GSN NEWSLETTER

May 2000, Vol. 14, No. 5



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CALENDAR OF EVENTS

May 5 SYMPOSIUM 2000: Organizational meeting. Cheri Reimann,

775/358-4336.

May 15-18 GSN Symposium, Geology and Ore Deposits 2000: The Great Basin and

Beyond. Check our web site at www.gsnv.org or register on-site.

May 20 GSN SOUTHERN NEVADA CHAPTER Field Trip to Yucca Mountain, NV.

nwilson@nevada.edu or K. Goebel, 702/263-7600.

June 10 GSN GOLF TOURNAMENT: Sierra Sage Golf Course.

June 17 GSN WINNEMUCCA CHAPTER Annual Pig Roast, Winnemucca, NV.

Tentative Field Trip late July or early August to Rosebud. Bruce Braginton,

775/625-5606, or Peter Mitchell, 775/625-5615 for information.

Oct 7 GSN ANNUAL PICNIC at Bowers Mansion, Washoe Valley (south of Reno)

12:00 noon.

Oct 20 GSN MEMBERSHIP MEETING AND DINNER: At Elks Club, Reno, NV.

GSN Newsletter is published monthly except June and July Geological Society of Nevada, PO Box 12021, Reno, NV 89510-2021 USA, 775/323-3500

PRESIDENT'S MESSAGE

Joseph Anthony Kizis, Jr., GSN President 1999-2000

As my term as GSN President winds down, I'm feeling relieved... and proud. Relieved that I survived, and proud of this year's accomplishments. Symposium 2000 will be our biggest event, with credit going to the hard-working Symposium 2000 Committee. They have been planning and preparing for nearly five years now. Kudo's also go to the many volunteers, sponsors, presenters, exhibitors, and advertisers. I'm confident that it will be another great Symposium.

Another accomplishment that I'm proud of is the successful setup of the GSN Foundation, which will provide funding for the GSN's various philanthropic activities. The GSN Foundation has received all the necessary permits and rulings, and we can now begin fund-raising activities. Contributions to the Foundation can either go into the general fund (Non-restricted donations) or into one of the funds

destined for a specific program (Restricted donations). More details are available elsewhere in this Newsletter.

The Executive Committee approved a new Chapter for the GSN at its April meeting. The Winnemucca Chapter is now official, even though they've had several successful meetings thus far. I believe this new chapter will strengthen the GSN by serving both new members and existing members working and living near Winnemucca. The mid-week meetings are a great idea.

Other accomplishments are small in comparison. Many have helped to strengthen the GSN's finances. The email version of the Newsletter is one cost-saving measure, and now about 25% of our members have chosen to receive the Newsletter in this way. All of the office staff have done an outstanding job of reducing costs, and I thank them for their efforts.

continued on page 2

Thanks to Zonge Geophysics and Bondar-Clegg, Inc. for hosting the April Meeting

News and Announcements



PRESIDENT'S MESSAGE (continued from page 1)

As I begin to savor my status as a Lame Duck, I want to thank the office staff and the rest of the Executive Committee. Two Executives are also retiring, and we should all thank **Terri Garside** for her hard work as Treasurer (probably the most difficult job on the Committee) and **Steve Green** for his long and successful stint (practically a second career) as Publications Chairman. You have served the GSN well.

In closing, I want to thank **De Banovich** on behalf of the entire GSN for her years of dedication to the GSN... we are a better organization because of you. We wish you all the best in your future endeavors.

THE GSN FOUNDATION NOW A REALITY

Joseph Anthony Kizis, Jr., GSN President 1999-2000

In April the GSN Foundation received the final bit of paperwork necessary to begin accepting tax-deductible donations. Donations are now being accepted by the GSN Foundation through the GSN Office. Cash or securities can be donated, and two general options are available. The first option is to make a **Non-Restricted Donation**, which will be handled in the manner outlined in the Foundation's Operating Guidelines (published in last month's GSN Newsletter or available through the GSN Office). The second option is to make a **Restricted Donation**, which will be applied to the program of your choice. The choices are outlined below:

Options for Restricted Donations

UNR scholarships
School field trips
UNLV scholarships
DeLaMare Library
NBMG Mapping Grants
Reserve fund

Donations to the Reserve fund will be invested, with only investment income available to be used for the Foundation's programs. The GSN Foundation will also sponsor periodic fundraising events. Please contact one of the Foundation's Directors if you would like to help or have ideas for events.

