenditures over 5 years. *N.M.: June 3*

Mauricio Hochschild + Cia. announced that it terminated its interest in the Highland Property of Rio Fortuna Exploration Corp. *Press Release: June 24*

DONATION OF GEOLOGIC PUBLICATIONS

Please remember to donate any geologic or mining publications to Mexican Universities. If you have any books that you are considering giving away please contact Clancy Wendt. GSN and the Tucson Gem and Mineral Society have given over 10,000 books to Universities in Mexico. This is a tax deductible item and anything you have will be greatly appreciated as Mexican Universities have very little in the way of reference books.

CONGRATULATIONS

**RON, RICHARD AND ERIC OF
AUDEX VENTURES FOR BECOMING
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*From your competitors and friends
at Nevada Pacific Gold*

GSN GOLF TOURNAMENT

The golf tournament was held on Saturday, June 18 at Washoe Golf Course. The morning weather looked threatening, but mother nature was kind and provided us with a cool, partly sunny day, perfect for golf. We had 71 golfers this year and an additional 25 guests for the barbeque, and a great time was had by all. Results from the golf were as follows:

1st Place (\$100): Greg Hill, Jared Lubben, Mike Derby, Bob Felder

2nd Place (\$75): Jon Brown, Dan Kappes, and Mike Cassidy

3rd Place (\$50): Doug Hensen, Mike Braun, Tench Page

Last Place (\$100): Dave Shadrick, Neil Prenn, Greg French, Earl Abbott

1st Place (Women): LuAnne Steininger, Nina Steininger, Joanne Eklund, Julie Johnsmeyer

2nd Place (Women): Laura Ruud, Ann Carpenter, Cami Prenn, Beth Krewedl

**** (Both women's teams won a lunch date with Marty Dennis)**

Longest Drive (Men): Dave Ernst, Ivan Johnston
(Women): Jane Wheatley

Closest to the Hole (Men): Tom Kilbey, Bob Felder

Longest Putt (Men): Chris Ioannakis
(Women): Judy Hall

The GSN wishes to extend another sincere thank you to Lance Eklund (Eklund Drilling) for his generous sponsorship of this tournament, and to Neil and Cami Prenn (Mine Development Associates) for supplying plenty of cold beer from Great Basin Brewery, and to Lance Taylor (Geotemps) for donating a beautiful golf bag. Thanks also to Tom Kilbey, Nancy Wolverson, Nancy Bilyeu, and Marty Dennis for helping make it happen.

See page 14 for pictures from the golf tournament.

GSN STUDENT FIELD TRIP

Earl Abbott and Don Hudson led a GSN student only field trip to the Comstock Mining District on Sunday, July 24. A pre-field trip talk for the students was also presented by Don Hudson on Saturday night with pizza and drinks provided. GSN greatly appreciates Don's enthusiastic presentations and willingness to share his knowledge of the Comstock to students. The entire event was free to the students thanks to Marty Dennis and Lance Eklund of **Eklund Drilling**.

Another student only field trip is being planned in September that is open to all students throughout Nevada. Tentative plans are for a field trip on September 10 & 11 that includes visiting a brucite mine near Gabbs and overnight camping at the Berlin Ichthyosaur State Park. Please contact Earl Abbott at 827-2324 for further details.

*Thank you to our
generous donors*

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GSN MEMBERS' PERSONAL NOTES & NEWS

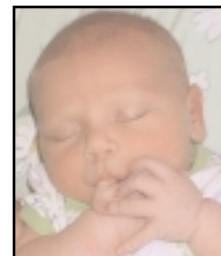
Career Related Moves

► Congratulations to Ronald Parratt and Richard Bedell for the successful closing of the initial public offering for AuEx Ventures Inc on June 28. The IPO process took over one and a half years to complete. Their focus will be on exploration projects located in Nevada.

Births

► Congratulations to Lance & Joanne Eklund on the birth of their first grandchild. A beautiful baby girl, Jamison Sofia Leonis was born to Lance's daughter and son-in-law, Lindsay and Joe Leonis on June 28, 2005. Luckily Jamison waited until after the golf tournament to arrive!

► Congratulations to Heidi Anderson Kuzma and Greg Kuzma on the birth of their gorgeous son, John Tule Kuzma. He was born June 22 at 0:24 am; 8 lbs 6 oz, 21 inches, healthy and noisy! Father, Mother and son are adapting well to each other and learning to resume a normal life.



