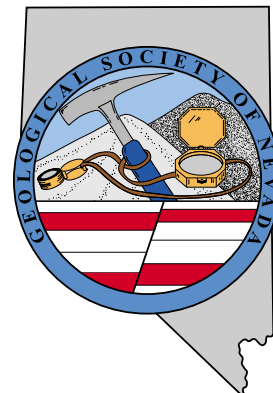


# GSN NEWSLETTER

August 2006, Vol. 21, No. 6

Published monthly except June and July



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## CALENDAR OF GSN EVENTS

**Aug 17  
Thursday**

ELKO CHAPTER MEETING. Dave Caldwell or a staff geologist from Golden Phoenix Minerals will give a presentation. The courtyard of the Duncan Littlecreek Gallery & Gallery Bar. (The DLC Gallery is located across the parking lot from the Western Folklife Center, 516 Commercial St.) This informal meeting will have the same casual format started last year with a BBQ/beer-fest. For more information contact Richard Reid, Elko President, 775/778-3912.

**Aug 18  
Friday**

GSN BOARD OF DIRECTORS MEETING. 2 pm, 4600 Keitzke Ln, Reno NV. Contact Dieter Krewedl for more information @ dkrewedl@usamedia.tv.

**Aug 24  
Thursday**

5<sup>th</sup> ANNUAL DOUG SILVER SUMMER SERIES. Doug Silver, Chairman and CEO, International Royalty Corporation. Title: "Stories from the Bull Market or Bull from the Storied Market". Drinks/Burgers/Hot Dogs – 5:30 pm, talk – 7:00 pm, discussion – 8:00 pm. Opal Adams and Rich DeLong's home, 9484 Spearhead Way, Reno, NV. Sponsors: Enviroscientists, Inc. and Mine Development Associates. Please bring a lawn chair and side dish to share. Call Laura at 775/323-3500 for more information.

**Sept 15  
Friday**

GSN MEMBERSHIP MEETING. Michel Cuney, CREGU, Univ. of Henri Poincare-Nancy, France. Title: "The Major Uranium Districts in the World - Past Production and Prospectivity". Reno Elks Lodge, 597 Kumle Ln, Reno, NV. Drinks at 6 pm, dinner at 7 pm, talk at 8 pm. Contact Laura Ruud for reservations, 775/323-3500 or gsn@mines.unr.edu.

**Oct 1  
Friday**

GSN 18<sup>th</sup> ANNUAL PICNIC. Rancho San Rafael Park, Highlands Pavilion, Noon to 4 pm. Mark your calendars!

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, 1-4 pm

## FROM THE PRESIDENT

Ellie Davie Leavitt, *GSN President 2006-2007*

Welcome to a new season of GSN! I would first like to recognize Dieter Krewedl's hard work and accomplishments during his past two years as GSN President. He served during the 2005 Symposium, helped oversee production of the Fall and Spring Field Trips and many other traditional GSN events. After his first year, Dieter recognized a need for leadership of GSN that could provide long-term direction, continuity, and enhanced communication within the growing organization. As a result, the Board of Directors (BOD) was established and the Constitution and

*continued on page 2*

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## News and Announcements

### FROM THE PRESIDENT *continued from page 1*

Bylaws were revised to reflect these changes. The newly formed BOD includes representatives from all of the GSN Chapters as well as former Executive Committee members. A chart of current Executive Committee and BOD volunteers is included in this issue (see page 11). Thanks Dieter for making GSN a better organization.

I'd like to welcome new officers on the 2006-2007 Executive Committee including: Greg Hill (Vice President), Opal Adams (Membership Co-chair), Marilyn Miller (Publication Co-chair), and Debbie Schneider (Publication Co-chair). Meanwhile, Cami Prens (Treasurer), Leslie Olmstead (Secretary), Greg French (Membership Co-chair), D.D. LaPointe (Education), and Rachel Dolbier (Education) continue to volunteer and run the many GSN functions and activities. Laura Ruud will carry on as Office Manager this year keeping the GSN running smoothly. I would also like to send a warm welcome to the new GSN Chapter Presidents who will be volunteering their time in the upcoming year: Richard Reid, Elko Chapter; Bruce Hurley, Southern Nevada Chapter and Ivan Johnston, Winnemucca Chapter. I look forward to working with you all.

