

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



December 2009, Vol. 24, No. 10

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CALENDAR OF GSN EVENTS

- Dec. 9 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. Sponsors for the evening will be announced. Speaker for the evening will be William G Scales, Company: Formation Capital. His talk will be titled "**Idaho Cobalt Project – Are We There Yet?**". (see abstract on page 6). For more information contact Matt Hoffer at (775) 635-4756.
- Dec. 17 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. Speaker for the evening to be announced. The sponsor for the evening to be announced. For more information contact Jim Essman at (775) 778-4374.
- Dec. 16 Wednesday** **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 Agnico-Eagle (Mark Abrams). Speaker for the evening will be Charles Greenhaw, Emeritus Professor at Great Basin College in Elko, NV. His talk will be titled "**History and Images of the Gold Rush Trail in Nevada—1849 to 1950. The Diary and Art of J. Goldsborough Bruff.**" (No Abstract Provided). Dinner reservations must be made by 1:00 PM Monday, December 14th. Contact Kathy Sestanovich at (775) 323-3500 or e-mail gsn@gsnv.org for reservations.
- Dec. 10 Thursday** **SOUTHERN NEVADA CHAPTER** *(Every Last Thursday of the month)*
The monthly meeting will be held at the Lilly Fong Geoscience building at UNLV, Room 105. Social hour begins at 5:00 pm with the speaker starting at roughly 7:15 pm. For more information contact Josh Bonde at 702-468-2500 or Swapan Sahoo at 773-402-9347.

FROM THE PRESIDENT

Mike Ressel, *GSN President 2009-2010*

It Takes All Kinds

Most of us would agree one of the most important things to understand in geology is scale, not the scale that accumulates as layers of time within our piping, but the kind we use to measure distance. In the world of geology, size matters, especially when it comes to understanding the question that you are trying to answer. What we tend not to do well is to be able to transgress between scales in our everyday work. If you're a government mapper, you work at 1:12,000 or 1:24,000, or something similar. A district explorationist works at 1:6,000. A mine geologist may work at 1:2,400 in an open pit, whereas underground, another geologist will work at, say, 1:240. "Make sure you get the big stuff," my boss would say at the Deep Star underground mine on the Carlin trend. He was referring to mapping of faults that we could track from heading to heading over some couple hundred

(Continued on page 2)

GSN DECEMBER MEETING SPONSOR



GRASSROOTS TO DEVELOPMENT

8725 Technology Way, Suite B
Reno, Nevada 89512

(775) 828-6070
FAX (775) 828-6089

May 14-22, 2010 GSN Symposium, Great Basin Evolution & Metallogeny

(Continued from page 1)

feet or so. Woo-hoo! These were often critically important in controlling the high grade, which often was multi-ounce, but what we considered to be "big", would amount to a barely visible, accidental pencil scratch left on the map of a survey geologist who smacked a No-See-Um on his or her writing hand. Very commonly, there is one, maybe two, orders of magnitude separating our respected duties. Naturally and often, a language barrier exists, kind of like a Texan talking to an Aussie. "We're speaking the same language, right?" becomes to the Texan, "Paaard-ner, weeer speekin' da say-eem lay-een-guach, riiiite?" and Aussie, "Bugga, waah spa-eekin tha sy-eem lying-wich, rye?" Obviously, there are differences in the questions we ask and the answers we put forth.

Unfortunately, we don't transgress enough. It's generally not our job. Texans don't often speak to Aussies. We often don't get paid enough to be generalists. In this age of knowledge overdrive, we perhaps get over-paid to specialize: as low-temperature, aqueous geochemists, or Lower Paleozoic carbonate stratigraphers, as Carlin-type experts, as fracture-flow fluid dynamicists, or Quaternary mappers. Truth is, having a general knowledge of many things geological is more important than we care to admit. After all, a well-rounded education is what we want out of our newly-minted graduates and new hires, and certainly those who have a good foundation, do better from the git-go. The problem with specialties is that there is often little or no tie-in to anything else. Or, we tie in with some generic modules with headings like, "Regional Framework" or "Tectonic Significance". At times, our interpretations of the small-scale become of regional significance, or vice versa. How often are these interpretations wrong? As I figure it, we are right only about 50% of the time, or kinda like betting using point spreads on the Game of the Week. Flip a coin, will ya? What do I base this on? For one, the drill hole, otherwise known as the Humbler, or is it, the Reckoner? For those who haven't had the fortune to test their mapping skills with this nifty tool be forewarned: use of this product is not recommended for those who care to be always right.