ANNUAL GSN GOLF TOURNAMENT Sponsored by Eklund Drilling Co.

Roger Steininger, Consultant

It is time to start thinking of the annual "how many golf balls can I lose" event. The tournament will be held at Sierra Sage Golf Course on Saturday June 10, 1 P.M. tee time. A barbeque and awards ceremony will follow the playing of the golf, or killing of the rattlesnakes, whichever is fitting.

This year's tournament will have a new look to encourage a more competitive environment amongst the male participants. There has been a "handicap committee" (not Roger & Marty) formed that will make final adjustments in handicaps and pairings. So you guys can register individually or in pairs, and the "committee" will form teams. Women and couples can form teams or the "committee" will place you in an appropriate grouping. Otherwise, rules and procedures will be the same as previous years. Registration deadline is June 1.

Golf Tournament Registration Saturday, June 10, 2000
NAME
WK PHONE FAX
HOME PHONE
ADDRESS
HANDICAP OR AVERAGE SCORE
Cost includes greens fee, cart, prizes, and a barbeque to follow the event = \$50.00.
AMOUNT INCLUDED WITH THIS FORM \$
PAID W/CHECK #
VISA MC EXP. DATE
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(as it appears on card)
NUMBER OF GUESTS EXPECTED AT PICNIC
Payment must be received by June 1, 2000 No refunds after June 1
Fax: 775/323-3599 or mail to GSN office: PO Box 12021, Reno, NV 89510-2021

The Geological Society of Nevada (www.gsnv.org) is seeking a part-time Office Manager beginning May 2000. Work includes clerical and management of GSN affairs. Applicants must be able to attend monthly meetings & travel occasionally. Applicants should have strong public relations & organizational skills, be self-starters & independent workers. Use of word processing, spreadsheet, databases & email/Internet is required. Marketing/sales skills a plus. Compensation D.O.E./no benefits. Inquire at gsn@mines.unr.edu

THE BIG PARTY

Prepare yourselves for a major geologic event! We expect this occurrence to peg the Richter scale!

"The Big Party," generously sponsored by **Eklund Drilling Company**, is unequivocally the most highly anticipated social event of the GSN Symposium. Complimentary beverages and a delectable variety of tasty foods are merely a part of the attraction.

There will be live entertainment, music, prizes, and dubious awards throughout the evening. Plan to saunter through our array of Saloons of the Great Basin and Beyond, then stop by one of the carving stations or eateries for a sampling of genuine Nevada hospitality. Celebrate with the three individuals who receive the awards for "Best Written Papers by Students".

This is your opportunity to mix and mingle with your friends in the single largest event of the symposium. So, mark you calendars and plan to attend, Wednesday, May 17th, at 6:00 PM.

"The Big Party" is a function you won't want to miss!

KIDS E-MAIL THANKS

Fernley Elementary School students took a digital camera along on their field trip (transportation sponsored by the GSN) and have placed some of the pictures on their web pages. Check it out at:

http://users.intercomm.comtwright/w2.html and http://fes.1yon.k12.nv.us



Earl Abbott, John Lukens, De Banovich and Liz (Jones) Crafford, soaking-up sun and sharing the good times on a GSN Field Trip.

GSN INFORMATION

There are currently about 1000 members in the Geological Society of Nevada (GSN). Of these individuals, approximately 670 have Nevada addresses, the remainder hail from all over the United States and 14 foreign countries.

Due to the GSN Symposium May 15-18, there will not be a regularly scheduled Membership Meeting in May. The next General Membership Meeting will take place on October 20 in Reno. Details to be announced. Monthly meetings are held the third Friday of the month (October through May), except the December meeting which is held the third Wednesday of the month. Newsletters are published monthly except for June and July. The next newsletter will be distributed in August, at which time the membership drive begins. The GSN membership year runs from September to September.