Deaths

The GSN sends their condolences to:

Ruth Buffa, who recently lost her father.

Bob Cuffney, who recently lost his mother.

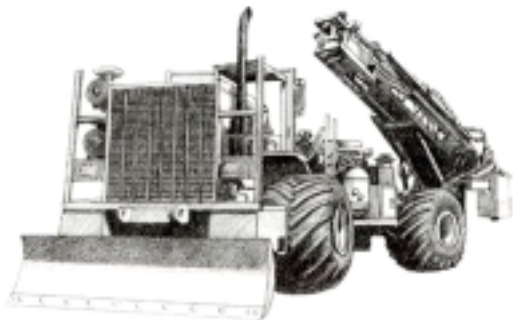
Gregory French, whose father passed away in June.

Know that your friends at GSN are thinking of you.

Members are encouraged to keep us informed about their own career related moves and awards, and deaths of GSN colleagues. Your information needs to be received by Laura at gsn@mines.unr.edu by the 21st of each month.



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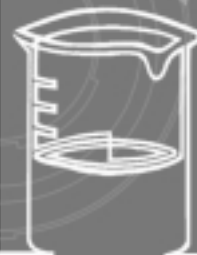
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Business card size (3 1/2 x 2")	\$ 50.00
Quarter page (3 1/2 x 4 3/4")	150.00
Half page (4 3/4 x 7 1/2")	300.00
Classified ads \$10/line (up to business card size)	

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

MEMBERSHIP RENEWAL NOTICE FOR 2005/2006

The Geological Society of Nevada began a new fiscal year on June 1st. Dues for 2005/2006 are due by September 30, 2005 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 officers.

If you would like to renew your dues now, see page 15 or download a form from the GSN website: www.gsnv.org and mail it with your payment to GSN, PO Box 13375, Reno, NV 89507 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 @ 775/323-3500.

Please make sure to update any address changes, especially emails. When you renew your membership dues this year, please consider making a tax-deductible donation to the GSN Foundation. Foundation dollars are used exclusively for the Kindergarten through 12th grade Field Trip Grant Program, Nevada Mapping Grants and University of Nevada scholarships.



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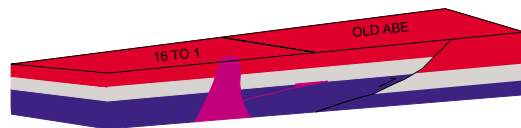


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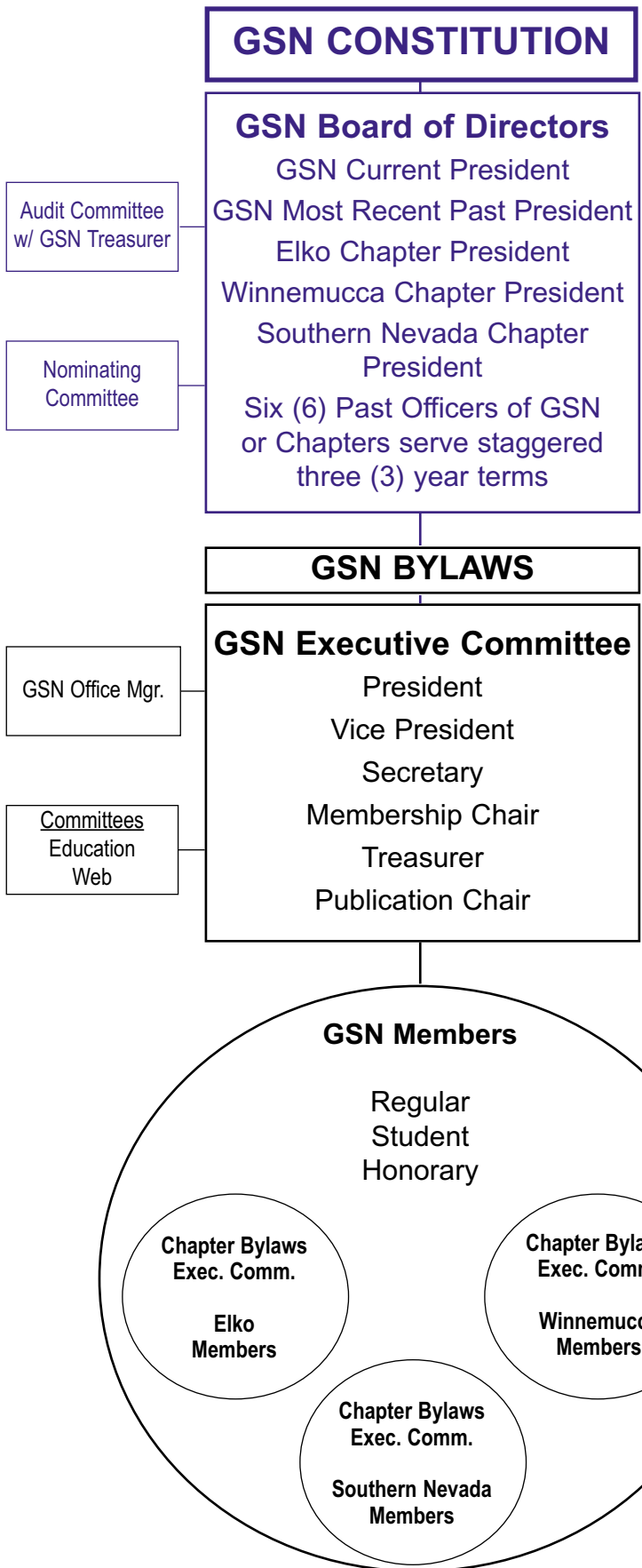
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PROPOSED CHANGES TO THE CONSTITUTION: NEW GSN BOARD OF DIRECTORS

