GEOLOGICAL SOCIETY OF NEVADA NEWSLETTER

Geological Society of Nevada, PO Box 13375, Reno, NV 89507 (775) 323-3500

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CALENDAR OF GSN EVENTS

March 11 Wednesday

WINNEMUCCA CHAPTER (Every 2nd Wednesday of the month) The monthly meeting will be held at the Martin Hotel, 94 West Railroad Street.

Drinks and appetizers at 6:30 PM, speaker at 7:00 PM. Sponsor for the evening will be Boart Longyear. Speaker for the evening will be Jim E. Essman, Newmont Exploration. His talk will be titled "The Eocene Conspiracy: What The Rocks Don't Want You to Know". (see abstract on page 8). For more

information contact John Marma at (775) 635-6472.

March 19 Thursday

ELKO CHAPTER (Every 3rd Thursday of the month)

The monthly meeting will be held at the Western Folk Life Center, 501 Railroad Street. Refreshments at 5:00 PM, Dinner at 6:00 PM, talk at 7:00 PM beginning at 6:00 PM, speaker at 7:00 PM. Sponsor for the evening to be

announced. Speaker for the evening to be announced. For more information contact Moira Smith at (775) 934-2987.

March 20 Friday

GSN MEMBERSHIP MEETING (Every 3rd Friday of the month)

The monthly meeting will be held at the Reno Elks Lodge, 597 Kumle Lane, Reno, NV. Drinks at 6:00 PM, dinner at 7:00 PM, and talk at 8:00 PM. Sponsor for the evening will be Ruen Drilling Inc. (Jon Carpenter). Speaker for

the evening will be Richard Harris, Harris & Thompson. His talk will be titled "Mining Law: Myths and Realities". (see abstract on page 3). Dinner reservations must be made by 1:00 PM Wednesday, March 18th. Contact Kathy

Sestanovich at (775) 323-3500 or e-mail gsn@gsnv.org for reservations.

March 26 Thursday

SOUTHERN NEVADA CHAPTER (The last Thursday of the month)

The monthly meeting will be held at 6:45 PM. Speaker for the evening to be announced. Sponsor for the evening to be announced. For more information

contact Josh Bonde at (702) 468-2500.

FROM THE PRESIDENT

Marcus Johnston, GSN President 2008-2009

February did not fail to deliver long-awaited snow and rain across Nevada, which curtailed exploration and development activities even at the lower elevations. The immediate outlook does not suggest an increased pace in March or April, as indicated by the number of drill rigs parked in lots across the state and assay laboratories competing with one another for the limited available business. But, there is a definite change in the wind that may mean activity heating up with the weather in May and into the summer months. As I write this, gold has just passed the sevenmonth high, and likely will test the all-time high of \$1,003 an ounce, hit one year ago. With natural resource-focused websites littered with headlines like "Gold Feeding Frenzy as Economy Worsens," and "Gold Soars on Fears over Global Banking Crisis," it is clear that uncertainties in various markets and economies are driving investors back into gold. There has also been a recent positive shift in the availability of funds for certain exploration and mining companies working in Nevada and elsewhere, which could soon expand to other existing and newly created companies. (Continued on page 2)



News and Announcements

(Continued from page 1)

In the meantime, the slowed pace presents an opportunity for many of us to catch up on the latest research pertaining to Nevada geology and ore deposits in general. The February meeting in Reno lent itself to this purpose, with short presentations from three students from the University of Nevada – Reno. Jessica Smith, Dan Sturmer, and Lucia Patterson gave talks on the Adanac molybdenum property in Canada, a discussion on carbonation of mafic rocks still working its way through my feeble brain, and the Jerritt Canyon district in Nevada, respectively. Such work proves a capable crop of young scientists is ready to step into needed roles in various fields in Nevada and elsewhere.

Kevin Creel is the March 'Face' of GSN. Those who have worked out of Elko with Kevin, at Newmont, Placer Dome, and/or Barrick properties, already know that this understated geologist and engineer is one of the most gifted of the relatively few "Gen-X" crop of workers that fill a large gap between the "over-50" and "under-30" groups. Kevin's abilities are matched only by his humility and willingness to work under the radar in an industry more commonly frequented by "look at me" climbers.

