

GEOLOGICAL SOCIETY OF NEVADA NEWSLETTER

Geological Society of Nevada, 2175 Raggio Parkway, Room 107, Reno, NV 89512
(775) 323-3500 - Hours Monday -- Friday 8-3 Website: www.gsnv.org • E-mail: gsn@gsnv.org



May 2011, Vol. 27, No. 5

Published monthly except June and July

CALENDAR OF GSN EVENTS

GSN EXECUTIVE COMMITTEE

President
Peter Vikre
US Geological Survey

Vice President
William (Bill) Howald
Rye Patch Gold US Inc.

Secretary
Steve Carroll
Schlumberger Water Services

Treasurer
Bob Kastelic
Consulting Geologist

Membership Chair
Dave Emmons
Kinross Gold USA, Inc

Publications Chair
Mary Stollenwerk
ALS Chemex

GSN Office Manager
Kathy Sestanovich

May 13
Friday

*Mark
Your
Calendar*

GSN MEMBERSHIP MEETING

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 Harris Drilling Companies. Speakers for the evening will be Jim Trexler, University of Nevada, Reno and Roger Steininger, NuLegacy Gold Corporation. Their talk is titled "**Tectonic and Paleogeographic Controls on Middle-Upper Paleozoic Stratigraphy and Gold Deposits of Central Nevada**" (see abstract on page 3) Dinner reservations must be made by 1:00 PM Wednesday, May 11. Contact Kathy Sestanovich at (775) 323-3500 or e-mail gsn@gsnv.org for reservations.

May 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, talk at 7:00 PM. Sponsor for the evening will be Connors, represented by Rusty Church and Grover Wallis. Speaker for the evening will be Jeremy Fairbanks. For more information contact Rebecca Morris at (775) 304-2661.

May 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 6:00 PM, talk at 7:00 PM. Sponsor for the evening will be COLOG – Borehole Geophysics and Hydrophysics. Speaker for the evening will be John Muntean. His talk is titled "**Geochemical Exploration for Gold through Transported Alluvial Cover in Nevada: Examples from the Cortez Mine**". For more information contact Joe Becker at (775) 778-4071.

GSN BOARD OF DIRECTORS

Chairman
David Shaddrick

GSN President
Peter Vikre, Current

Most Recent Past GSN President
Mike Ressel

Elko Chapter President
Joe Becker

So. Nevada Chapter President
Josh Bonde

Winnemucca Chapter President
Rebecca Morris

Class A, 2009-2012
Lynne Volpi
Kim Craig

Class B, 2010-2013
David Caldwell
Marcus Johnston

Class C, 2008-2011
David Shaddrick (Chairman)
Camille Prens

May 20 –22
Fri - Sun

2011 Spring Field Trip

"Rockin around Battle Mountain: Geology and Mines of Central Nevada"
The sign up form can be found on the GSN website www.gsnv.org

SOUTHERN NEVADA CHAPTER *(Every Last Thursday of the month)*
No meeting this month

GSN APRIL MEETING SPONSORS

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Peter Vikre, GSN President 2010-2011

Fare-thee-well

Well, the GSN survived another year and even prospered, as always with more than a little help from its many friends. The membership is about 900, and the coffers received an influx of 2010 Symposium cash. One downside: the Elks Club remodeling program got stalled at the men's room.

Your Executive Committee in part departs, and chairs have been rearranged for 2011-2012 to include two new members. President Peter Vikre and Secretary Steve Carroll will move on. Vice-President Bill Howald becomes 2011-2012 President, Dave Emmons becomes Vice-President, Bob Kastelic continues as Treasurer, and Mary Stollenwerk continues as Publications Chair. The new Membership Chair is Carmen Arbizo. Day to day GSN operations and finances were, as in past years, ably covered by Kathy Sestanovich, Office Manager, and Laura Ruud, Accountant. The December meeting auctions were again successfully handled by good-stuff-procurers D.D. Lapointe and Rachel Dolbier. The services provided by EC members, employees, and volunteers are essential to the annual functioning of the GSN, and my great appreciation is extended to all of them for their loyal management and organizational efforts during 2010-2011.