(GSN MEMBERS WILL BE ASKED TO VOTE ON THESE CHANGES IN SEPTEMBER)



GSN BOARD OF DIRECTORS

- Serves as Trustees of GSN
- Provides institutional memory and continuity
- Guides overall direction of GSN
- Reviews & approves annual operating plan & budget
- Manages GSN investment funds
- Reviews & approves Bylaw Amendments
- Promotes communication within GSN

GSN EXECUTIVE COMMITTEE

Runs daily affairs of GSN

- Meetings
- Field trips
- Newsletters
- Management of operating funds & assets
- Development of annual operating plan & budgets of GSN & chapters
- Propose Bylaw amendments to BOD
- Nominate candidates to fill vacancies on BOD
- Draft Bylaws and any changes
- Oversight of hired staff
- Establish other GSN committees
- Membership dues & records
- Accounting
- Publications

Members

- Vote for GSN officers & BOD
- Vote on Honorary members
- Serve on Executive Committee
- Serve on Committees
- Propose Amendments to Constitution

GEOLOGICAL SOCIETY OF NEVADA (GSN) CONSTITUTION

Article I. Name

This organization shall be known as the Geological Society of Nevada, with offices located in Reno, Nevada, and is hereafter referred to as GSN.

Article II. Objectives

Section 1. The objectives of GSN shall be to promote the advancement of geological sciences, especially as they relate to Nevada, by encouraging and sponsoring the dissemination of information through meetings, field trips, and publications, and by the support of academic endeavors.

Section 2. GSN is a non-profit educational and trade organization under section 501 (c) (6) of the Internal Revenue code. No portion of the assets shall be used to the benefit of any member or individual.

Article III. Adjunct Organizations (Chapters)

Section 1. From time to time, the GSN may establish Adjunct Organizations, such as chapters, which currently exists in Elko, Las Vegas, and Winnemucca. Each such organization or chapter shall establish by-laws and present them to the Board of Directors of the GSN for review and approval; and all amendments thereto shall also be subject to the approval of the Board of Directors of the GSN. Adjunct Organizations shall operate in accordance with the Objectives of the GSN and have a parallel executive committee structure and by-laws. The By-Laws and Constitution of the GSN shall prevail and govern over the documents and actions of any GSN Adjunct Organization. No GSN Adjunct Organization created under this Article III shall be incorporated or otherwise enjoy separate legal existence, identity or powers. No organization which is incorporated or otherwise enjoys separate legal existence, identity or powers shall be an Adjunct Organization for the purposes of Article III.

Section 2. Membership in any Adjunct Organization carries all the rights of full membership in the GSN.

Article IV. Membership

Section 1. GSN shall be composed of members, student members and honorary members.