March brings a major shift in speaker topics, as Richard Harris will provide details of the Mining Law of 1872 that may have many of us leaving for our claims and/or appropriate state and federal government offices either just after the talk, or early Monday morning. I am looking forward to witnessing the audience reactions during his talk, and also to catching up with many friends and partners over a glass of wine or two. See you then.

Stay safe, Marcus

Thank you to our generous donors GSN FOUNDATION

GOLD LEVEL DONORS \$500+

SILVER LEVEL DONORS \$100-\$499

BRONZE LEVEL DONORS \$1-\$99 Curt P. Dechert Aziz Tejan-Jalloh

STUDENT DINNER FUND

Lindsay D. Craig

UPCOMING EVENTS

- Mar. 18 MapInfo/Discover Users Group Meeting
 Silver Legacy Silver Baron Room 2 at 6:00-8:00 PM,
 to explore the idea of forming a MapInfo / Discover
 Users Group. See page 7 for details.
- April 3 Mackay Geology Seminar
 David A. Johnson, Bronco Creek Exploration, Inc.,
 "Jurassic Copper-Iron Deposits of Nevada.
 3:00 PM, Room 353, Laxalt Mineral Research Building,
 University of Nevada. Reno.
- April 17 8:30 AM 4:30 PM University of Nevada Las Vegas 4th Annual GeoSymposium Keynote talks & Geoscience student presentations in the Blasco Event Wing of the UNLV Foundation Building 4:15 PM Reception & Silent Auction, in the Lilly Fong Geoscience Building.
- April 18 8:30 AM 5:00 PM University of Nevada, Las Vegas 4th Annual GeoSymposium Field Trip to Arrow Canyon and Valley of Fire State Park.

See the GeoSymposium website for registration and additional details. http://geoscience.unlv.edu/GeoSymposium/GeoSymposium.htm

- May 8- GSN 2009 Spring Field Trip
- May 10 Diverse Gold Deposits of the Osgood Moun tains and Humboldt Range, North-Central Nevada:
 Pinson-Getchell-Turquoise Ridge and Spring Valley-Lincoln Hill-Wilco. See page 11 for details.
- June 27 GSN Golf Tournament (Lakeridge Golf Course) -Hosted by Inspectorate America Corporation. Tee time will be at 1:00 PM and dinner will be at 6:00 PM. See page 7 for more details.

MapInfo/Discover Users Group Meeting Reno, Nevada

There will be a meeting on March 18th at the Silver Legacy – Silver Baron Room 2 at 6-8pm to explore the idea of forming a MapInfo / Discover Users Group. The focus of the group would be to support those using MapInfo and Discover products. The Users Group would provide opportunities for members to get together to network, exchange ideas, learn technical tips, share knowledge about applications, data, and services, etc. The success of the Users Group is based on everyone's involvement. Please join us on March 18th and let us know what topics would be of interest to you. If you cannot attend the meeting, but would like to be involved, please contact Barbara Carroll at 520 744-4457 or geografx@sprynet.com

Thanks to Harris Drilling Services for hosting the February meeting

GSN March 20, 2009 Membership Meeting

RESERVATIONS ARE REQUIRED

GSN CAN NO LONGER GUARANTEE DINNER SEATING WITHOUT AN ADVANCED RESERVATION.

Please call 775-323-3500, Fax 775-323-3599 or e-mail gsn@gsnv.org by 1:00 PM, Wednesday, March 18, 2009.

Social Hour: 6:00 PM – Dinner: 7:00 PM – Speaker: 8:00 PM

Location: Elks Lodge, 597 Kumle Lane, Reno, NV Directions: Across (W) from the Reno-Sparks Convention Center (S. Virginia Street, behind the Les Schwab Tire Center

MINING LAW: MYTHS AND REALITIES

Richard W. Harris, Mining Attorney Harris & Thompson, Reno, Nevada

There continue to be many questions and misconceptions regarding the Mining Law of 1872 and its implementing regulations. When, exactly, do mining claims become void because of failure to pay annual maintenance fees? What is the effect of a late recording (or no recording) in Nevada of an Affidavit and Notice of Intent to Hold? What are the common "traps" associated with a Small Miner's Exemption? Can a mining company locate valid lode claims over an existing placer claim without consent? These and other issues will be examined by Richard Harris, a long-time Reno mining attorney.