GSN sponsors two field trips annually, providing an opportunity for members to learn about the geology and ore deposits in and around Nevada. From these field trips, special publications are produced, providing valuable sources of information on the areas visited, including road logs, maps, photos and technical reports.

The GSN has three active chapters: Elko, Southern Nevada (Las Vegas), and Winnemucca. These chapters also hold regularly scheduled meetings, conduct field trips, and provide newsletters to their respective members.

The GSN is a non-profit educational organization whose principal objective is promote the advancement of the geological sciences, especially as they relate to Nevada.

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Children under 12 free with adult 2-day Ticket: \$5.00 Adults/\$3.00 Sr. & Jr.

FREE PARKING



Janet S.Long Dean

March 8, 2000

Dr. Joseph Anthony Kizis, Jr., President Geological Society of Nevada P.O. Box 12021 Reno, NV 89510-2021

Dear Dr. Kizis

On behalf of the faculty, staff and particularly the students of the Mackay School of Mines, I wish to express our most sincere appreciation for the Geological Society of Nevada's recent contribution of \$2,000 to your endowed scholarship fund. I understand from our development director Connie Howard that next year the GSN Scholarship will be slightly more than \$2,000, hence your endowment is now producing more than your annual girlt.

The strategic use of scholarship dollars this past year enabled us to grow our undergraduate enrollment from 280 to 301 students, and we hope to see this trend continue. While Mackay provided a total of just over \$150,000 to 76 students this year we are hoping to be able to provide \$175,000 in scholarships to some 90-100 students next fall. Such a goal is ambitious given the current state of the mining industry, underscoring the importance of your contribution.

As with last year, you will be notified of scholarship recipients in August and should receive student thank you letters later in the fall. Our annual scholarship luncheon in October will hopefully provide an opportunity for you to meet the recipient of the 2000-2001 GSN scholarships.

Once again, thank you so very much for your continued participation in our scholarship program. Your support of the Mackay School of Mines is greatly appreciated.

Sincerely.

Jane C.S. Long, Dean

YUCCA MOUNTAIN STUDIES

GSN member Jean Cline (UNLV Professor) has been awarded a \$1.4 million federal grant to conduct a study on the suitability of Yucca Mountain as a nuclear waste repository. Cline and others will try to determine how long ago fluid invasion took place. If the occurrence is recent, it could make repository in that location quite risky.

Part of Cline's mission is to build a consensus based on the findings of the study, so that matters are resolved to the satisfaction of both the state and federal governments. To that end, scientists from Nevada, the USGS, the federal Nuclear Regulatory Commission, and the Nuclear Waste Technical Review Board are meeting regularly to discuss project findings.

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MISCELLANEOUS

- ▶ Wishing a speedy recovery to **Gene Saucier**, who just went through quadruple bypass surgery after a recent heart attack. And good wishes to **Tom Temkin** who suffered a heart attack in March, but was up and running within a few days and appears to be doing great.
- ▶ Thanks to **Bondar Clegg Inc.** for storing GSN's publications. In the dictionary, under the definition for "volunteer" you'll probably find the name **Eric Ruud**.
- ▶ Another long-time GSN bachelor takes the plunge! **Pete Dilles** plans to wed Jeannette Caillaux Moron in California on May 19th and again in Lima, Peru on June 9th. Twice for good measure.
- ▶ And you think you've got your hands full? **Charlie** and **Beth Tapper** were the proud parents of twin babies when they decided to add the finishing touch to their family. Late last summer their triplets were born. They now have two 2-yr-old toddlers and three 8-month-old babies.
- ▶ A final salute to a true gentleman, **Joe Kizis**, for doing such a great job as GSN's President this year. Also, I'd like to acknowledge each of the individuals who contribute so much to the organization and have made this editor's time with GSN such a pleasure. However, if I listed everyone by name—we'd have to call it a directory rather than a newsletter. Keep up the good work!
- ▶ Appreciation (and congratulations) to **Lyle Taylo**r and his new bride **Sue Smith** of **GEOTEMPS**, for once again covering GSN membership dues for Mackay Students.