Your Board of Directors will consist of reelected members David Shadrack and Camille Prens; continuing members are Lynne Volpi, Kim Craig, David Caldwell, and Marcus Johnston. The GSN Presidents who will become BoD members are Bill Howald (Reno), Paul Bowen (Southern Nevada), Erin Gray (Winnemucca), and Jared Townsend (Elko). Past-past President Mike Ressel (Reno) is moving off the NL front page, and soon-to-be-past-President Peter Vikre (Reno) is moving down it (sniff).

A variety of science was presented at Reno dinner meetings by Chris Holm-Denoma, Richard Bedell, Chris Henry, Fred Holabird, Alan Coy-

ner, Fred Graybeal, Lisa Stillings, and Eric Seedorff. Jim Trexler, and Roger Steininger will provide the final 2010-2011 presentation at the May meeting. Student posters were displayed by Annie Kell, Evan Keffeler, Robbie Anderson, Reid Yano, Brad Cantor, Wes Sherlock, Rachel Dolbier, and Greg Rhodes. All science contributors are thanked for their willingness to provide new and comprehensive presentations to the GSN.

A host of hosts ensured that Reno dinner meetings were well-watered: Boart Longyear, Ruen Drilling Incorporated, TonaTec Exploration LLC, ALS Minerals, Agnico-Eagle, Timberline Drilling Inc., CGS, Inc., Environmentalists, Inc., Geotemps, Inc., and Harris Exploration Drilling and Associates. Thanks to all for the monthly attitude stabilization.

Geotemps again covered student memberships. Significant contributions were made to the Student Dinner and Field Trip Funds by numerous members. Much appreciation is extended for support of our younger members.

The GSN lost long-time members Doug Cook, Dave Wolfe, Karl Frost, Art Ettinger, and Eric Braun.

Lastly, I will miss this freewheeling, irreproachable forum with no limits to snide comments.

May 13 dinner meeting presentation

The scientific presentation at the May 13 dinner meeting will deal with middle-upper Paleozoic stratigraphy and gold deposits of central Nevada, a topic not often comprehensively addressed. Speakers are Jim Trexler and Roger Steininger

All In, all done, adjoUrned,

Mark
your
Calendar

Due to a conflict with the Elk's Lodge and Speaker arrangements, the May and September meetings will be held the 2nd Friday of the month instead of the 3rd Friday. May 13, 2011 & September 9, 2011

GSN Field Trip Guidebooks 1 through 10 (Special Publications 1-10) and 11 through 20 (Special Publications 11-20) are now digitally available, and they will no longer be reproduced in paper form. You can obtain guidebooks 1-10 on a CD for \$15 postpaid, guidebooks 11-20 on a CD for \$15 postpaid, or both for \$25 postpaid by placing an order at the GSN Office.



**Thanks to Geotemps, Inc
For Hosting the April Meeting**

GSN May 13, 2011 Membership Meeting

Reservations Are Required - Please Cancel if You Are Unable to Attend

GSN CAN NO LONGER GUARANTEE DINNER SEATING WITHOUT ADVANCE RESERVATIONS.
Please call 775-323-3500, Fax 775-323-3599 or e-mail gsn@gsnv.org by 1:00 PM, Wednesday, May 11, 2011.
Social Hour: 6:00 PM – Dinner: 7:00 PM – Speaker: 8:00 PM
\$17.00 per person

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)

**Prepaid dinner reservations will only be accepted for the current monthly meeting.
Cancellations must be received two days before the meeting in order for your money to be refunded.**
Download the prepayment form from the GSN website: <http://www.gsnv.org/membership.html>

“Tectonic and Paleogeographic Controls on Middle-Upper Paleozoic Stratigraphy and Gold Deposits of Central Nevada”

Jim Trexler, University of Nevada, Reno
Roger Steininger, NuLegacy Gold Corporation

Abstract

The geology of central Nevada is dominated by Paleozoic tectonic events that caused structural collapse, created paleotopography and erosion, and resulted in accommodation space for sedimentary deposits. This tectonic stratigraphy and structure affected the distribution of favorable host rocks for gold deposits. The distribution of Ordovician through Mississippian lithostratigraphic units in central Nevada is controlled by (1) their geographic position relative to the edge of the Paleozoic continental margin, and (2) their age and position relative to at least two important, pre-Pennsylvanian structures. Subsequent deformation and alteration has further obscured lateral and vertical relationships.