GSN Needs Office Furniture

The GSN office will be moving from the UNR campus in April 2009 to the NBMG's Great Basin Science Sample and Records Library building located on the Desert Research Institute campus

The GSN is in the need of furniture for our new office on the DRI campus. If anyone has the following furniture they are willing to donate to GSN, we would appreciate your help:



2 Letter size 4-drawer file cabinets or tall lateral file cabinet 1-Letter size 2-drawer file cabinet Large supply cabinet 2-3 tall bookcases 1-2 credenzas Guest chairs



GSN Needs Volunteers

GSN is also looking for volunteers to help with the move in April. We don't have a firm date yet, but when that is available we will let you know.



Please contact Kathy at the GSN office at 775 323 3500 or via email at gsn@gsnv.org.

FACES OF GSN

Kevin Creel, Elko, Nevada Chief Geologist, Exploration, Barrick Cortez

As a starting point for my personal history, I thought back to when I first learned of the GSN. It was at Colorado School of Mines in 1993 or 1994; I found several GSN Symposium volumes while researching Carlin-style mineralization for an Applied Mineral Exploration course taught by Dr. Graham Closs. At the time, the quality of the discussion within was notable given the hands-on experience of the numerous contributors and the in-depth description of the various deposits presented within. Looking back, the symposium volumes are an incredible set of references that capture a unique piece of exploration and mining history ... an evolving story of Carlin-style gold deposits as documented by the applied scientists that looked for, found, studied, and develop these world class deposits.

Since discovering GSN, I have had the good fortune to work in the field I studied with the majority of my efforts focused in Nevada. My interest in rocks and discovery are rooted in childhood. My dad, a fellow geologist, hooked me the same as he had been hooked in his youth, by collecting rocks. I pursued that passion by seeking a Geological Engineering degree with an emphasis on mineral exploration and after the first year of study found a summer job as a field assistant at the U.S. Bureau of Mines. There I worked throughout the western US with talented group of geologists at the Resource Evaluations Branch for several summers and any other time my schedule permitted. That opportunity continued until the early stages of the Bureau's closure in 1994. Shortly before graduation I joined BHP Minerals as an exploration geochemist. Again I worked with a talented and motivated team, this time all geochemists, researching, developing, and applying new technology in support of BHPs global exploration efforts. In 1997, I married a fellow GSN member and geologist (we actually met in school around the time I first discovered GSN as noted above). Following our wedding, I moved to Nevada. There I worked underground at Newmont's Deep Star, Deep Post, and Chukar Footwall underground mines, again with a group of talented professionals. I also completed a short-term assignment as an exploration geochemist and facilitated a continuous improvement effort at the Twin Creeks Mill. In 2005, the opportunity to be part of the team advancing Cortez Hills presented itself and I joined Placer Dome. Barrick acquired Placer less than a year later and I continue exploring the opportunities at Cortez with the Barrick team.

My family provides a balance to the rigors of work. We enjoy traveling and outdoor adventures among our more typical family pursuits. On occasion, I escape to the Nevada wilderness to enjoy fresh powder and chase elusive deer.

I have been on or presented at numerous GSN fieldtrips and functions, attended the last two GSN-organized symposiums, attend many presentations and social events organized by the local Elko chapter of the GSN, and keep up-to-date and informed by reading the GSN newsletters and symposium volumes. Needless to say, I find being a member an enriching experience. Thanks to all those individuals who have volunteered their time to build and maintain such a positive and progressive organization. And thanks to the many mentors, co-workers, and professional colleagues that I have had the good fortune to get to know through the years.

