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GSN’s December monthly meeting was well attended with 175 folks having dinner, and enjoying the holiday party, silent auction, and rock raffle.

FROM THE PRESIDENT
Greg Hill, GSN President 2007-2008

Happy 2008! It’s amazing how quickly the time goes by, especially when you’re making hay. 2007 has been a great year for the mining industry and Nevada geologists and much hay was harvested. Let’s hope the sun shines a lot longer.

The annual GSN Foundation Rock Raffle and Silent and Live Auction was once again very successful, bringing in more than $15,000 for the Foundation. Thank you to all of the generous individuals and companies that donated, organized, volunteered, and participated in this outstanding event. Dinner was served to 175 people and many more joined in for socializing and the like. Following dinner, members and their guests were treated to a discourse by the ghost of Mark Twain, aka McAvoy Layne.
FROM THE PRESIDENT continued from page 1

As discussed previously in this space, the current fiscal year represents GSN’s fiftieth in existence. Thanks to all that make this organization work. I am proud to be associated with the Society.

Many events are planned for 2008, the first of which will be a talk by Brian Morris of Great Basin Gold on the Hollister project (see abstract on page 3). I look forward to hearing about this interesting place and the progress being made in developing and exploring this property which has long been the focus of serious exploration. We have an interesting slate of speakers lined up for the remainder of the monthly meeting season as well. Planning for the Spring field trip is underway and planning for the 2010 Symposium is in full swing.

Here’s looking forward to a great 2008!

Happy New Year!

GSN FOUNDATION NEWS
Roger Steininger, Chair Foundation Board

D.D. LaPointe and Rachel Dolbier, along with several volunteers did it again. They put on a fantastic auction and raffle at the GSN Christmas Party. This year was the best ever with a grand total of $15,307. Thank you goes not only to D.D. and Rachel, but also to all of the groups that contributed items and especially the members who did their Christmas shopping at the event.

This money will add to the Foundation’s financial base which supports the two UNR and one UNLV scholarships, and the over 50 requests that we received this year for K-12 field trip grants.

I cannot say thank you enough.

VISIT THE GSN WEBSITE AT:
www.gsnv.org

STATE OF NEVADA BOND POOL UPDATE

The State of Nevada Bond Pool continues to provide reclamation bonding for notice level activities on public land administered by the Bureau of Land Management. The Bond Pool, which is part of the Nevada Division of Minerals, has placed a statewide bond with the BLM and has bonds totaling $1,169,511 in place covering 107 projects as of 12/19/07. Individual operator bonds are placed as riders to the Bond Pool’s statewide bond. Because the Bond Pool statewide bond has been adjudicated by the BLM, the bonding process can be completed in a few hours. This can be very advantageous to an operator on a tight schedule. Operators are required to have a bond decision letter from the BLM, a cash deposit equal to 100% of the bond amount, and pay an annual premium equal to 3% of the bond amount. For more information about the State of Nevada Bond Pool, please contact Doug Driesner (775/684-7046) or Alan Coyner (775/684-7047) at the Nevada Division of Minerals, or visit the Division’s website at minerals.state.nv.us.

Thanks to AGNICO-EAGLE (USA) Limited for hosting the December meeting.
EXPLORATION AND DEVELOPMENT OVERVIEW AT THE HOLLISTER MINE, ELKO COUNTY, NEVADA

Brian Morris, Great Basin Gold, LTD

The Hollister mine is located 80 miles east of Winnemucca, Nevada, in Elko County. Hollister mine is an epithermal gold-silver resource and is situated on the eastern margin of the Northern Nevada Rift and in the east-central part of the Ivanhoe Mining District. Vein adularia has been dated at 15.19 +/- 0.05 Ma similar to other epithermal gold-silver deposits along the rift. Veins in the Hollister resource strike E-W to WNW and appear to have developed as ladder veins between strands of a major N10ºW, left-lateral strike slip fault system. Both the veins and the strike-slip fault system are blind overlain by 250 to 500 feet of Tertiary volcanic cover.