Much of the gold mineralization in central Nevada is in Silurian through Devonian age strata. Most of that mineralization occurs in areas associated with the trend of the Roberts Mountains thrust system, which is thought to be related to the late Devonian Antler orogeny. Middle Paleozoic autochthonous rocks (Antler lower plate, the miogeocline) host much of the gold, although allochthonous (Antler upper plate, Roberts Mountains allochthon) rocks also occur in or near important mining districts. Autochthonous strata can be roughly correlated with the continental-margin succession of carbonate and siliciclastic rocks preserved to the east. Published biostratigraphy is not detailed and correlation is uncertain. Fault(s) mapped as the Roberts Mountains thrust system cut through the upper Devonian section in many areas. The youngest known lower-plate strata of the Roberts Mountains thrust system are lower Mississippian, placing an oldest possible age of thrusting in some areas as middle Mississippian, too young to be “Antler” in age.

Mississippian and younger carbonate and clastic strata are widely preserved east of the Roberts Mountains thrust system. Unlike Devonian and older continental margin strata, these rocks were deposited in accommodation space that was created by the latest Devonian – early Mississippian Antler orogeny. The upper Devonian Woodruff Formation is thought to represent deposition in the lowest and earliest part of the foreland trough created by emplacement of the Roberts Mountains allochthon. The Woodruff Formation may have been caught up in thrusting in the area of the Roberts Mountains. The Mississippian Webb and Melandco formations are foreland basin clastic turbidites shed east from the allochthon into the subsiding foreland basin after thrusting and uplift began. These units all pinch out (or were removed by subsequent erosion) to the east. Correlative lower Mississippian Pilot Shale and Joana Limestone were deposited farther east as the shelf edge warped due to thrust-loading of the continental margin. Thrust faulting and folding in the middle Mississippian (post-Antler) deformed and uplifted the margin west of the longitude of Eureka. Strata overlying this angular unconformity constrain these structures as no older than middle Mississippian and no younger than late Mississippian. The unconformable relationship is best expressed in the Piñon Range. There, thrust faulted Devonian through middle Mississippian strata (Woodruff, Webb, and Melandco formations) are unconformably overlain by the late Mississippian Tonka Formation overlap rocks. Correlative overlap strata to the east include the late Mississippian Chainman Shale.

The Devonian and lowest Mississippian Devils Gate, Pilot and Webb formations and the locally defined Horse Canyon and Popovich-Rodeo Creek formations host significant disseminated gold deposits. These formations all have a carbonate component that was removed early in the formation of gold deposits, which improved permeability and porosity of host rocks for later gold deposition. Upper Mississippian strata such as the Diamond Peak and Tonka formations and the Chainman Shale generally lack a carbonate component and therefore are less favorable hosts. Gold deposits found in these younger formations are generally smaller, lower grade, and more structurally controlled.

East of the eastern limits of the Roberts Mountains allochthon, disseminated gold is hosted in the same part of the stratigraphic section. Gold deposits in these localities have many characteristics of "typical" Carlin-type systems, but there are significant differences. The presence of extensive jasperoid is probably the most outstanding feature of many of these deposits; in some cases these silicified rock extend several thousand feet beyond the mineralized zone. These jasperoids many of which, contain anomalous gold, and other pathfinder trace elements, but economic concentrations of gold within them are restricted to younger fault and fracture zones. If a larger gold deposit exists, it is commonly in the formations above, or in some cases below, the jasperoids. Initial hydrothermal solutions removed the carbonate component, increasing porosity and permeability that was later filled with gold-bearing silica. Commonly there is an argillized zone surrounding the silicified gold-bearing rock. Arsenic, antimony, and mercury are components of an important trace element suite that commonly has a wider distribution than the gold mineralization. While a multi-million ounce gold is not known in these lithologies, there is an opportunity for such a discovery.