GSN has grown to more than 1000 members from around the world. Many of you are employed in minerals exploration, many within Nevada and some in remote locations throughout the world. As we embark on a new GSN year, the traditional activities will continue, but hopefully we'll hear from you intrepid geologists as well and broaden our horizons. The 2006 Fall Field Trip is in the planning phase. We will be visiting Bald Mountain and Archimedes, two deposits that have undergone significant expansions in recent years. The recent golf tournament, fully sponsored by **Eklund Drilling Company, Inc.**, was a great success, and raised \$1,300 for the GSN Foundation through the sale of mulligans with an additional donation of \$400 which the 1<sup>st</sup> Place Team of Lance & Joanne Eklund and Andy & Jill Wallace gave back to the GSN. Thanks to Paul Muto, Ruth Carraher and Bob Felder for organizing a great event. Becoming part of the GSN tradition as well, Doug Silver will give his 5<sup>th</sup> annual summer presentation at Opal Adams' and Rich DeLong's home on August 24<sup>th</sup>. Refreshments will be sponsored by **Enviroscientists**. The family BBQ (October 1, San Rafael Park), and Christmas party are fun events that I encourage you to attend. The monthly meetings, held the third Friday of the month (September through May), will include a variety of talks focusing on geology and minerals exploration, and provide an opportunity to connect with old and new acquaintances. The Elko, Winnemucca, and Southern Nevada Chapters also sponsor talks and field trips, additional GSN activities of great value. The newsletter and emails will continue to inform members of upcoming

events sponsored by GSN and other earth science and natural resource organizations.

Although Dieter's will be a tough act to follow, in the upcoming year we will be working on revising the website, including online membership renewals and publication orders. We will continue to work on improving the quality of publications. In addition, we hope to assist the GSN Foundation in reaching its goal of raising \$250,000 to ensure the continuation of GSN's contributions to education.

Our first membership dinner meeting will be on Friday, September 15, 2006 at the Reno Elks Lodge, and Michel Cuney, a uranium geologist, will present a talk titled "The major uranium districts in the world - past production and prospectivity". See you there!

### **"STORIES FROM THE BULL MARKET OR BULL FROM THE STORIED MARKET"**

Douglas B. Silver,  
*Chairman and CEO of International Royalty Corporation*

#### **ABSTRACT**

The past 12 months has seen multiple influences effecting the gold industry. China, The Iraq War, energy prices, the financial markets, new gold producers, NGOs: A melange of interesting, counteracting and conflicting forces. This presentation will attempt to make rational sense out of this increasingly complex picture in an undistorted, but bias manner in an effort to provide clarity for 2007.

### **TIN CUP TEA & CHUCK WAGON BBQ**

Dust off your western duds and get ready for the seventh and possibly last Tin Cup Tea & Chuck Wagon BBQ on Saturday, September 9<sup>th</sup> at the Governor's Mansion in Carson City. Doors open at 5:00 PM for the silent auction featuring music by National Fiddle Champion Randy Pollard. John Tyson and the Comstock Cowboys return to entertain the crowd outside starting at 6:00 pm. Enjoy the western BBQ provided by Boomtown Hotel & Casino, take pleasure in all kinds of libations, and get your bids in to auctioneer Kenny Guinn during the live auction. Tickets are only \$45 each with all proceeds benefiting the W.M. Keck Earth Science and Mineral Engineering Museum and the Nevada State Museum. For more information, call Rachel Dolbier at (775) 784-4528.

***Thanks to Enviroscientists, Inc. for hosting the May meeting.***

# GSN September 15, 2006 Membership Meeting

**Date:** Friday, September 15, 2006

**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 Thursday, September 14<sup>th</sup>

**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:** Michel Cuney, CREGU, Univ. of Henri Poincare-Nancy, France. "The Major Uranium Districts in the World - Past Production and Prospectivity"

## GSN SPRING FIELD TRIP WRAP-UP, JUNE 10 & 11, 2006

By Ellie Leavitt, Field Trip Leader

The 2006 Spring Field Trip was off to a slightly delayed start while the van rental company looked for the third back seat. Yes, the trip was nearly full with close to 40 participants and 3 drivers transported by vans sponsored by **Golden Odyssey Mining, Inc.** and **Legarza Exploration**, fueled by **Agnico-Eagle (USA) Ltd.**, and support vehicle thanks to **Tom Callicrate**. After meeting up with the rest of our attendees in Lovelock, we headed out to Bunce. As we left town, the lead van made a dramatic corrective action presumably to take a right turn, but we wondered if it was to avoid a moving house. What was in store for the rest of the ride? On to Bunce in the Velvet Mining District. We gathered at an overlook where overviews, distant from both spatial and temporal perspectives, were provided by Richard Bedell who showed remote sensing imagery, and John Muntean who displayed geologic maps created 10+ years ago when Santa Fe explored the area. After examining several key outcrops, we returned to Rattlesnake Knob, via the diatomite pit, and enjoyed an excellent lunch sponsored by **AuEx Ventures, Inc.** In spite of a major rattlesnake warning, many adventurous types trekked around to the other side of the knob to admire reed casts with flowers (or bulbs with roots depending on the latest interpretation) in sinters (or silicified lacustrine sediments). No one went hungry, and no snakes were spotted. On to the Seven Troughs Mining District. Don Hudson led an excellent tour, and has provided summaries of the area in a new road log and paper in the field trip guidebook. These are excellent contributions to GSN's publications, and highly recommended for your libraries. We wound our way up and over a pass, no problems with the hairpin corners. Just as a few jaded geo's had concluded that only bootleggers had made money in the district, Mark Coolbaugh unwrapped his spectacular samples of gold-quartz veins found on dumps in the district (see Don Hudson's article with photos of the gold). Relieved that yet another Au district was more than a myth, we celebrated with cold beer and headed to the Sturgeons Motel. A great buffet, and bar sponsored by **GEOTEMPS, Inc.**, were followed by a talk by Dave John, USGS – an excellent summary of mineralization in west-central Nevada. Almost everyone stayed awake despite the lack of air conditioning; many thanks to Dave for a good summary and promise to present the longer version in the future. After a leisurely start on Sunday, we retraced our route and continued north, with