I wanted the gold, and I sought it;
I scrabbled and mucked like a slave.
Was it famine or scurvy—I fought it;
I hurled my youth into a grave.
I wanted the gold, and I got it—
Came out with a fortune last fall—
Yet somehow life's not what I thought it,
And somehow the gold isn't all.

Excerpt from **THE SPELL OF THE YUKON**by Robert W. Service

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IN APPRECIATION

The GSN would like to acknowledge individuals and companies for providing financial and event sponsorship for the upcoming Symposium.

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For an advertising form, call the GSN office at 775/323-3500, fax 323-3599, e-mail gsn@mines.unr.edu

Thank You

Bree Megan Shaddrick

1982-1999

We would like to convey our deepest appreciation and sincere thanks to the Geological Society of Nevada, it's members and the international exploration and mining community. Your thoughtfulness and support have helped immeasurably during this difficult time.

Bree was with us all too briefly but her memorial and funeral services showed that her spirit touched you all. Each of you was important to her and you are to us as well. Bree grew up and worked with us in this mining community. She was proud of that and she was proud to be one of the "miners."

The memorial established in Bree's name will fund an ongoing scholarship for a McQueen High School journalism student to attend the college of his/her choice. Thank you so very much.

David and Sandy

150.00

300.00

10.00



THE GREAT BASIN EXPERIENCE*

(*this time we really mean it, it is the end of an era)

By Ol' Three Toe and Club Tail

(not your ordinary fossils)

e-mail address - dinos28297@aol.com



So De is leaving?

Ol' Three Toe:

Yes, sad to say that GSN will not have that smiling voice on the phone or that pleasant personality at the meetings.

Club Tail:

Not to mention having her run interference for us with those damn censors at the Newsletter.

Ol' Three Toe:

If some of those folks knew the truth behind comments that were edited out, or the criticisms received, they would be embarrassed by their editorial actions.

Club Tail:

This does put our tails in a bind.

Ol' Three Toe:

How so your extinctness?

Club Tail:

If we quit writing this article at the same time that De leaves there will be those who think that she was one of the authors, yet if we continue we will have to bring her replacement on board to keep our secret.

Ol' Three Toe:

And if we issue a denial that De was involved there will be that segment of the membership who will not believe us.

Club Tail:

I bet those are the same people who think that denial is a river in Egypt.



I think the best course of action is to stop this article, which solves two problems. Since the industry is about dead there is very little to report on, and it will save GSN some money by reducing the number of pages in the newsletter.

Club Tail:

Since when did you care about helping GSN?

Ol' Three Toe:

I do, I do. My other suggestion is that GSN could save a lot of money by not publishing a newsletter, holding meetings, or give scholarships.

Club Tail:

True and perhaps they should have a permanent manager like SEG or GSA. But what do we do about De?

Ol' Three Toe:

We say, "she had nothing to do with writing this article and if you don't believe that we have fooled you again!"

Together:

Thank you for the kind remarks (we have ignored all of the others) and the support over the past few years. We hate to leave you unprotected, so there may be one more column this fall full of advice to get you through the years ahead.

And now for the COMET.



De's Response: Hey you troublemakers, you're not getting rid of me that easy. After working with geos for about 30+ years, I've discovered it's a hard habit to break. Undoubtedly, I'll be seeing you around! Thanks for the many hours you've put into this column.