Section 2. Members shall be persons whose professional activities or whose interests are in keeping with the Objectives of the GSN.

Section 3. Student members shall be students in good standing from colleges and universities whose scholastic achievements and interests are in keeping with the Objectives of the GSN. Student members shall enjoy all the privileges of members and hereinafter are included in all references to members.

Section 4. Honorary members shall be persons who have made outstanding contributions to the advancement and/or promotion of the geological sciences in Nevada, or who have made significant contributions to the GSN, and who are deserving of recognition for their advancements and/or promotion. Nominations for honorary membership can be proposed by any GSN member, but must

be approved by the Board of Directors and then confirmed by a majority vote of the members at a general meeting. Honorary members shall enjoy all the privileges of members and hereinafter are included in all references to members.

Section 5. Temporary membership may be granted to individuals for meetings or special events. The terms of the temporary membership shall be outlined in the GSN By-Laws.

Article V. Governance

Section 1. The GSN shall be governed by a Board of Directors and an Executive Committee. GSN's fiscal year is from June 1 through May 31.

Section 2. Board of Directors. The Board of Directors shall have and exercise, on behalf of the GSN, all rights, powers and privileges granted to the GSN as a not-for-profit corporation organized under the laws of Nevada in the carrying out of the purposes set forth in the Articles of Incorporation and Article II of the GSN Constitution. The Board of Directors shall serve as Trustees of the corporation for their term of office. The Board of Directors shall be responsible for the overall direction of the GSN.

The Board of Directors shall be composed of: a minimum of six past officers of GSN or GSN Adjunct Organizations who are to be elected by the membership; the current President of the GSN; the current President(s) of the GSN Adjunct Organization(s); and the most recent past President of the GSN. Current officers of the GSN Executive Committee and current officers of the Adjunct Organizations executive committee are not eligible to serve as elected members of the GSN Board of Directors. The Board of Directors shall meet on a quarterly basis at times and locations determined appropriate by the Board of Directors. A quorum for a meeting of the Board of Directors shall consist of the number of the members of the Board of Directors that equals no less than two-thirds of the Board of Director positions in existence at the time the meeting is called to order. The Chairperson of the Board shall be one of the elected members of the Board of Directors selected by the Board of Directors. The Board of Directors, in consultation with the Officers of the Executive Committee, may remove a member of the Board of Directors for actions inappropriate with the Objectives of the GSN. The By-Laws shall outline the procedures for consultation and such removal.

The Board of Directors shall establish an Audit Committee and a Nominating Committee comprised of members of the Board of Directors. The Audit Committee shall also include the current GSN Treasurer. The Board of Directors shall, as determined necessary, establish other committees comprised of members of the GSN. The Board of Directors has the authority to, and shall: approve the annual operating plan and budget of the GSN; manage the GSN investment funds; approve amendments to the GSN By-Laws as proposed by the Executive Committee; authorize and dissolve, in accordance with Articles III and VIII, any GSN Adjunct Organization; adjust the number of elected member positions of the Board of Directors; develop policy for the conduct of the Board of Directors; and conduct other activities necessary to fulfill the responsibility for overall direction of the GSN.

The elected member positions of the Board of Directors shall be divided into three Classes (Classes A, B, and C) of approximately equal numbers. Each Class shall serve staggered three year terms such that at each annual election only one Class shall be eligible for election. At the first election of the Board of Directors the Class A members shall serve a nominal one year term, the Class B members shall serve only a nominal two year term, and the Class C members shall serve a nominal three year term.

Section 3. Executive Committee. The GSN Executive Committee shall be comprised of Officers that include a President, Vice-President, Secretary, Membership Chairperson, Treasurer, and Publication Chairperson. The Executive Committee shall have the authority to add additional non voting members to the Executive Committee. The Executive Committee shall meet on a monthly basis at times and locations determined appropriate by the Executive Committee. A quorum for a meeting of the Executive Committee shall consist of no less than two-thirds of the Officers of the Executive Committee. The Officers of the Executive Committee, in consultation with the Board of Directors, may remove an Officer of the Executive Committee for actions inappropriate with the Objectives of the GSN. The By-Laws shall outline the procedures for consultation and such removal.