several stops on the way to Rosebud, and impromptu overviews by Dave Mough and Gene Saucier of the Wildcat and Placerities areas. Randy Vance then led us through the Rosebud area focusing on the stratigraphic section in Rosebud Canyon, and a history of the discovery, mining, and reclamation of the Rosebud deposit. Many thanks go to Randy for his time and efforts in updating the road log and providing a superb tour. Sunday Lunch was sponsored by **Layne Christensen Drilling Company**. From Rosebud, we headed our separate ways, leaving with renewed interest in this geologically intriguing region.

## 18<sup>th</sup> ANNUAL GSN FAMILY PICNIC

The 18<sup>th</sup> annual GSN Family Picnic will be held on Sunday, October 1 at the Highland Pavilion at Rancho San Rafael, Reno, NV, starting at noon and wrapping up around 4:00 p.m. We'll provide the meat, beer, and games; you bring a side dish, a competitive spirit, and possibly a spouse and kids! If you are single, bring a friend! Only \$5 a person and \$10 per family. Please contact Laura Ruud before September 26<sup>th</sup> if you plan on attending and let her know how many will be in your party so we can have enough meat and beer! We look forward to seeing you on October 1<sup>st</sup>.

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# ACTIVITY UPDATE

Mike Brady, June 2006  
www.activityupdate.com

## NEVADA

Gryphon Gold Corp. announced that recent drill results at the Borealis Project include 635-730 feet @ 0.030 opt Au (G-08); 705-880 feet @ 0.070 opt Au (G-09); 950-975 feet @ 0.030 opt Au (G-10); 550-925 feet @ 0.050 opt Au (G-11) and 800-935 feet @ 0.140 opt Au (G-13). (resource = 33,900,000 tons @ 0.045 opt Au, 0.21 opt Ag)

*Press Release: June 13*

Meridian Gold Inc. announced that it acquired an option to earn a 51% interest in the Clover Property from Atna Resources Ltd. for \$635,000 cash and \$3,300,000 in exploration expenditures over 4 years. *Press Release: June 19*

Coral Gold Resources Ltd. announced that recent drill results at the Robertson Property include 75-105 feet @ 0.028 opt Au (CR06-02); 550-595 feet @ 0.185 opt Au (CR06-02); 420-435 feet @ 0.034 opt Au (CR06-03); 605-655 feet @ 0.079 opt Au (CR06-03); 490-675 feet @ 0.053 opt Au (CR06-04); 630-665 feet @ 0.027 opt Au (CR06-05) and 680-755 feet @ 0.102 opt Au (CR06-05). (resource @ Gold Pan = 6,100,000 tons @ 0.028 opt Au; @ 39A = 4,700,000 tons @ 0.077 opt Au; @ Altenburg Hill = 2,100,000 tons @ 0.019 opt Au; @ Porphyry = 20,000,000 tons @ 0.020 opt Au) *Press Release: May 30*

North Range Resources Ltd. announced that it acquired an option to earn a 51% interest in the Bunce Property from AuEx Ventures Inc. for \$15,000 cash as a signing bonus and \$2,000,000 in exploration expenditures over 4 years. *Press Release: June 7*

Coral Gold Resources Ltd. announced that based on recent drill results at the Robertson Project, resources aggregate 12,700,000 tons @ 0.020 opt Au measured+indicated @ the Porphyry Zone; 10,200,000 tons @ 0.044 opt Au measured+indicated and 4,900,000 tons @ 0.039 opt Au inferred @ the 39A/Gold Pan Zone; 3,500,000 tons @ 0.018 opt Au inferred @ Altenburg Zone and 1,008,000 tons @ 0.178 opt Au inferred @ the Distal Zone. (was @ Gold Pan = 6,100,000 tons @ 0.028 opt Au; @ 39A = 4,700,000 tons @ 0.077 opt Au; @ Altenburg Hill = 2,100,000 tons @ 0.019 opt Au; @ Porphyry = 20,000,000 tons @ 0.020 opt Au) *Press Release: May 1*

Tournigan Gold Corp. announced that it acquired an option to earn a 51% interest in the Fireball, JPV and Gypsum Valley properties from AuEx Ventures Inc. for \$35,000 as a signing bonus and \$3,000,000 in exploration expenditures over 5 years. *Press Release: June 20*

Idaho General Mines Inc. announced that it purchased the Hall-Tonopah Property from private interests for undisclosed terms. (resource = 200,000,000 tons @ 0.12% Cu, 0.12% Mo inferred) *P.D.: May 2006*