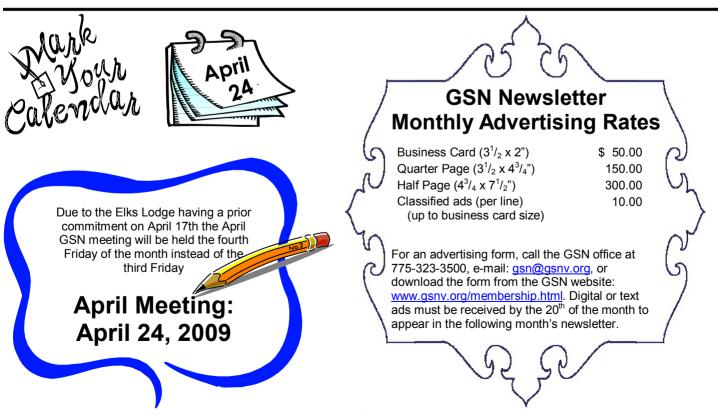


GSN BOARD OF DIRECTORS FEBRUARY QUARTERLY MEETING

The quarterly meeting of the GSN Board of Directors was held on February 20 in Reno, Nevada. The purpose of the eleven member Board is to provide the overall direction of GSN, manage our investment funds, provide institutional memory, and promote communication between the GSN "mother-ship" and its three Chapters in Winnemucca, Elko and Las Vegas.

Highlights of the reports from the six Board Committees include the following:

- The Fiscal Committee again reported a net loss in the total value of the GSN Investment Accounts although there was a slight recovery over the previous quarter. Dividends are also lower than projected.
- The Policy Committee led discussions on new procedures for nominating GSN Honorary Members for the Board and the Executive Committee to consider. Final recommendations will be made before the next quarterly meeting in May.
- The Nominating Committee submitted names of candidates to the Board of Directors to fill positions beginning in June for the 2009-2010 Executive Committee, Board of Directors (Class A) and the GSN Chapter organizations. Candidates for the 2009-2010 Executive Committee and the Board of Directors (Class A) will be announced in the April GSN newsletter followed by an electronic ballot sent out to all GSN members during the first week in April. Election results will be announced in May
- The Audit Committee will complete an internal audit of the financial records of the GSN and its Chapters by the next quarterly meeting in May.
- The Symposium Committee represented by Nancy Wolverson submitted a budget and reviewed the status of the planning for the 2010 GSN Symposium. Plans are to hire a secretary for the Symposium in the near future. Office space will be provided by the Nevada Bureau of Mines in their new building at DRI.
- The Foundation Committee reported the Foundation's Treasury increased to \$266K thanks to the successful Christmas raffle and
 the generous contributions of the GSN membership. The Board approved Roger Steininger to be Chairman of the GSN Foundation for 2009-2010 and expressed their appreciation for his efforts.
- GSN members are encouraged to go to the GSN web site at www.gsnv.org to learn more about the activities of the GSN and, in particular, the Board of Directors, the Executive Committee, the Foundation, and its Chapters.
- The next Board meeting is scheduled for May 15 in Reno. The Board appreciates input from the GSN members on any issues they want to be discussed or are currently under consideration.



HISTORIC NEVADA SANBORN MAPS

Now available online at the Delamare Library

516 full-color Sanborn maps of 28 Nevada towns are now available on the historic Nevada in Maps site: http://www.delamare.unr.edu/maps/digitalcollections/nymaps/sanborns

This set includes all identified Sanborn maps of Nevada between 1879 through 1923. These town maps are often the only cartographic documentation of early Nevada towns and reflect the western settlement history of this state, often based on the mining industry. The colors on the map are significant, not specifically for esthetic reasons but because they indicate the nature of the building [frame, brick, stone, etc.] and are an indication of the development of towns in Nevada. The nature of many businesses as well as proprietary names are abundant on these detailed maps.

The presentation explains the nature of these maps and demonstrates the use of historic photos in coordination with the maps. Most maps are fully viewable with JPEG, TIFF and Djvu file versions, in addition to the JPEG2000 default display.

The INVENTORY [on the web site] of all identified Nevada Sanborn maps lists the libraries [within NV and other institutions] who own Sanborn maps and type of map [original, microfilm, online.] Sanborn maps have been available in black and white microfilm in various libraries in NV as indicated in the Inventory. The University of Nevada, Reno also subscribes to an online edition [based on the black & white microfilm] available to Nevada affiliated patrons or from within a university library.

No location owns a complete set of Nevada Sanborn maps in any combination of formats but this online edition offers the first and most complete full-color set available to all via the web.