The Executive Committee shall be responsible for the daily affairs of the GSN. The Executive Committee shall, as determined necessary, establish other committees comprised of members of the GSN. The Executive Committee shall: develop and present to the Board of Directors an annual operating plan and budget, including the budgets for the Adjunct Organizations, for the GSN; propose amendments to the GSN By-Laws to the Board of Directors, as determined necessary; manage the GSN operating funds and the other GSN assets; and conduct other activities necessary to fulfill the responsibility for management of the daily affairs of the GSN.

The requirements of each Officer of the Executive Committee are as follows.

Section 3.1. President. The President shall be responsible for directing the activities of the GSN and for developing the annual operating plan, chairing the meetings, which involves opening and closing the proceedings, making announcements, and introducing the speaker. The President shall be responsible for the oversight of any hired support staff. The President shall be the chairperson of the Executive Committee.

Section 3.2. Vice-President. The Vice-President shall be responsible for chairing the meetings in the absence of the President. The Vice-President shall be responsible for bringing the audio visual equipment to the meeting, setting it up, and operating it at the meeting, and storing it between meetings. The Vice-President shall be responsible for organizing and conducting one or more field trips and work with the Publication Chairperson on the preparation of the accompanying field trip guidebooks.

Section 3.3. Secretary. The Secretary shall be responsible for the production and distribution of the newsletter, meeting announcements and any other required correspondence, maintaining the GSN's records, and recording minutes of Executive Committee meetings.

Section 3.4. Membership Chairperson. The Membership Chairperson shall be responsible for conducting membership drives, maintaining a complete and correct membership list, preparing the membership directory, preparing members' and guests' name tags for meetings, arranging the place for meetings, selecting the dinner menu, taking reservations and notifying the meeting place of the number of people expected at each meeting.

Section 3.5. Treasurer. The Treasurer shall be responsible for collecting dues, recording expenses and income, keeping financial matters in order in both checking and savings accounts, paying all bills and taxes, filing all necessary legal and tax forms with state and federal agencies, and coordinating with Treasurers of chapters and committees.

Section 3.6. Publication Chairperson. The publication chairperson shall be responsible for maintaining the master copies of the GSN publications; maintaining an adequate inventory of

publications; overseeing progress toward creation and completion of GSN publications; conducting an annual fiscal year-end inventory of the publications; and implementing advertising of the GSN publications to increase sales of those publications.

Section 4. Election of the Board of Directors and the Officers of the Executive Committee. The slate of elected members of the Board of Directors and the Officers of the Executive Committee shall be nominated by the Nominating Committee and reviewed by the Board of Directors.

The election of the elected members of the Board of Directors shall occur through a mail and/or electronic mail ballot near the end of the fiscal year. The elected members of the Board of Directors shall be elected by a simple majority of the returned mail ballots received by the GSN Officers ten (10) working days after a ballot is mailed to the membership by GSN Executive Committee. The newly elected members of the Board of Directors shall begin their terms at the beginning of the next fiscal year.

The election of the Officers of the Executive Committee shall occur through a mail and/or electronic mail ballot near the end of the fiscal year. The Officers of the Executive Committee shall be elected by a simple majority of the returned mail ballots received by the GSN Officers ten (10) working days after a ballot is mailed to the membership by GSN Executive Committee. The newly elected Officers of the Executive Committee shall begin their terms at the beginning of the next fiscal year.

For the first election of the Board of Directors after these amendments to the GSN Constitution are passed by the membership, a slate of nominees for the elected positions on the Board of Directors shall be presented by the GSN Officers to the membership through a mail and/or electronic mail ballot within thirty (30) days of the passage of these amendments to the GSN Constitution.

Section 5. Vacancies in the Board of Directors and Executive Committee. In the event of an unscheduled vacancy on the Board of Directors or the Executive Committee, the Executive Committee shall nominate a qualified individual to complete the term of the vacant position and the Board of Directors shall vote on that individual.

Section 6. By-Laws. The Executive Committee shall draft the By-Laws for the GSN, or changes to the By-Laws, and then propose them to the Board of Directors for review and approval. The By-Laws shall address the meetings of the membership, the activities and procedures of the Executive Committee, the amount of annual dues, procedures for voting by the membership, amendments to the By-Laws, and other items as determined appropriate by the GSN Executive Committee.