Atna Resources Ltd.(30%) announced that recent underground drill results at the Pinson/CX West Project include 70-82 feet @ 0.161 opt Au (UGCXW-01); 67.5-70.5 feet @ 0.101 opt Au (UGCXW-02); 98.2-120.1 feet @ 0.132 opt Au (UGCXW-03); 63-64.2 feet @ 0.058 opt Au (UGCXW-04); 272.8-308 feet @ 0.278 opt Au (UGCXW-05); 309-311.5 feet @ 0.278 opt Au (UGCXW-06) and 320-348 feet @ 0.399 opt Au (UGCXW-06). (resource = 1,692,300 tons @ 0.421 opt Au measured+indicated)

*Press Release: June 5*

Hawkeye Gold and Diamond Inc. announced that it acquired an option to earn a 51% interest in the Swiss Bank Property from AuEx Ventures Inc. for \$10,000 cash over 1 year and \$1,000,000 in exploration expenditures over 4 years. *Press Release: June 21*

Silver Quest Resources Ltd. announced that it acquired an option to earn a 51% interest in the Corcoran Canyon Property from Bullion River Gold Corp. for \$290,000 cash, 500,000 shares and \$1,500,000 in exploration expenditures over 3 years. (resource = 518,100 tons @ 13.61 opt Ag, 0.024 opt Au inferred) *Press Release: June 26*

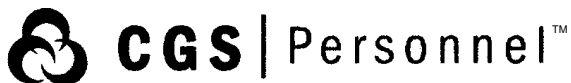
Gateway Gold Corp. announced that it optioned its Jack Creek Property to two individuals (Stanley Keith and Earl Abbott) for \$500,000 in exploration expenditures over 2.5 years. *Press Release: June 5*

Nevada Pacific Gold Ltd. announced that recent drill results at the Keystone Project include 90-160 feet @ 0.66 opt Ag, 0.25% Cu, 0.56% Pb, 0.69% Zn (KSR05-01); 170-180 feet @ 0.87 opt Ag, 0.15% Cu, 1.45% Pb, 1.98% Zn (KSR05-04) and 230-300 feet @ 0.93 opt Ag, trace copper, 0.11% Pb, 0.12% Zn (KSR05-07).

*Press Release: June 14*

U.S. Gold Corp. announced that it temporarily suspended its offer to acquire White Knight Resources Ltd., Nevada Pacific Gold Ltd., Coral Gold Resources Ltd. and Tone Resources Ltd. since it has been unable to satisfy certain regulatory requirements that require the cooperation of the targeted companies. Rob McEwen, CEO of U.S. Gold stated "I am extremely disappointed with the delays that we have encountered and the lack of cooperation that we have received from the other companies and . . . U.S. Gold may reevaluate its intentions should this lack of cooperation continue." *Press Release: June 5*

Midway Gold Corp. announced that recent drill results at the Spring Valley Project include 123-162 meters @ 0.033 opt Au (SV06-171C); 188-208 meters @ 0.027 opt Au (SV06-171C); 296-328 meters @ 0.027 opt Au (SV06-171C); 180-212 meters @ 0.022 opt Au (SV06-172); 189-205 meters @ 0.018 opt Au (SV06-173); 217-233 meters @ 0.020 opt Au (SV06-173) and 282-328 meters @ 0.137 opt Au (SV06-173). (resource = 10,030,000 tons @ 0.024 opt Au measured+indicated) *Press Release: June 12*



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## LIVING & WORKING IN WESTERN MONGOLIA – AN ADVENTURE

By Elizabeth Zbinden

In late April I came to western Mongolia hoping for some interesting geology and a few adventures. Yes, Mongolia has given me both. I am project manager for the Bayan Airag (Golden Hills) project of QGX, Ltd. We do our geology out of a nomad camp, living in gers (Mongolian for yurts). Our office is a cluster of three gers, and there is a two-ger kitchen-dining cluster. We have a satellite internet connection. Even though camp projects all over the Arctic, and ranches all over Nevada, have satellite internet, it still somehow seems magic.

The landscape is remarkably familiar. Hills of bedrock float up out of a sea of alluvium. The hills aren't in anything quite as organized as the ranges of central and northern Nevada, more like the scrambled pods of the Walker Lane. Even the elevation, 4000 to 7000 feet, is homelike. When I arrived I thought I'd come to a place absolutely devoid of chlorophyll, not even any green cactus! But it was just a little early, now there's been a bit of rain and it's good grazing for sheep, goats, cattle, horses, camels. To remind us that it is still a desert, though, there is a dune field about 25 km south of us, and another about 60 km north.

If you have been following international mining politics, you may know that in mid-May the Mongolian parliament passed a severe windfall-profits tax, causing great unhappiness among exploration and mining companies and their investors. The season's exploration plan that had been in place on my arrival came to a screeching halt. High-dollar geophysics and drilling programs were cancelled, and replaced with a program of careful reevaluation of the license holdings. Rock hammer and boot leather prospecting. What a tragedy!