Scale was every bit apparent in this fall's field trip to the Leeville underground mine on the Carlin trend, as well as the Cortez district, which included visits to the Pipeline open pit and surface exposures in and near the Cortez Hills deposit and the Caetano caldera. From the millimeter-scale minutia of laser-mapping ore faces at Leeville to the tune of a couple of gigabytes each, to examining huge mega-breccia blocks of altered and presumably, mineralized, Wenban Limestone plopped into the Caetano caldera pudding on what must have truly been Mr. Toad's Wild Ride, geologists reveled in the curiosities which brought us to this science in the first place. Barrick's re-locating of the county road at Cortez provided many new and exciting, shall I say, expansive, exposures that have already proven useful and important for both regional mapper and economic geologist alike. The road cuts provide stunning cross-cutting relationships, which tie directly into interpretations of pre- and syn-caldera magmatism and pre-caldera gold mineralization. A rarely preserved syn-caldera pyroclastic dike is like the second coming of Krakatoa to a volcanic geologist. And, to the economic geologist, we rub hands at the thought of a caldera-displaced segment of the Cortez Hills deposit at depth. I guess what GSN field trips are good for is that they enable us to cross scales and mingle, or cross-pollinate, as the HR people would say. Seeing both sides of the equation is good a thing.

See you at the outcrop.

Mike

"...a very narrow window, through which at a distance one can see only a crack of light. As one comes closer, the view grows wider and wider until finally through this same narrow window, one is looking at the universe."
Rachel Carson, "Silent Spring"

**Membership dues must be received before December 20, 2008
for you to be included in the 2010 Directory**

Dues Renewal Deadline is December 20, 2009

You can renew your dues now by downloading the form from the GSN website:
<http://www.gsnv.org/membership.html>

Please make sure to update all information. Please consider making a tax-deductible donation to the GSN Foundation. Foundation dollars are used exclusively for the K-12 grade Field Trip Grant Program, Nevada Mapping Grants and UNR scholarships. Also, please consider donating to the Student Dinner Fund, which is used to purchase dinner for students who attend the monthly membership meetings.

***Thanks to Kappes, Cassidy & Associates for Hosting
The Reno GSN November Meeting***

GSN December 16, 2009 Membership Meeting

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

The reason we need reservations and also cancellations is because our caterer needs to know how many people to cook for. At the September meeting too much food was prepared because of no shows.

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, Monday, December 14, 2009.
Social Hour: 6:00 PM – Dinner: 7:00 PM – Speaker: 8:00 PM

\$20.00 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>



FOOD BANK
OF NORTHERN NEVADA

Back-Pack Kids

GSN to hold Food Drive to benefit the Food Bank of Northern Nevada

We will hold a food drive at our December 16th meeting to collect non-perishable food items for the Food Bank of Northern Nevada. In addition to collecting small toiletries, backpacks and canvas totes/briefcases to benefit the Food Bank's **Back-Pack Kid's** program, this year's GSN food drive will also focus on donating any kind of nonperishable foods including boxed cereals, oatmeal, rice, beans, pasta, peanut butter, powdered milk, and canned fruits, vegetables, meat and fish.

Back-Pack Kids Food Drive Requested Items

- ◆ Backpacks, canvas briefcases & totes with geologic/mining logos (You probably have a closet full of these things from conferences!)
- ◆ Kid-Friendly Individual Food Items:
 - ⇒ Easy Mac cups or packages,
 - ⇒ Individual cups or pouches of tuna,
 - ⇒ Granola bars,
 - ⇒ Individual hot cocoa packets
 - ⇒ Single-serving peanut butter packets
- ◆ Personal care items:
 - ⇒ Toothbrushes
 - ⇒ Toothpaste
 - ⇒ Chapstick
 - ⇒ Shampoo and soap (Please collect these items from motels/hotels when you travel!)

Nonperishable Food Requested Items

- ⇒ Boxed Cereals
- ⇒ Oatmeal
- ⇒ Rice
- ⇒ Beans
- ⇒ Pasta
- ⇒ Peanut Butter
- ⇒ Powdered milk
- ◆ Canned foods:
 - ⇒ Fruit
 - ⇒ Vegetables
 - ⇒ Meat & Fish



Upcoming Events

**Dec 12
Saturday**

Northern Nevada Section SME is hosting their annual Christmas Party
Program will include a social hour, dinner, dancing, and door prizes
Where: The Mandalay—Ballroom A, Circus-Circus Hotel and Casino, Reno
Cocktails & Hors d'oeuvres: 6:00-7:00 PM, Dinner: 7:00-8:30 PM
Dancing and Door Prizes 8:30 to 11:00 PM
Menu: Prime Rib or Salmon
Cost: \$55.00 per person

SME Members are encouraged to contribute door prizes, and attractive mineral specimens, jewelry, suitable art work, logo wear, and other mining related items all make good door prizes.

Anyone who wishes to donate an item for our drawing for door prizes should contact either Alan Coyner (email: acoynr@govmail.state.nv.us phone: 775-684-7047) or George Lightwood (email: glightwd@wolfenet.com , phone: 775-747-2351) to arrange for a donation.