Article VI. Dues

Section 1. Dues shall be paid annually at the beginning of the Fall meeting series (September). Members shall be considered in good standing when dues have been paid.

Section 2. Amount of dues shall be established in the By-Laws and this amount being one which will enable GSN to operate successfully with no shortages of operating capital.

Section 3. Dues for students shall be half the amount paid by members.

Section 4. Honorary members shall be exempt from paying annual dues.

Section 5. Dues for temporary membership shall be established in the GSN By-Laws.

Section 6. Payment of dues to GSN by any person qualified as stated in Article IV shall be considered a declaration of membership in GSN by that person.

Article VII. Amendments to the Constitution

Section 1. The constitution may be amended by two-thirds of returned mail and/or electronic mail ballots received by the GSN Officers no more than ten (10) working days after a proposed amendment, as established under Section 2 of Article VII, is mailed to the membership by the GSN Officers.

Section 2. Amendments may be proposed by any member of the GSN. The proposed amendment may then be processed and accepted through one of the following: a vote of a quorum of the GSN Board of Directors; by a petition bearing the signatures of at least ten percent (10 %) of the membership; or by a majority vote of the members attending a regularly scheduled GSN meeting at which the proposal is presented, if the meeting is attended by at least twenty percent (20 %) of the current membership. The proposed amendment shall then be published in the next regularly scheduled GSN newsletter. The current membership shall have an opportunity to vote on the proposed amendment within thirty (30) days of the acceptance of the proposed amendment and publication in the GSN newsletter.

Article VIII. Dissolution

Section 1. GSN may be dissolved by a two-third majority vote of the current membership at a meeting of the membership, at least ninety (90) days after the membership is informed of the proposed action.

Section 2. Adjunct Organizations of the GSN may be dissolved by the Board of Directors upon petition by the Adjunct Organization following a two-third vote of the Adjunct Organization in favor of dissolution. Any Adjunct Organization not operating in accordance with the Objectives of the GSN may be dissolved by the Board of Directors ninety (90) days after the chapter is informed of the proposed action.

Section 3. Upon dissolution of the GSN, all financial assets of the corporation shall be donated to the GSN Foundation up to the legally acceptable amount. Any remaining funds would then be donated to the DeLamar Library, or its successor, at the University of Nevada, Reno. Upon dissolution of any Adjunct Organization, all the financial assets of that Adjunct Organization shall revert to the general fund of the GSN.



The golf tournament on Saturday, June 18 at the Washoe Golf Course.

**1st place team
basking in their glory!**



Jared Lubben, Mike Derby, Bob Felder, and Greg Hill.



Dieter Krewedl and his wife Beth. Did you hear Beth got a "birdie" in the tournament? it was a robin that she hit in flight! Really!

**2nd place team
in their victory pose.**



Mike Cassidy, Jon Brown, and Dan Kappes.



Not winners in golf this year but winning smiles!
Eric Struhsacker, Don Mackerrow,
Tom Callicrate, and Toby Mancuso.



Kyle Eklund, enjoying a little BBQ'd chicken after a hard day of golf.

**Last place team
basking in their glory!**



Earl Abbott, Neil Prens, Greg French, and Dave Shaddrick.



GEOLOGICAL SOCIETY OF NEVADA

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The Geological Society of Nevada (GSN) is a non-profit, educational organization whose principal objective is to promote the advancement of geological sciences, especially as they relate to Nevada. GSN supports the dissemination of information through meetings, field trips, publications and academic endeavors. Membership is open to geologists, geophysicists, geochemists, engineers, educators, students, prospectors or anyone else with an interest in the geological sciences and/or the goals of the GSN.

The GSN membership year begins in June. Annual dues of \$30.00 (\$15.00 for full time students) are due in the fall. The GSN sponsors a Field Trip in the Fall and one in the Spring of each year. Monthly meetings are held on the third Friday of each month, September through May. No formal meetings are currently held during the summer field season. The following are sanctioned Chapters of the Geological Society of Nevada: Elko Chapter, based in Elko; Southern Nevada Chapter, based in Las Vegas, and the Winnemucca Chapter, based in Winnemucca. Additional dues to these Chapters are \$5.00 annually.