People ask what the food is like in Mongolia. I have not experienced any of the truly peculiar things that the tour books like to scare you with. The camp is run to keep people working, not to give them adventures in eating. So, within the constraints of the ingredients available, the camp cook prepares a variety of foods to accommodate the

expatriates, the big-city Mongolians, and the locals. Some of the sheep and cattle grazing nearby end up on the camp table. One of the more abundant plants out there is something in the onion/garlic family, so the meat comes pre-seasoned. Some foods are popular with all groups. In May our camp cook won a cooking competition in the nearby village. The picture shows one of our drivers, Nasaah, holding one of her winning entries — a cake with the name of the company outlined in frosting.

The big holiday of the Mongolian year is Naadam, in July. It is as important as Christmas/ New Year, but the feel is more like Superbowl or World Cup. It is a celebration of the "Three Manly Arts" — horsemanship, archery, and wrestling. (It is not as sexist as all that. There is a women's division for archery, and both sexes compete equally in the horsemanship. It's just wrestling that is still exclusively a Manly Art.) The big spectator competitions run for three days in Ulaanbaatar, but every town and village has its own competition too, either before or after the event in the capital. Of course we went over to the fairgrounds at the local village, Durvuljin, to check it out.

Horse races are lengthy cross-country events, 10 to 25 km. No five-furlong events on groomed tracks here! The jockeys are boys and girls age eight to sixteen. Here in the village they ride with saddleblankets but no actual saddles or stirrups. They do the course twice, in effect: Start at the fairgrounds, walk or trot in a group out to the starting line, then turn and race back. Another of our drivers, Choidok, had horses in a couple of the races, ridden by his son and his nephew. The Little League Dad is alive and well in Mongolia. We filled the Toyota land cruiser with Choidok and me and his wife and daughters and the owners of another two horses, and set out to be sideline coaches. We met the fifty-some horses on their way to the starting line. He used the land cruiser like a herd dog, to keep the group together and urge them to hurry on. Then, when the race itself started, we wheeled around and the encouragement started. "Go! Go! Pace yourself, not too fast at first! Watch out for that ditch! Go! Now sprint!" There were three or four other vehicles doing the same thing. Guess we had the best cheering section, because Choidok's son came in third in one race, first in another (on different horses).



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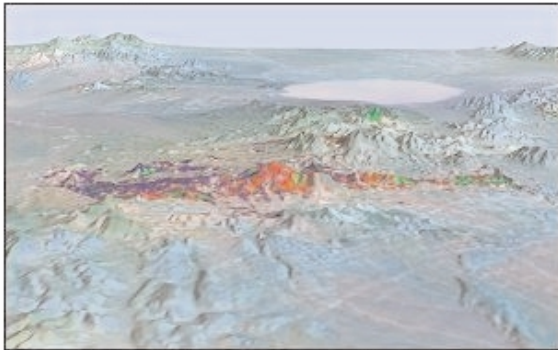
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## GSN GOLF TOURNAMENT WRAP-UP

On Saturday, July 15, 2006, ninety-three GSN members and guests gathered at Washoe County Golf course to hit small white balls as few times as possible for adulation and humiliation. The day was warm, the drinks were cold, and the BBQ by Aunt Sticky's was delicious. Many thanks go to **Lance Eklund of Eklund Drilling Company, Inc.** for once again, fully sponsoring this tournament and for a great selection of prizes. **Cami and Neil Prenn of Mine Development Associates** came through again with a donation of Great Basin Brewing Company beer. Thanks Cami and Neil!



**Team Eklund #2  
and Friends -**

**Kyle Eklund,  
Marty Dennis,  
Debbie Dennis  
(moral supporter  
and #1 Fan),  
Paul Tietz and  
Don MacKerrow.**

Something new this year... The Tournament was used as a fundraiser for the GSN Foundation. Mulligans (this is when you redo a poor shot) were available for players to purchase and over \$1,300 was raised from the sales. In addition, the winning team of Lance & Joanne Eklund, and Andy & Jill Wallace donated their prize of \$400 back to the Foundation. Great day!!

We would also like to acknowledge the following people for their help in organizing the event and making it run smoothly this year:

Marty Dennis  
Debbie Dennis  
Ruth Carraher  
Paul Muto  
Bob Felder  
Laura Ruud  
Eric Ruud  
John Lukens  
Cheryl Lukens

Nancy Wolverson for watching for the elusive hole-in-one on number 10.

### List of winners:

**1st Place Team** – Lance Eklund, Joanne Eklund, Andy Wallace and Jill Wallace

**2nd Place Team** – Alan Coyner, Dale Johnson, Sam Monteleone and Laura Ruud

**3rd Place Team** – Boise Hall, Judy Hall, Bob Wheatley and Jane Wheatley

**Last Place Team** – Pam Klessig, Ellie Leavitt, Jim Leavitt and Carol Richter

**Longest Drive Men (2 Holes)** – Dale Johnson and John Thiel

**Longest Drive Women (2 Holes)** – Cheryl Lukens and Jane Wheatley

**Closest to Hole Men (3 Holes)** – Marty Dennis, Dale Johnson and Kevin Thomas

**Closest to Hole Women (2 Holes)** – Beth Krewedl and Julie Osendorf

Many others were winners in the raffle drawing at the end of the day! Fun was had by all. Thanks again Lance & Joanne, Marty & Debbie, and the rest of the crew at Eklund Drilling!