Gold mineralization and hydrothermal alteration at Hollister are associated with an episode of bimodal volcanism between 16 and 14.9Ma consisting of rhyolite, basaltic andesite, felsic tuff and tuffaceous sedimentary rocks. This volcanic and volcaniclastic sequence was erupted onto a relatively low-relief unconformity. Pre-Miocene basement consists of interstratified quartzite and argillite of the Ordovician Vinini Formation.

Quartz-adularia veins are hosted by the Ordovician Vinini Formation (Valmy correlative) and are more or less centrally located beneath the extent of the disseminated mineralization in the Tertiary volcanic rocks. The veins terminate vertically at the Tertiary-Ordovician unconformity and the gold mineralization dissipates into disseminated form over a relatively small distance above the vein throats. An extensive, paleo-horizontal, chaledonic silica cap is developed above the structural source of the mineralizing fluids.

An ongoing underground development drilling program has delineated proven and probable reserves of 868,500 tons grading 1.01 opt gold and 4.3 opt silver totaling 875,000 ounces gold and 4,300,000 ounces silver. Peripheral to the Hollister vein system, Great Basin Gold Limited is conducting a surface drilling program exploring for new vein structures.
ATTENTION ALL YOU INFORMATION SEEKERS!!

Check your libraries. If you are missing any field trip guidebooks check our website at www.gsnv.org for order forms.

**SP-6**  N Carlin Trend, Big Springs: Bluestar, Genesis, Bootstrap, Post, & Dee Mines; Big Springs Property, 174 p. (1987) $35.00

**SP-7**  Hot Springs Gold Deposits of NW NV & SE OR: Florida Canyon; Sleeper; Quartz Mtn; Hog Ranch, 117 p. (1988) $35.00

**SP-8**  Gold Deposits of N-C NV: Marigold; Cove; McCoy; Rain; Surprise, 107 p. (1988) $18.00

**SP-9**  Geology & Mineral Deposits of White Pine County: Golden Butte; Robinson Mining District; Illipah; Nighthawk Ridge; Greensprings, 143 p. (1989) $35.00

**SP-10**  Geology & Gold Deposits of the Osgood Mtns, NV: Pinson; Preble; Chimney Creek, 104 p. (1989) $10.00

**SP-11**  Geology & Ore Deposits of the Sierra Nevada & Foothills: Mary Harrison Prospect; Royal Mtn, King, Lincoln, & Spanish Mines, 158 p. (1990) $35.00

**SP-12**  Carlin & Cortez Trends: Comparisons & Contrasts (Elko Chapter), 139 p. (1990) $20.00


**SP-14**  Hawthorne Area-Central Walker Lane Structure & Tectonics: Wassuk Range, Pine Nut, Cedar Mtn, & Sheep Canyon Faults; Santa Fe-Isabella Area; Bettles Well Graben; Dicalite Detachment, 224 p. (1992) $30.00


**SP-17**  Robinson Mining District Geol & Mineralization: (Elko Chapter), 82 p. (1993) $12.00

**SP-18**  Gold & Silver Deposits of W NV: Rochester, Florida Canyon, & Crofoot/Lewis Mines; Rosebud Deposit, 167 p. (1993) $30.00

**SP-19**  NE NV Breccia Bodies Symp (Elko Chapter), 90 p. (1993) $15.00

**SP-20**  Gold Deposits of the Central Walker Lane, NV: Talapoosa Deposit; Borealis, Paradise Peak, & Denton-Rawhide Mines, 224 p. (1994) $35.00

**SP-21**  Robinson Mining District Geol & Mineralization: (Elko Chapter), 82 p. (1993) $12.00


**SP-23**  Geology & Gold Deposits of E NV: Bald Mtn & Mt. Hamilton Mines; Alligator Ridge; Robinson Project, 247 p. (1996) $35.00