UNR Students Poster Night was a great success!

There were eight participants, listed below, who each received a check for \$50 from GSN for their participation:

Robbie Anderson
Brad Cantor
Rachael Dolbier
Evan Keffeler
Annie Kell
Greg Rhodes
Wes Sherlock
Reid Yano

Congratulations to all of the participants!

GSN MEMBERSHIP

When was the last time that you thought about the value of your GSN Membership? The most valuable part of GSN is the intangible part. Meeting up with colleagues, potential employees, potential employers, making new friends, attending the presentations, and finding out what is going on in our fast paced industry doesn't have a direct dollar value. The free drinks aren't really free as they are paid for by our generous sponsors. Even the dinners don't pay for themselves. Over \$32,000 a year is paid to produce the newsletter, membership directory, dinner deficit, the convenience of taking credit cards, filing tax returns, liability insurance, having a phone, and running the office. The cost of administrative services and promoting GSN are above and beyond this amount. In addition, the dedication of GSN volunteers makes the organization run. Take a few minutes to think about the role that GSN plays in your career and take time to thank all of the volunteers and sponsors that provide the venue for your GSN experience.

*Mark
your
Calendar*

Due to a conflict with the Elk's Lodge and Speaker arrangements, the May and September meetings will be held the 2nd Friday of the month instead of the 3rd Friday. May 13, 2011 & September 9, 2011

**GSN Newsletter
Monthly Advertising Rates**

Business Card Size (3 ¹ / ₂ x 2")	\$50.00
Quarter page (3 ¹ / ₂ x 4 ³ / ₄ ")	150.00
Half Page (4 ³ / ₄ x 7 ¹ / ₂ ")	300.00
Classified ads (per line) (up to business card size)	10.00

For an advertising form, call the GSN office at 775-323-3500, fax 323-3599, email gsn@gsnv.org, or download the form from the GSN website:

<http://www.gsnv.org/membership.html>

Digital or text ads must be received by the 20th of the month to appear in the following month's newsletter.

There will be a 10% discount on all orders for 10-months or more.



"We will we will rock you!"

~ an over zealous geologist on Geology

Geologists are 'scientists' with unnatural obsessions with beer and rocks. Often too intelligent to do monotonous sciences like biology, chemistry, or physics, geologists devote their time to mud-worrying, volcano poking, fault finding, bouldering, dust-collecting, and high-risk colouring. One of the main difficulties in communicating with geologists is their belief that a million years is a short amount of time and their heads are harder than rocks. Consequently, such abstract concepts as "Tuesday Morning" and Lunchtime are completely beyond their comprehension. (This difficulty generates problems particularly when dealing with the girlfriend/boyfriend/spouse and attempting to explain why you were "gone for so long" or why something is taking "so long to occur.")

GSN 2011-2012 ELECTION RESULTS

(Terms begins June 1, 2011 – May 31, 2012)

The entire GSN membership had the opportunity to vote during April on next year's Executive Committee and Class C (three year term) of the Board of Directors. One hundred seventy-five (175) members voted almost unanimously in favor of approving the entire ballot. Thanks to all of you who voted and congratulations to the new GSN officers and directors, who are presented below:

**Officers 2011-2012
GSN Executive Committee**

President Bill Howald	Treasurer Bob Kastelic
Vice President Dave Emmons	Membership Chair Carmen Arbizo
Secretary Lindsay Craig	Publications Chair Mary Stollenwerk

Board of Directors (Class C)

(2011 – 2014)

**Camille Prens
Dave Shaddrick (Chair)**

Elko Chapter Officers

President Jared Townsend	Treasurer Becky Schow
Vice President Doug Eck	Membership Chair Joe Becker
Secretary Erin Newman	

Winnemucca Chapter Officers

President Erin Gray	Secretary Merilie Reynolds
Vice President Derick Unger	Treasurer Randy Vance

Southern Nevada Chapter Officers

President Paul Bowen	Treasurer Charles Riecken
Vice President Josh Bonde	Newsletter Editor Dave Moore
Secretary Vacant	