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

MEMBERSHIP APPLICATION/RENEWAL

DATE _____

NAME: _____ POSITION/TITLE _____

CONSULTANT COMPANY NAME: _____

STUDENT UNIVERSITY: _____

ADDRESS: _____

CITY: _____ STATE/PROVINCE: _____

ZIP: _____ COUNTRY: _____

PHONE: WORK _____ FAX _____

CELL _____ RESIDENCE _____

E-MAIL: _____ WEB SITE: _____

WOULD YOU LIKE TO HAVE AN ASTERISK BY YOUR NAME IN THE DIRECTORY INDICATING YOU ARE AVAILABLE FOR CONSULTING?

I HAVE MET THE LICENSING REQUIREMENTS AND WANT "QP" (QUALIFIED PERSON) BY MY NAME IN THE DIRECTORY.

I authorize GSN to send to me, via email: GSN announcements, publication updates, employment opportunities, etc.

Yes
No

Regular Membership Dues - email newsletter \$30.00 Honorary \$ _____

Regular Membership Dues - hardcopy newsletter via postal service \$35.00 Honorary _____

International Membership Dues - email newsletter only \$30.00 _____

International Membership Dues - hardcopy newsletter via postal service \$45.00 _____

Student Membership Dues - email newsletter only \$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 _____

STUDENT DINNER FUND

I wish to donate to the GSN Student Dinner Fund _____

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 13375, Reno, NV 89507
Fax to 775/323-3599, email gsn@mines.unr.edu**

GEOLOGICAL SOCIETY OF NEVADA



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KUDOS and MANY THANKS GO TO THE HARD-WORKING VOLUNTEERS ON THE 2005 SYMPOSIUM ORGANIZING COMMITTEE! IT WAS A HUGE SUCCESS!

General Co-Chairs: Jon Price and Eric Ruud, **Secretary:** Cheri Reimann, **Finance Group:** Terri Garside, Ron Parratt, Cami Prenn, and Dave Shaddrick, **Posters and Core Shack:** Vic Chevillon, Eric Struhsacker, and Bob Thomas, **Technical Program:** Ann Carpenter, Paul Klipfel, and Elizabeth Zbinden, **Editing:** Neville Rhoden, Roger Steininger, and Peter Vikre, **Publications Editors:** Ann Carpenter, Greg Hill, and Christy Morris, **Short Courses:** Richard Bedell and Greg French, **Field Trips:** Earl Abbott, Tom Callicrate, and Dieter Krewedl, **SEG Forum:** John Muntean, **Facilities:** Mario Desilets, **Social Events:** Rachel Dolbier and Sally Kleiner, **Registration:** Ron Kieckbusch, Don Mackerrow, Marilyn Miller, Paul Muto, Beth Price, and Vic Ridgley, **Web:** Peg O'Malley and Ron Hess, **Exhibits:** Chet Lide and Marcie Wood, **Committee Members at Large:** Ken Cunningham, Curt Everson, and Bob Hatch, **Office Administrator:** Brenda Estay

The **10 new 2005 Symposium Field Trip Guidebooks** are available for sale NOW at the GSN Office – Price is \$45 each + shipping. Call 775/323-3500 to order yours now or go to the website: www.gsnv.org and print an order form to fax or mail in.

- 05FT-01** – “Geology and Structural Controls of the Precious Metal Deposits of the Walker Lane and South-Central NV”
- 05FT-03** – “An update on the Northeast NV Eocene Paleogeography, Volcanic Succession, and the Depth of Formation of Sediment-Hosted Gold Deposits of the Northern Carlin Trend, NV”
- 05FT-04** – “Sediment-Hosted Gold Deposits of the Getchell District, NV”
- 05FT-05** – “Low Sulfidation Vein Systems in the Northern Nevada Rift, NV”
- 05FT-06** – “Geology and Mineralization of Sediment-Hosted Gold Deposits of the Southern Carlin Trend, NV”
- 05FT-07** – “Sediment-Hosted Gold Deposits of the North-Central Eureka-Battle Mountain Trend, NV”
- 05FT-08** – “Sediment-Hosted Gold Deposits of the Independence Range, NV”
- 05FT-09** – “Porphyry Deposits of the Great Basin”
- 05FT-10** – “Geology, Mineralization and Remote Sensing of the Comstock District, NV”

The 2005 Symposium Proceedings Volumes are on track to be published in October 2005. Post-meeting price has not been set.