The Nevada in Maps site also presents other historic series http://www.delamare.unr.edu/maps/digitalcollections/nvmaps/search.html

Linda Newman, Geoscience & Map Librarian, project director Glee Willis, Digital Projects Librarian Vicki Toy-Smith, Metadata Librarian Justin Blum. Web Development Librarian

Paper copies of the publications listed above will be available soon through our shopping cart at: http://www.nbmg.unr.edu/sales.htm or you may order *right away* by calling us at (775) 682-8766.

NEW PUBLICATIONS & MAPS

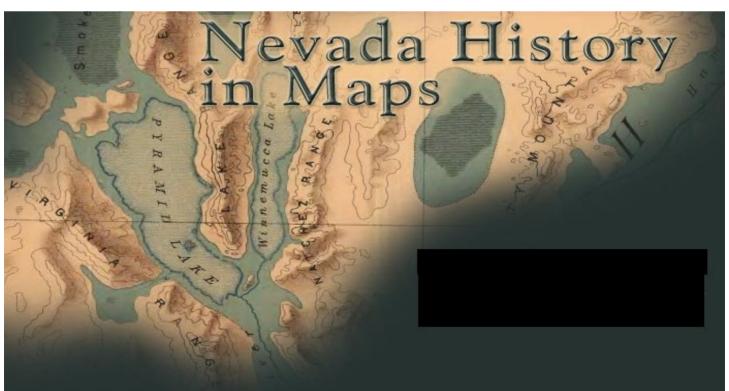
Now available online at the Nevada Bureau of Mines and Geology

M167 – Quaternary faults in Nevada, by Craig M. dePolo, scale 1:1,000,000, **\$18.00**, rolled or folded, or *free on the Web* at: http://www.nbmg.unr.edu/dox/m167.pdf

OF08-3 - Preliminary geologic map of late Cenozoic deposits in the Spirit Mtn. SE Quadrangle, Clark County, Nevada and Mohave County, Arizona, by P. Kyle House, Amy L. Brock, and Philip A. Pearthree, scale 1:24,000, **\$15.00**, rolled or folded, or *free on the Web* at: http://www.nbmg.unr.edu/dox/of083.pdf

OF08-5 - Preliminary geologic map of the north half of the Spirit Mtn. NW Quadrangle, Clark County, Nevada and Mohave County, Arizona, by P. Kyle House and James E. Faulds, scale 1:24,000, \$17.00 for map and 4-page text, or \$16.00 for map only (OF08-5m), rolled or folded, or free on the Web at: http://www.nbmg.unr.edu/dox/of085.pdf

OF08-6 - Biennial report of the Nevada Bureau of Mines and Geology, 2008, by Jonathan G. Price, 94 pages, **\$33.00**, or *free on the Web* at: http://www.nbmg.unr.edu/dox/of086.pdf





Attention Golfers!!









Inspectorate America Corporation is pleased to announce sponsorship of the GSN Annual Golf Tournament 2009 on Saturday, June 27th. Tee time will commence at 1:00 p.m. with a "Shotgun Start" at Lakeridge Golf Course. The tournament is restricted to the first 100 people to enter, so sign up early! Deadline for reservations is Friday, June 19th. You may call Kathy at the GSN office (775) 323-3500, fax (775) 323-3599, or e-mail gsn@gsnv.org to sign up individually, or as a foursome. A fee of \$35.00 per head that will include golf, dinner, and two drink coupons and \$5.00 per head for those not golfing will be charged. Mulligan's may be purchased at 4/\$20.00 with a limit of four per person. Dinner will follow the tournament and raffle tickets for prizes will be sold at 5/\$20.00 or \$5.00 each. All proceeds raised are to benefit the GSN Foundation. Please join us for a great time and we thank you in advance for supporting the GSN Foundation.