### Winners of 3rd Place -

**Jane and Bob Wheatley,  
Judy and Boies Hall.  
Boies is showing off his  
prize-winning neon  
yellow ball.**





# GSN MEMBERS' PERSONAL NOTES & NEWS

## Career Related Moves

► Elizabeth Zbinden has accepted a position with QGX Ltd., managing their Bayan Airag (Golden Hills) project in Zavkhan Province in western Mongolia. See article on her experiences on page 5.

## Deaths

► **Keith G. Papke**, age 82, long time Nevada resident, renowned industrial minerals geologist and Honorary Member of GSN, passed away peacefully on July 17, 2006, following a courageous battle with cancer.

He was born February 5, 1924, in Mankato, Minnesota where he grew up. He served in the U.S. Army as a rifleman in Europe during World War II. For bravery during the Battle of the Bulge and other operations he earned the Purple Heart, Bronze Star, and Combat Infantry badge.

In 1948 he received a BS in Geology from the South Dakota School of Mines and an MS in Geology from the University of Arizona in 1952. From 1952 to 1966, he was employed as an exploration geologist by several Western mining companies, including Phelps Dodge Corp., American Smelting and Refining Co., Southern Pacific Co., and Standard Slag, Co.

In 1954, Keith married Ruth Schwartz in Tucson, AZ, his beloved wife and companion of 52 years. They moved to Reno in 1961.

From 1966 to 1986, he was employed as an industrial-minerals geologist by the Nevada Bureau of Mines and Geology at the University of Nevada. He was named Emeritus Professor in 1986. He was recognized as a Distinguished Member of the Society of Mining Engineers (SME) in 1993 and Legion of Honor Member of AIME in 1996. In 1992 he received the Hardinge Award, the top honor given by the Industrial Minerals Division of SME. He was also a member of the Society of Economic Geologists and the Clay Minerals Society.

During his long career he authored or co-authored more than 60 technical publications on industrial minerals and geology. He was universally considered the foremost expert on Industrial Minerals in the state of Nevada. His range of expertise extended from abrasives to Zeolites. Some of his more notable publications included those on Nevada barite, gypsum, clays, evaporates and brines, talc and fluorspar. He was also noted as the author of Mining Claim Procedures for Nevada Prospectors and Miners. He was an Associate Editor for the recently completed 7<sup>th</sup> Edition of SME's Industrial Minerals & Rocks.

Keith touched many of our lives, not only professionally but personally as well. He was a mentor and great friend to many of us. He will be missed.

Since his retirement Keith also was an active docent at the Plumas Eureka State Park in Johnsville, CA where he also contributed many hours mapping and writing reports on the history, geology and mining aspects of the region.

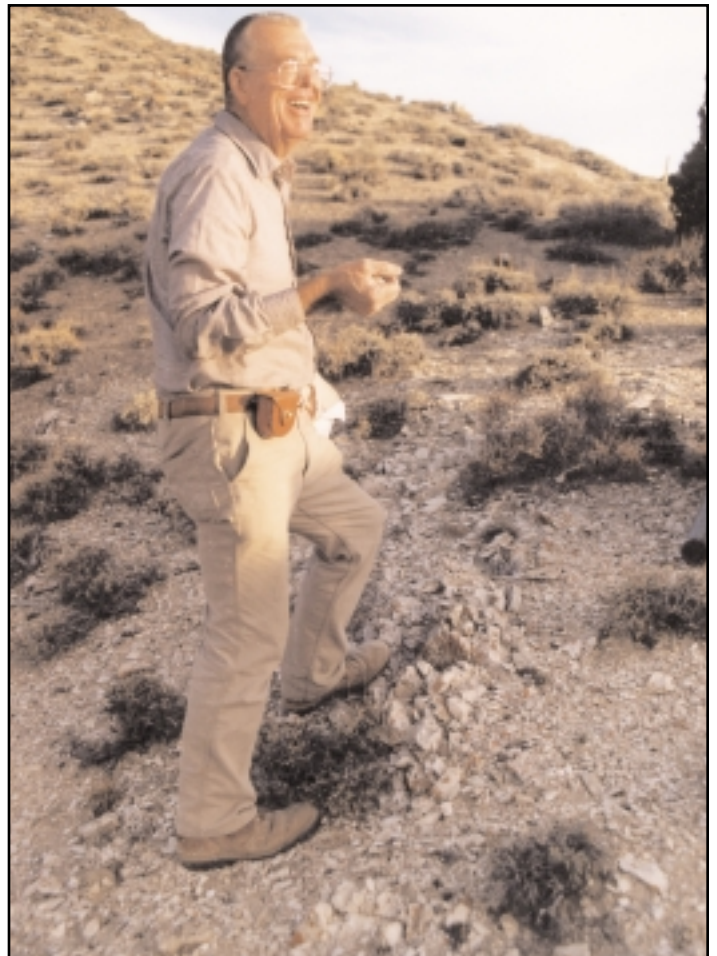
He is survived by his wife, Ruth, his son and his wife, Brian and Susan Papke of Sugar Land, TX; his daughter and her husband, Louise and Michael Mann of Renton, WA; five grandchildren and brother Howard Papke of Silva, NC.