Geological Society of Nevada

2011 Spring Field Trip

"Rockin around Battle Mountain: Geology and Mines of Central Nevada" May 20 - 22, 2011

Finally, it's been confirmed, blustery winter-like weather with the largest and
Utterly wettest snowflakes ripping – and sometimes floating - on a brutally cold
North winter wind will strike north central Nevada during the GSN spring field trip
(not likely, although I have been in Eureka during June when the snow plows have
Tossed untold amounts of snow from the main drag). So bring your warm hearts
Including your nice sunny smiles along for a fantastically fun field trip scheduled for
May 20th, 21st and 22nd. The bus will leave promptly from the GSN office on Friday
Exactly at 3:00pm for the wilds of Central Nevada

Friday, May 20th

3pm to 6pm Travel to Winnemucca
6:30pm Dinner in Winnemucca - Ormachea's

Saturday, May 21st

7am Leave Winnemucca
8am to noon Tour Phoenix
12:30pm to 1:30pm Lunch (somewhere in Nevada)
2pm to 5pm Tour Marigold
6:30pm Dinner in Winnemucca - The Martin

Sunday, May 22nd

7am Leave Winnemucca
8am to noon Tour Twin Creeks
12:30pm to 1:30pm Lunch (where ever the lunch is)
2pm to 5pm Tour Adelaide Mining District
5pm to 9pm Return to Reno

Field Trip Sign-up Form can be found on the GSN website: www.gsnv.org under



In response to the \$2.1 M budget of NBM&G

So lets get our booming private corporate mining industry in the state of Nevada to provide a 5 year funding guarantee on the shortfall for the NBM&G so that there is no reduction in jobs or services at this vital supporting entity to the industry within the University of Nevada system. \$1.1 million is just a pittance of the current profits being made (much less the growth in revenues) and we all know it.

Come on mining industry—Step up!!! Make it a match gift challenge for these companies and make it happen. Tax Deductible too!

Paul Renken, Mining Analyst
London, United Kingdom and University of Nevada Mackay School of Mines Alumni

The information contained in Rock Talk is for information purposes only, and may not reflect the views of the of the Geological Society of Nevada.

THIS IS SO FUNNY.... FROM THE INCAKOLA BLOG TODAY....

Geologists in popular culture

While the media rarely represents geologists to the general population, (excluding sound bytes on Discovery Channel volcano specials), there was one recent attempt to integrate geologists into a television program. According to various blog sources, CBS was looking to produce a new reality tv show for 2008, after correctly predicting that the writers' strike would cut down on their ability to create blue-toned dramatic shows centering around corpses. One of their production managers happened to see a documentary on a volcanologist researching lava in Hawaii, and seeing the danger and excitement inherent in people smashing molten hot 'magma' with rock hammers, pitched the idea of a 'geologist survivor-type' show.

In December of 2007, CBS hired a production crew to pull the show together; the scenario was that nine geologists would be placed in the field, where they would vote each other off based on their willingness to do dangerous geologist type feats common to the field; like researching active volcanoes, trilobite wrangling, earthquake surfing, landslides catching, and landing in bush planes on glaciers. Geologists that weren't up to the task would be voted off, and the last remaining "Hard-core geologist" would win a prize.

The production was plagued from the beginning. They were successful in finding nine geologists, 6 males and three females, between 25 and 50 years of age, and they quickly set up the first challenge; researching an active volcano in the Phillipines. The geologists and camera crew set up camp near the bottom of the volcano. The camera crew filmed the nine geologists bonding. The geologists were supplied with alcohol (a common strategy to loosen up the cast on reality TV shows), but the camera crew was surprised to notice that even after drinking gallons of the liquid, the geologists did not change their behavior, and continued talking in an obscure jargonized language about 'bombs', 'hornitos', 'breccia,' and 'lahars,' none of which made for good reality TV.

This trend continued through the entire first challenge; the geologists were seemingly oblivious to the camera, and the only interpersonal drama occurred when the seismologist and structural geologist got into a yelling match over the best recipe for chili. When the camera-crew and geologists went up to do research on the volcano, instead of sticking together, the geologists scattered into the landscape, and the camera-crew found themselves unable to find more than two at a time. Also, after listening to the volcanologist eagerly predict just how soon the volcano would explode, the camera-crew became extremely nervous and returned to the camp.