Please provide the following information for each golfer and guest:

(
INSPECTORATE	

Registration Form					
Name:		Ave. Score:			
Address:					
Phone:	_ E-mail				
Teamed with:					
BBQ Guest Name(s):	(8)				
\$35.00 Per golfer \$5,00 Dinner charge for non-golfer	Ar	mount included with this form: \$			
Paid with Check #	Visa□ Ma	asterCard Expiration Date:			
Credit Card #		3-digit Security Code:			
Payment must be made by June 19, 2009 No refunds after June 19, 2009					
		3-3599 or mail to GSN office: 507 or email to gsn@gsnv.org			

THANKS TO INSPECTORATE AMERICA CORPORATION

For Sponsoring the GSN Annual Golf Tournament - 2009

GSN Winnemucca Chapter Meeting March 11, 2009

"The Eocene Conspiracy: What The Rocks Don't Want You to Know"

Jim E. Essman, Newmont Exploration

In recent years, Carlin-type gold deposits have been spatially, and in some cases temporally, linked with magmatic centers of late Eocene age. As a result a widely accepted genetic model has emerged wherein any gold deposit exhibiting Carlin characteristics must, by definition, be associated with an intrusion of late Eocene age. In cases where a spatial or temporal link to late Eocene magmatism has not been documented the association/ age is usually implied. Also in recent years, several workers have documented the seemingly ubiquitous presence of contractional features, such as anticlines and thrust faults, and their role in controlling mineralization in Carlin-type deposits. The contractional features are inherently difficult to date, due to the fact that in most cases the youngest rocks available to determine the structures relative ages are Jurassic. As a result, the role these contractional features played in an assumed Eocene age mineralizing event remains a matter of debate. Never-the-less, thrust faults and folds are important controls. Could it be that contraction and magmatism were penecontemporaneous in Nevada during the Eocene? Perhaps mineralization occurred during the waning stages of a contractional event that transitioned into the onset of magmatism and extension? Could it be that late Cretaceous and early Eocene contraction related to gold mineralization has gone unnoticed because sedimentary rocks that would record this deformation are sparse or absent in most major gold districts, or they have been misidentified? Perhaps we are trying too hard to fit our observations into a model instead of letting them lead us in new directions.

New observations in the northern Piñon range suggest that probable late Cretaceous, and potentially early Tertiary contraction was far more abundant than previously recognized. This talk will examine new field observations, crosscutting relationships and structural data from the northern Piñon range with a focus on the southern terminus of the Carlin Trend; these data suggest that contraction and mineralization may have potentially overlapped in time.



Become a GSN Member today!

Membership Application can be found on the GSN website:

www.gsn@gsnv.org/membership.html

Thanks to Saines Environmental Hydrogeology for sponsoring the Southern Nevada February meeting.



Thanks to TonaTec Exploration, LLC for sponsoring the Elko February meeting.

Thanks to Drift Exploration Drilling for sponsoring the Winnemucca February meeting.

ACTIVITY UPDATE

Mike Brady, January 2009 Nevada

www.activityupdate.com

Allied Nevada Gold Corp. announced that it received the first gold production derived from the start-up of operations at the Hycroft Mine. (reserve = 33,320,000 tons @ 0.020 opt Au proven+probable oxide) *Press Release:* January 6

Atna Resources Ltd. announced that it was notified by Barrick Gold Corp. that Barrick has now spent \$30,000,000 at the Pinson Project thereby earning it a 70% interest. (resource = 2,505,000 tons @ 0.421 opt Au measured+indicated) *Press Release:* January 15

Fronteer Development Group Inc.(51%) announced that recent drill results at the Long Canyon/West Zone Project include 269.4-281 feet @ 0.077 opt Au (LC117C); 256-266 feet @ 0.022 opt Au (LC122C); 141-156 feet @ 0.113 opt Au (LC127C) and 147-202 feet @ 0.127 opt Au (LC130C). *Press Release:* December 29

Fronteer Development Group Inc.(51%) announced that recent drill results at the Long Canyon Project include 227-282 feet @ 0.117 opt Au (LC139C); 287-306 feet @ 0.080 opt Au (LC142C); 177-187 feet @ 0.033 opt Au (LC146C) and 202-217 feet @ 0.017 opt Au (LC148C). *Press Release:* January 26

AuEx Ventures Inc. announced that recent drill results at the West Pequop Project include 10-241 feet @ 0.238 opt Au (WNC-144); 150-160 feet @ 0.018 opt Au (WNC-146); 224-248.5 feet @ 0.026 opt Au (WNC-147) and 430.4-451 feet @ 0.015 opt Au (WNC-148). Press Release: January 22