**SP-24**  Geology & Ore Deposits of NW NV: Trenton Canyon Project; Lone Tree, Getchell, Twin Creeks, & Florida Canyon Mines, 192 p. (1996) $35.00

**SP-25**  Geology & Ore Deposits of NE NV: Cortez, Pipeline, Goldstrike, & Bootstrap Mines; Crescent Pit; W Leeville Project, 156 p. (1997) $35.00

**SP-26**  Low-Sulfidation Volcanic-hosted Epithermal Au-Ag Deposits, W-C NV: Rawhide & Round Mtn Mines; Three Hills Project, 246 p. (1997) $35.00


**SP-29**  Low-Sulfidation Au Deposits in N NV: Olinghong, Mule Canyon, & Midae Deposits, 220 p. (1999) $40.00

**SP-30**  Geology & Ore Deposits at Bingham Canyon, Barney’s Canyon, Mercur & Adjacent Districts in the Oquirrh Range, UT (Elko Chapter), 143 p. (1999) $35.00


**SP-32**  Platinum Group Elements, High Grade Gold and History: The Sierra Nevada 2000, 185 p. (2000) $25.00

**SP-33**  Regional Tectonics & Structural Control of Ore: The Major Gold Trends of Northern NV, Battle Mtn Spring Field Conf, 448 p. (2001) $60.00

**SP-34**  Magmatism and Gold Deposits in North-Central Nevada - Variations on a Theme, McCoy/Cove, 219 p. (2001) $35.00

**SP-35**  Jurassic Magmatism and Metal Deposits in Western Nevada, Yerington Mining District & Humboldt Mafic Complex, 168 p. (2002) $35.00


**SP-37**  Gold Deposits of the Goldfield, Midway, and Thunder Mountain Areas, 305 p. (2003) $45.00

**SP-38**  Regional Geology & Gold Deposits of the Silver Peak Area—Mineralization Hosted by Metamorphic Core Complexes, 211 p. with references, 206 without (2003) $40.00


**SP-40**  New Discoveries, Exploration & Mining Activities Along the Central & Southern Battle Mtn – Eureka Trend, Lander & Eureka Counties, NV, 190 p. (2004) $45.00

**SP-41**  Volcanic Geology, Volcanology & Natural Resources of the Long Valley Caldera, CA, 213 p. + 4 fold out plates (2005) $40.00

**SP-42**  Geology & Mineral Resources of the Trinity, Seven Towns, & Kamma Ranges, W-C NV, 154 p. (2006) $40.00

**SP-43**  Geology & Mineralization at Bald Mtn, E Archimedes, & S Eureka, NV, 146 p. (2006) $35.00

**SP-44**  Mine and Metallurgy Tours Along the Carlin and Battle Mountain Trends, NV, GSN/NWMA, 117 p. (2006) $30.00

**SP-45**  Geology of the Nevada test site, Yucca Mountain, and the Searchlight District, 238 p. (2007) $35.00

UPCOMING EVENTS

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GSN MEMBERS’ NEWS AND ANNOUNCEMENTS

Career Related Moves

Craig Parkinson, PG, CEM has recently joined the consulting firm West Coast Environmental and Engineering based in their Nevada City California office. Craig is the Mining Services Manager and specializes in NI 43-101 reports, feasibility studies, and regulatory compliance.

W. Dan Hausel, Consulting Geologist, is the former Senior Economic Geologist and Deputy Director with the Wyoming Geological Survey. Dan has moved to Gilbert, Arizona and currently is the President of W. Dan Hausel Geological Consulting LLC and is the Vice President of Exploration for DiamonEx USA Ltd.


Thank you to our generous donors

GSN would like to thank the following members for the generous donations to the Foundation and Student Dinner Funds:

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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 Kelly at gsn@mines.unr.edu by the 21st of each month.
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