The crew returned from the first shoot to Los Angeles with almost no footage. To further complicate matters, the editors were unable to make sense of what footage there was, because they had no idea what the hell the geologists were talking about. However, it did appear that initially a few of the scientists seemed to understand the concept of 'voting off' another member. After consulting a nearby university, the crew finally explained to the geologists were basically 'competing for funding from the National Science Foundation.' Unfortunately, the NSF grant analogy didn't go well either, as the geologists quickly pointed out that they didn't have enough time to write a successful research proposal. Finally, the geologists were simply told to agree upon some arbitrary criteria that they could use to get rid of someone. After a series of seminars, the geologists decided that whoever had the worst aim with a rock hammer would be told to leave.

The second event, landing in a bush plane in northern Alaska, was a complete failure. None of the geologists were nervous at the idea, which destroyed the drama the crew was hoping for, and worse yet, no-one in the production crew was willing to accompany the geologists to the field site, out of sheer terror. As a result, small cameras were given to two of the geologists to film themselves. When the geologists returned with their cameras, the editors found tapes filled with footage and commentary about mountains and 'gbbxcvxlacial erratics'. Only ten percent of the footage featured humans, and most of that footage was simply the petrologist standing by outcrops for scale.

By the time the production reached Hawaii, most of the camera-crew had quit (because of the steady diet of chili and the dangerous situations) and only five of the geologists were left; not because they had been voted off, but because they had become over-excited by rock formations at various locations and had refused to leave. Moreover, paying for an almost-constant supply of beer, single malt scotch, and transportation for the geologists' luggage' (which contained mostly oversized rock samples padded with unmentionably dilapidated field clothing), had almost exhausted the budget. CBS finally pulled the plug on the project in January of 2008, despite their fear that they might be sued for withdrawing the promise of a prize; however, none of the geologists sued, as they were still under the impression that they needed to publish a research paper to receive the money.

Contributed by Curt Everson

Notes from the GSN Foundation

Recently the Foundation received a very generous \$10,000 donation from the AIPG Foundation to be used in our K-12 Education Program and for field trip/field camp support. The membership of AIPG and their Foundation has been extremely generous over the years contributing a total of \$27,000 to the GSN Foundation. To a large degree their contributions to the K-12 Education Program have helped make this program successful. Thank you AIPG Foundation and Kelvin Buchanan (Chair, AIPG Foundation) for the generous and continued support of our K-12 program, we value the partnership that has developed between the two organizations.

The Foundation awarded scholarships to Erica Romero, Eve-Marie Hirt, Elizabeth Benge, and Garrett Frey to help offset the tuition for their field camp program this year. The Foundation is planning on making this scholarship program a part of our yearly activities. Information for applying for a scholarship next year will appear on our website early in 2012.

The Foundation is planning on making a grant to the DeLaMare Library and would like to craft it as a targeted gift. I am asking for suggestions for books or journal subscriptions that would benefit our membership that the Foundation could purchase for the library.

Roger C. Steininger
Chair, GSN Foundation

Thank you to our generous donors

GSN FOUNDATION

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Eric M. Struhsacker

BRONZE LEVEL DONORS \$1-\$99

STUDENT DINNER FUND

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STUDENT FIELD TRIP FUND

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Thanks to Inspectorate America Corp.
for Sponsoring the Winnemucca Chapter's
May Meeting

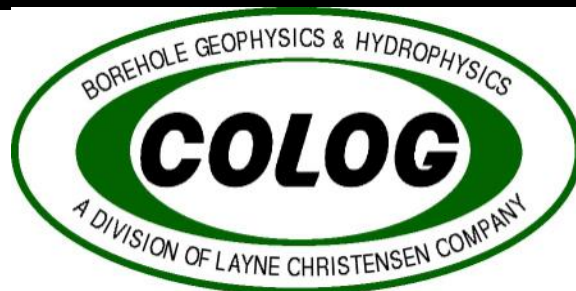
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Mike Madcharo, PG, Regional Manager
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Activity Update