UP-COMING EVENTS

May 9 AEG SW Section LV Subsection Meeting at Las Vegas, NV. Pete Mote, U.S. Dept of Energy, Nevada Testing Institute's Field-Scale Earthquake Ground Motion Simulator. Social-5:30, dinner-6:30, talk-7:30. Res D Blatchford, 702/251-5449

May 10-12 CMA 2000 Annual Conf, the Odyssey Continues at Palm Springs, CA. 916/447-1977, calmining@calmining.org



May 15-18 Geology & Ore Deposits 2000 - The Great Basin & Beyond, A GSN Symposium at Reno/ Sparks, NV. 775/323-3500, gsnsymp@unr.edu, www.gsnv.org

May 18 CO Scientific Society Meeting at Lakewood, CO. Ren Thompson, The Self-Destructive Nature of Middle-Latitude Andean Volcanoes, and Art Snoke, Geologic Evolution of Tobago, West Indies. 303/236-7446, mhudson@usgs.gov

May 20 GSN SNC Field Trip to Yucca Mountain. nwilson@nevada.edu

May 20-21 NWGS Spring Field Trip, Geol of Seattle from Sequim to N Bend, WA. charnley@ctr.net

May 21-24 SME 5th Int'l Conf on Acid Rock Drainage at Denver, CO. 303/973-9550, davis@smenet.org

June 1 GSN Golf Tournament at Reno, NV. 775/323-3500.

June 15-17 Elko Mining Expo 2000, A History in Mining at Elko, NV. M Engleman, 775/738-4091, michelle@elkocva.com

June 17 GSN Winnemucca Chapter Annual Pig Roast at Winnemucca, NV. B Braginton, 775/625-5606

July NPS Summer Field Trip. Details to be announced. www.nbmg.unr.edu/nps/

July 30-Aug 2 4th N American Rock Mechanics Symp, Pacific Rocks 2000: Rock Around the Rim at Seattle, WA.www.armarocks.org

July 31-Aug 3 Pacific Rocks 2000, the Fourth North American Rock Mechanics Symp at Seattle, WA. M Cramer, 303/771-2000, mcramer@expomasters.com

Aug 31st Int'l Geol Congress, Brazil 2000 at Rio De Janeiro, Brazil. 55 21 295 5847, 31igc@31igc.org.br

Sept 8-10 Nat'l Assoc of Geoscience Teachers Conference, Geology & Tectonics of the Northern Sierra NV, 7 field trips planned at Blairsden, 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 Symp 2000, Environmental Technology for the 21st Century at Phoenix, AZ. ahs2000@urscorp.com

Oct 7 GSN Annual Picnic at Reno, NV. 775/323-3500

Oct 20 GSN Membership Meeting at Reno, NV. 775/323-3500

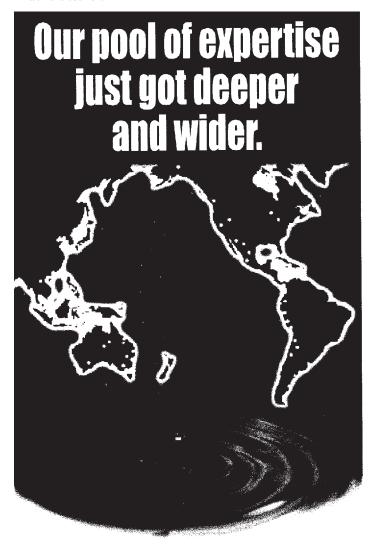
Nov 6-8 Applied Geologic Remote Sensing Integrated Solutions for Real World Problems at Las Vegas, NV. 800/582-2228, www.alexispark.com/roomres/roomres.html

Dec 3-7 NWMA Annual Meeting & Expo at Spokane, WA. H Hoeft, 509/624-1158, www.nwma.org

2001

Sept 17-19 2001 SME Minefill 2001 at Seattle, WA. 800/763-3132 or 303/973-9550, www.smenet.org

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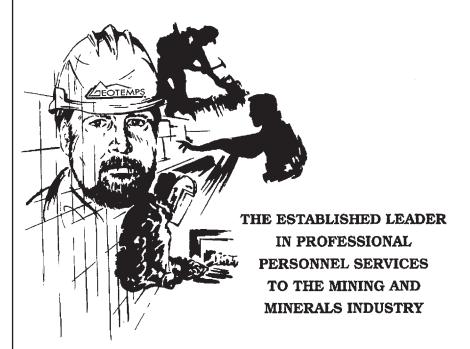
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May 15-18, 2000

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