Barrick Gold Corp. announced that a U.S. District Judge declined to grant an injunction regarding the recent approval by the Bureau of Land Management of the Cortez Hills Project. (reserve = 15,620,000 tons @ 0.127 opt Au proven and 128,150,000 tons @ 0.074 opt Au probable) *Press Release:* January 26

Bonaventure Enterprises Inc. announced that recent drill results at the New Pass Project include 320-350 feet @ 0.028 opt Au, 0.17 opt Ag (NP08-10); 440-475 feet @ 0.010 opt Au, 0.32 opt Ag (NP08-11); 80-150 feet @ 0.012 opt Au, 0.16 opt Ag (NP08-12) and 18-96.5 feet @ 0.015 opt Au, 0.18 opt Ag (NP08-24C). (resource = 11,500,000 tons @ 0.023 opt Au inferred) *Press Release:* January 6

Midway Gold Corp. announced that recent drill results at the Spring Valley Project include 386.4-445 feet @ 0.023 opt Au (SV08-396C); 523.2-567.3 feet @ 0.011 opt Au (SV08-397C); 260-285 feet @ 0.071 opt Au (SV08-398C) and 665-704 feet @ 0.020 opt Au (SV08-439C). (resource = 50,600,000 tons @ 0.020 opt Au inferred) *Press Release:* January 19

Desert Gold Ventures Inc. (50%) announced that recent drill results at the Goldbanks Project include 445-460 feet @ 0.230 opt Au (GB08-01); 755-774 feet @ 0.161 opt Au (GB08-02); 477-487 feet @ 0.050 opt Au (GB08-03) and 629.5-670 feet @ 0.013 opt Au (GB08-06). (resource = 28,450,000 tons @ 0.020 opt Au inferred) *Press Release:* January 21

Quaterra Resources Inc. announced that based on recent drill results at the MacArthur Project, resources aggregate 57,360,000 tons @ 0.239% Cu measured+indicated and 75,800,000 tons @ 0.283% Cu inferred. (was 29,000,000 tons @ 0.28% Cu inferred) *Press Release:* January 26

Golden Predator Mines Inc. announced that recent drill results at the Adelaide Project include 25.9-40 feet @ 0.047 opt Au, 0.95 opt Ag (GPAD01); 145.6-175 feet @ 0.066 opt Au, 0.57 opt Ag (GPAD02); 280-294 feet @ 0.450 opt Au, 0.51 opt Ag (GPAD03) and 175-215 feet @ 0.121 opt Au, 1.19 opt Ag (GPAD07). *Press Release:* January 6

International Bethlehem Corp. announced that it terminated its interest in the Monte Cristo Project of Gold Summit Corp. (resource = 364,100 tons @ 0.190 opt Au inferred) *Press Release:* January 15

Staccato Gold Resources Ltd. announced that recent drill results at the South Eureka Project include 439-492 feet @ 0.011 opt Au (BHSE-07); 275-400 feet @ 0.028 opt Au (BHSE-21); 496.5-515.5 feet @ 0.032 opt Au (BHSE-25C) and 110-215 feet @ 0.018 opt Au (BHWF-01). (resource = 4,753,000 tons @ 0.020 opt Au measured) *Press Release:* January 21



The GSN Office will be moving, from UNR, in April 2009 to NBMG's Great Basin Science Sample and Records Library at The Desert Research Institute Campus 2215 Raggio Parkway, Unit A Reno, Nevada 89512-1095



CALL FOR PAPERS

GSN 2010 Symposium

Draft Abstracts due no later than April 30, 2009

GSN 2010 SYMPOSIUM

May 14-22, 2010

John Ascuaga's Nugget Hotel and Casino, Reno-Sparks, Nevada

GSN invites contributions for oral, poster, and core shack presentations. The Sixth Symposium's focus will be Great Basin Evolution and Metallogeny through descriptive accounts of ore deposits, new ideas on deposit formation, and innovative methods of discovery.

Oral presentations require abstracts and a written paper to be peer-reviewed and published in the Symposium Proceedings following the meeting. Poster presentations require abstracts.