Mike Brady, February 2011
Nevada

www.activityupdate.com

American Lithium Minerals Inc. announced that recent drill results at the Borate Hills Project include 440-590 feet @ 0.17% Li, 1.0% B (SBH-10); 375-550 feet @ 0.16% Li, 1.0% B (SBH-13); 315-435 feet @ 0.18% Li, 1.3% B (SBH-14) and 260-380 feet @ 0.19% Li, 0.6% B (SBH-15). *Press Release: March 7*

Scorpio Gold Corp.(70%) announced that it began heap leach operations at the Mineral Ridge Mine. (resource = 4,653,000 tons @ 0.043 opt Au indicated) *Press Release: March 1*

Max Resource Corp. announced that it acquired an option to earn a 60% interest in the Majuba Hill Property from Claremont Nevada Mines LLC. for \$6,500,000 in exploration expenditures over 6 years. *Press Release: March 4*

Atna Resources Ltd. announced that reserves at the Reward Mine aggregate 7,708,000 tons @ 0.023 opt Au proven+probable. (was 7,147,700 tons @ 0.024 opt Au proven+probable) *Press Release: March 3*

Renaissance Gold Inc.(30%) announced that based on recent studies of the Trinity Project, resources aggregate 1,901,000 tons @ 1.37 opt Ag inferred-oxide and 5,336,000 tons @ 1.69 opt Ag inferred-sulfide. (was 1,000,000 tons @ 5.25 opt Ag inferred) *Press Release: February 28*

Barrick Gold Corp. announced that the Bureau of Land Management issued a Record of Decision approving the Supplemental Environmental Impact Statement for the Cortez Hills Project. (reserve = 243,669,000 tons @ 0.058 opt Au proven+probable) *Press Release: March 16*

International Millennium Mining Corp. announced that it acquired an option to earn an 85% interest in the NL Extension Property (near Nivloc Project) from Silver Reserve Corp. for \$350,000 cash and 1,925,000 shares. *Press Release: March 1*

Golden Phoenix Minerals Inc. announced that it settled terms with Win-Eldrich Gold Inc. regarding a \$4,200,000 promissory note owed to Golden Phoenix. It will instead receive \$500,000 and 3,000,000 shares of Win-Eldrich and a 2% NSR on the Ashdown Property. *Press Release: March 4*

Lincoln Mining Corp. announced that based on recent drill results at the Pine Grove Project, resources aggregate 3,710,000 tons @ 0.043 opt Au indicated and 2,588,000 tons @ 0.037 opt Au inferred. (was 6,060,000 tons @ 0.053 opt Au inferred) *Press Release: March 18*

Animas Resources Ltd. announced that it terminated its interest in the Golden Arrow Property of Nevada Sunrise Gold Corp. (resource = 12,172,000 tons @ 0.024 opt Au, 0.33 opt Ag measured+indicated) *Press Release: March 22*

Rye Patch Gold Corp. announced that recent drill results at the Wilco Project include 80.7-97.5 meters @ 0.011 opt Au (WRC-05); 82.3-108.2 meters @ 0.010 opt Au (WRC-06); 181.5-199.2 meters @ 0.021 opt Au (WRC-07) and 117.3-199.7 meters @ 0.012 opt Au (WRC-08). (resource = 8,278,600 tons @ 0.020 opt Au measured) *Press Release: March 2*

Timberline Resources Corp. announced that based on recent drill results at the Lookout Mountain Project, resources aggregate 13,640,000 tons @ 0.021 opt Au measured+indicated and 16,420,000 tons @ 0.012 opt Au inferred. (was 4,753,000 tons @ 0.020 opt Au measured; 8,269,000 tons @ 0.021 opt Au indicated and 9,309,000 tons @ 0.019 opt Au inferred) *Press Release: March 21*