A memorial service for Keith was held Friday, July 21<sup>st</sup> with private inurnment at the Veterans Memorial Cemetery in Fernley Nevada.

An endowment fund has been established at the Nevada Bureau of Mines and Geology at UNR to assist students and to support other activities. Mail donations to Terri Garside, Nevada Bureau of Mines & Geology/MS 178, UNR, Reno Nevada 89557 with checks made out to the Keith G. Papke Fund, UNR Foundation.

(Modified from obituary prepared by the Papke Family that appeared in the Reno Gazette-Journal July 19, 2006)

*Dennis Bryan*



**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](mailto:gsn@mines.unr.edu) by the 21<sup>st</sup> of each month.**

# 2006/2007 G.S.N. EXECUTIVE COMMITTEE OFFICERS AND CHAPTER OFFICERS

*Thank you for volunteering and thank you to the companies that support you!*

## 2006-2007 Executive Committee

Ellie Leavitt, President  
*Western Energy Development Corp.*

Greg Hill, Vice President  
*Harvest Gold Corp*

Leslie Olmstead, Secretary  
*Agnico-Eagle (USA) Ltd.*

Cami Prens, Treasurer  
*Mine Development Associates*

Greg French, Membership Co-Chair  
*Consulting Geologist*

Opal Adams, Membership Co-Chair  
*Enviroscientists, Inc.*

Marilyn Miller, Publications Co-Chair  
*Consulting Geologist*

Debbie Schneider, Publications Co-Chair  
*Schneider & Schneider Assoc.*

Rachel Dolbier, Education Co-Chair  
*Keck Museum, University of NV, Reno*

D.D. LaPointe, Education Co-Chair  
*NV Bureau of Mines & Geology*

## 2006-2007 Elko Chapter Officers

Richard Reid, President  
*Newmont Mining Corporation*

Nancy Johnson Richter, Vice-President  
*Cortez Gold Mines*

Sam Borque – Secretary  
*Newmont Mining Corporation*

Brian Cellura – Treasurer  
*Miranda Gold Corp.*

Jay Olcott, Membership Chair  
*Barrick Goldstrike Mines Inc.*

## Southern Nevada Chapter Officers

Bruce Hurley, President  
*US Dept. of Energy, National Nuclear Security Administration*

Jean Cline, Vice President  
*UNLV Department of Geoscience*

Joseph Kula, Secretary  
*UNLV Graduate Student*

R. Paul Bowen, Treasurer  
*R.P. Bowen Engineering Inc.*

## Winnemucca Chapter Officers

Ivan Johnston, President  
*Newmont Mining Corporation*

John Marma, Vice President  
*Newmont Mining Corporation*

John Balagna, Secretary  
*Glamis Marigold Mining Co.*

Anna Gilmore, Treasurer  
*Newmont Mining Corporation*

## UPCOMING EVENTS

**Aug 9-11, Wed-Fri** – Northern NV Minerals Education Workshop put on by the NV Mining Association. Western NV Comm. College, Carson City, NV. Contact Alexis Miller at 775/829-2121 or [amiller@nevadamining.org](mailto:amiller@nevadamining.org).

**Aug 12-13, Sat & Sun** – SEG Workshop – “Gold deposits: New Developments and Exploration” being held in Antofagasta, Chile immediately following the XI Chilean Geological Congress. Speakers: Richard Goldfarb, Noel White, Craig Hart and Steve Garwin. Contact: Steve Garwin ([steve.garwin@geoinformex.com](mailto:steve.garwin@geoinformex.com))

**Aug 17, Thurs** – ELKO CHAPTER MEETING: Dave Caldwell or a staff geologist from Golden Phoenix Minerals will give a presentation. The courtyard of the Duncan Littlecreek Gallery & Gallery Bar. (The DLC Gallery is located across the parking lot from the Western Folklife Center, 516 Commercial St.) This informal meeting will have the same casual format started last year with a BBQ/beer-fest. For more information contact Richard Reid, Elko President, 775/778-3912.