Draft abstracts up to 500 words should be submitted no later than April 30, 2009. Written papers should be 2,000 to 20,000 words with figures and tables. **Draft manuscripts due November 30, 2009**. Information

for contributors: http://www.gsnv.org/symposium/author_guidelines/guidelines.aspx

Submit abstracts on-line: www.gsnv.org/symposium or via e-mail: technicalsessions@gsnv.org

TECHNICAL PROGRAM SUN-WED, MAY 16-19 Focus Topics:

- Rumors from the Bush Great Basin **Exploration Update**
- New Mine Development
- Tertiary Magmatism and Metallogenesis
- Geology and Tectonics of Nevada
- Regional Metallogeny and Mineral Belts
- Active or Recent Gold Systems
- **Intrusion-Related Deposits**
- A Stroll Down Walker Lane Geology and Ore Deposits
- Volcanic-Hosted Precious-Metal Deposits
- Carlin-Type Gold Deposits: Great Basin and Beyond
- Controversies in Great Basin Geology
- Student Research—Best Student Paper Award
- Environmental/Regulatory Issues
- Geothermal Resources
- Case Histories of Great Basin Discoveries
- Exploration International
- Exploration Americas
- **Exploration Technologies**

FIELD TRIPS

Pre-meeting:

- Carlin-Type Gold Deposits for Geologists
- Epithermal Deposits of Northern Nevada
- Porphyry-Related Deposits-Eastern Nevada
- Industrial Mineral Deposits, Southern Great Basin

Post-meeting:

- Carlin-Type Gold Deposits for Non-Geologists
- Recent Advances in Carlin-Type Deposits, Nevada
- Epithermal Deposits of Central Nevada
- Porphyry-Related Deposits of Western Nevada
- Modern and Ancient Geothermal Systems

SHORT COURSES

- Society of Economic Geologists-Gold Workshop
- Epithermal Deposits: Occurrences, Models, **Exploration Criteria**
- Structural Systematics: Exploration Applications
- Fundamentals of Canadian NI 43-101
- Introduction to Carlin-Type Gold Deposits
- Porphyry Copper Occurrences, Models, and Exploration Criteria
- Molybdenum Deposits and Exploration Criteria
- Database Management, Geostatistics, GIS, & Modeling
- Sample Collection, Prep, and Analyses: Methods and Advice
- Isotopes and Exploration: Bringing the Esoteric into the Mainstream













Geological Society of Nevada Spring Field Trip

May 8-10, 2009

Diverse Gold Deposits of the Osgood Mountains and Humboldt Range, North-Central Nevada:

Pinson-Getchell-Turquoise Ridge and Spring Valley-Lincoln Hill-Wilco

Friday, May 8th: Evening lectures by Karl Marlowe; overnight in Winnemucca.

Saturday, May 9th: Getchell Gold Trend: Pinson, Getchell, and Turquoise Ridge mines; Evening

lectures by John Muntean, Jean Cline, Tony Longo and students on Getchell

(Overnight in Winnemucca).

Sunday, May 10th: Lincoln Hill and Willard-Colado projects (Bill Howald and Radu Conelea, Rye

Patch Gold) and Spring Valley project (Alan Branham, Midway Gold, and

Barrick Gold).

We are looking for field trip sponsors, if you would be interested in being a sponsor for the Spring 2009 Field Trip please contact Kathy at the GSN office



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Spring 2009 Field Trip Sign Up

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Double roommate:	Payments must be made by May 1, 2009 No refunds after May 1, 2009			
*Non-members are encouraged to become members of the GSN for \$50 annual dues in order to take advantage of the reduced	(775) 323-3500, Fax: (775) 323-3599 or mail to GSN office:			

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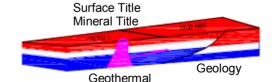
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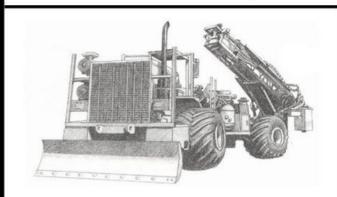
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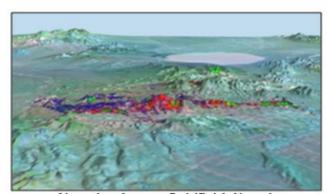


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