Paramount Gold and Silver Corp. announced that recent drill results at the Sleeper Project include 117.4-122.0 meters @ 0.016 opt Au (PGC11-06); 140.3-144.9 meters @ 0.039 opt Au (PGR10-06); 301.9-314.2 meters @ 0.021 opt Au (PGR10-07) and 184.5-192.2 meters @ 0.025 opt Au (PGR10-08). (resource = 11,000,000 tons @ 0.020 opt Au indicated) *Press Release: March 7*

Western Lithium Corp. announced that it completed the transaction to purchase the McDermitt Property from Western Uranium Corp. for 5,855,000 shares. (resource = 11,000,000 tons @ 0.43% Li indicated and 11,000,000 tons @ 0.42% Li inferred) *Press Release: March 11*

**"The Nevada Mineral Exploration Coalition
is the voice of Exploration in Nevada politics."**

We need your help to insure that the Exploration Community is not ignored again.

Go the www.nvmec.org and download a membership form - be part of the solution!"

PAID ADVERTISEMENTS

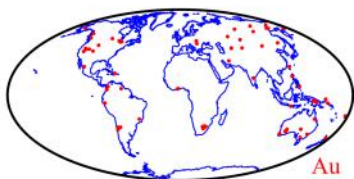
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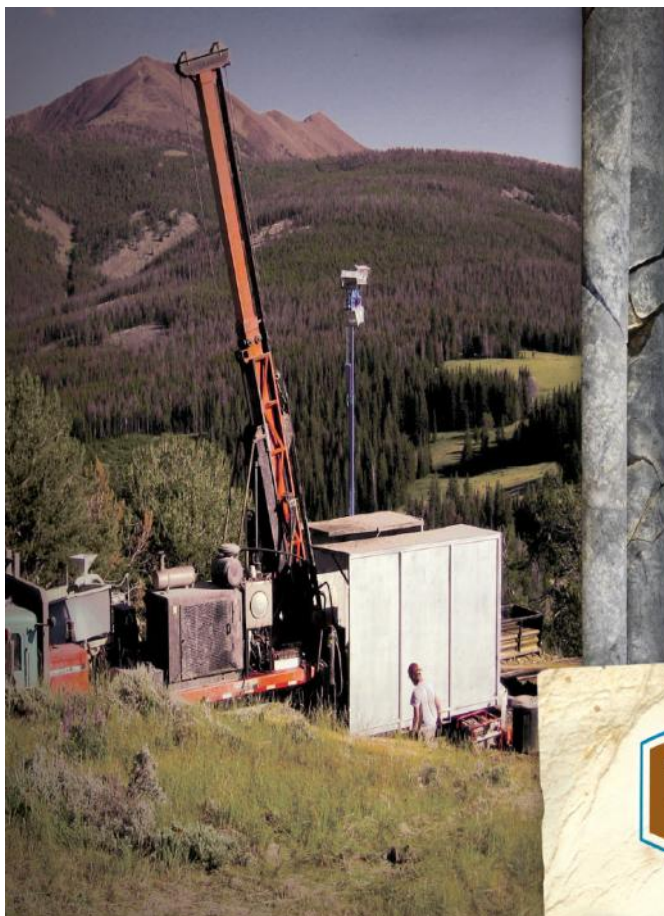
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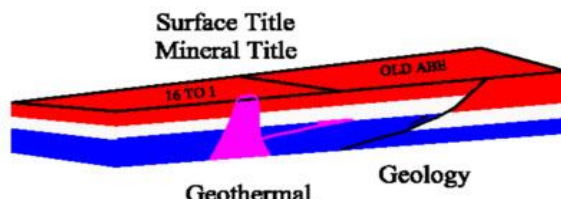
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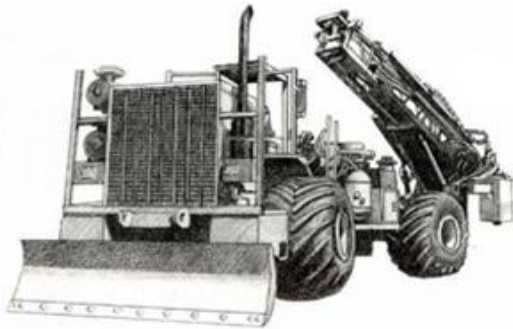
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