**Aug 18, Fri** – GSN BOARD OF DIRECTORS MEETING: 2 pm, 4600 Keitzke Ln, Reno NV.

**Aug 24, Thurs** – 5<sup>th</sup> ANNUAL DOUG SILVER SUMMER SERIES: Doug Silver, Chairman and CEO, International Royalty Corp. Title: “Stories from the Bull Market or Bull from the Storied Market”. Drinks/Burgers/Hot Dogs – 5:30 pm, talk – 7:00 pm, discussion –

8:00 pm. Opal Adams and Rich DeLong’s home, 9484 Spearhead Way, Reno, NV. Sponsors: Enviroscientists, Inc. and Mine Development Associates. Please bring a lawn chair and side dish to share. Call Laura at 775/323-3500 for more information.

**Aug 31-Sept 9** – Short Course on Ore Deposits Mapping - “Yerlington porphyry and skarn mapping exercises and field trip of ore-forming systems in the Great Basin”. Contact Lowell Program in Economic Geology: [Seedorff@geo.arizona.edu](mailto:Seedorff@geo.arizona.edu), [lzurcher@geo.arizona.edu](mailto:lzurcher@geo.arizona.edu). Or <http://econ.geo.arizona.edu/modules/>

**Sept 7-9** – NV Mining Association Annual Convention. Lake Tahoe Hyatt – Golf Tournament at the Championship Course at Incline Village. For information call 775/829-2121.

**Sept 15, Fri** – GSN MEMBERSHIP MEETING: Michel Cuney, Title: “The major uranium districts in the world - past production and prospectivity”. Reno Elks Lodge, 597 Kumble Ln, Reno, NV. Drinks at 6 pm, dinner at 7 pm, talk at 8 pm. Contact Laura Ruud for reservations, 775/323-3500 or [gsn@mines.unr.edu](mailto:gsn@mines.unr.edu).

**Oct 1, Sun** – GSN 18<sup>th</sup> ANNUAL PICNIC – Rancho San Rafael Park, Highlands Pavilion, Noon to 4 pm. Mark your calendars!

**Oct 17, Tues** – SME’s Northeastern NV Section Technical Conf. “2006: A Golden Year”. Elko Convention Center, Elko, NV. Visit <http://www.smenet.org/SCRD/SCRDInfo.cfm?BUID=71>

# 2006/2007 GSN ORGANIZATIONAL CHART WITH DUTIES OF THE BOARD OF DIRECTORS AND EXECUTIVE COMMITTEE

## GSN CONSTITUTION

### GSN Board of Directors

Current GSN President  
Ellie Leavitt

Most Recent Past GSN President  
Dieter Krewedl

Elko Chapter President  
Richard Reid

Southern Nevada Chapter President  
Bruce Hurley

Winnemucca Chapter President  
Ivan Johnston

Six Past Officers of GSN or  
Chapters are elected for staggered  
three year terms

Class A, 2006-2009  
Fred Breit, Steve Green

Class B, 2005-2007  
David Caldwell, Eric Ruud

Class C, 2005-2008  
Dave Shaddrick,  
Richard DeLong, Chairperson

Audit Committee  
w/ GSN Treasurer

Nominating  
Committee

Fiscal Committee

Rules Committee

Symposium  
Committee

Foundation  
Committee

### 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 BYLAWS

### GSN Executive Committee

President  
Ellie Leavitt

Vice President  
Greg Hill

Secretary  
Leslie Olmstead

Treasurer  
Cami Prens

Membership Co-Chairs  
Greg French, Opal Adams

Publication Co-Chairs  
Marilyn Miller, Debbie Schneider

**GSN Office Mgr.**  
Laura Ruud

**Committees**

**Education  
Co-Chairs**  
D.D. LaPointe  
Rachel Dolbier

**Website Chair**

### 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

### GSN Members

Chapter Bylaws  
Executive Committee  
Elko Members  
Winnemucca Members  
Southern Nevada Members

### GSN 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

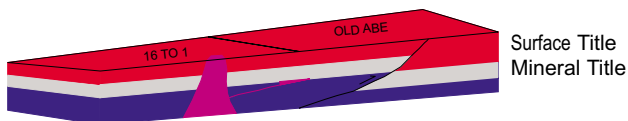


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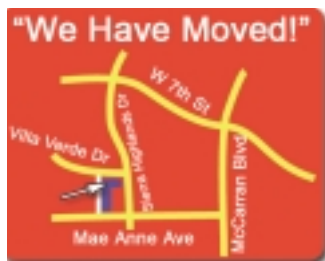
## GIS Land Services

Greg Ekins M.S. R.L.P. #32306 President  
Mineral Landman - GIS Cartographer



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- Geo Chem
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- Arc Map
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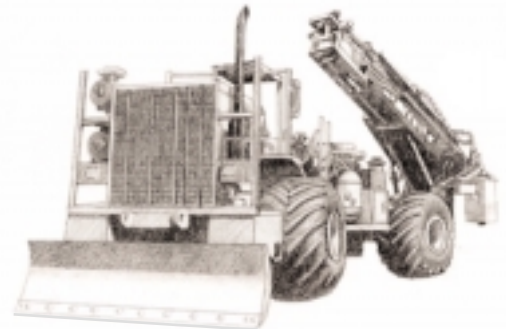


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