Please make reservations, with dinner preferences, by Monday, December 7. Mail checks to: Neville Rhoden, 7024 Heatherwood Drive, Reno, NV 89523. Telephone: 775-746-4856 or E-mail: neville.rhoden@gmail.com.

Checks should be made payable to: *Northern Nevada Section of SME*

**Dec 15
Tuesday**

20th AIPG Exploration Roundup, Tuesday, December 15, 2009

Location: Reno Ramada, Sky Room, 6th and Wells, Reno (former Holiday Inn)
Time: 6:00 PM - Hosted Bar, 7:00 PM - Dinner, 8:00 PM, Program
Location: Reno Ramada, Sky Room, 6th and Wells, Reno (former Holiday Inn)
Time: 6:00 PM - Hosted Bar, 7:00 PM - Dinner, 8:00 PM, Program

For Reservations, contact Kel Buchanan: summitcrk@aol.com
775-786-4515 Fax 786-4324

This is the 20th Anniversary of this event. The sole sponsor for 20 years has been Lance Eklund and Marty Dennis, Eklund Drilling (now Boart Longyear/Eklund Drilling). Without their support, this event would not take place.

Mark Stock is continuing his tradition of crystal specimen donations for auction to benefit our UNR student chapter. AIPG will announce their speakers in their November GSN newsletter.



Note for Members receiving hard copies of the Newsletter by mail:

In 2008-2009, there were approximately 90 members that received the GSN Newsletter by regular mail. Due to the increasing costs of printing, the presort mail service and postage, the cost to members receiving the Newsletter by mail will be increased from \$60 to \$70 per year. Receiving the Newsletter by e-mail has the added benefit of receiving the Newsletter more quickly than by mail and the Newsletter can be easily archived on your computer. It is also easy to print out hard copies using Adobe Reader®. If you currently receive the Newsletter by regular mail, please consider switching to e-mail. You can download the membership application by going to this section of the GSN website: <http://www.gsnv.org/membership.html>

Thank you,
Dave Emmons
GSN Membership Chair



GSN 2010 SYMPOSIUM

MARK YOUR CALENDARS

>> May 14-22, 2010 <<

John Ascuaga's Nugget, Reno/Sparks, Nevada

*The Geological Society of Nevada invites you to attend our sixth symposium, **Great Basin Evolution and Metallogeny**. We strive to maintain a tradition of excellence, emphasizing descriptive accounts of ore deposits, new theories on deposit formation and innovative concepts of how to find the next district or deposit.*

Technical Sessions:

- Carlin-Type Deposits I and II
- Great Basin Metallogeny
- Nevada Geology and Tectonics
- Discovery Case Histories
- New Mine Developments
- Volcanic-Hosted Epithermal Deposits
- Young Au-Ag Hydrothermal Systems
- Styles of Tertiary Magmatism and Metallogeny
- Exploration Geophysics

- Intrusion-Related Deposits
- Geothermal
- Rumors from the Bush—Great Basin Exploration Update
- Outta the Box—Concepts in Great Basin Geology and Ore Deposits
- Exploration Remote Sensing
- Regional Exploration Roundup
- World Exploration
- Exploration Success—Americas

Field Trips:

There are a total of eight Field Trips

- CARLIN GOLD DEPOSITS—THREE DIFFERENT TRIPS
- EPITHERMAL DEPOSITS—TWO DIFFERENT TRIPS
- PORPHYRY AND IOGC DEPOSITS
- MODERN AND ANCIENT GEOTHERMAL SYSTEMS
- INDUSTRIAL MINERAL DEPOSITS

Short Courses:

- SEG WORKSHOP—GOLD IN 2010
- STRUCTURAL SYSTEMATICS
- FUNDAMENTALS OF NI 43-101
- MOLYBDENUM DEPOSITS
- ARCGIS
- REMOTE SENSING
- SAMPLE COLLECTION, PREP AND ANALYSIS
- ISOTOPES AND EXPLORATION

Co-Hosts:



Contact Us:

(775) 846-9766

secretary@gsnv.org

www.gsnv.org/symposium

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GSN FOUNDATION

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STUDENT FIELD TRIP FUND

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GSN Winnemucca Chapter Meeting December 9, 2009

“Idaho Cobalt Project – Are We There Yet”

William G. Scales, President
Formation Capital Corporation

Abstract: After nine years of permitting challenges, Formation hopes to begin construction on their Idaho Cobalt Project (ICP) early in 2010. The ICP includes an underground mine in Lemhi County, roughly equidistant from Salmon and Challis, and a hydrometallurgical facility in Kellogg. The cobalt-copper-gold mineralization lies along the Idaho Cobalt Belt, a northwest-trending zone of cobalt occurrences approximately 45 miles long. The Belt as described by Hughes is “virtually a one-of-a kind metallogenic province in which cobalt occurs at concentrations sufficiently high enough to make it the primary metal in the deposits”. The mine and mill will have a small footprint and includes built-in environmental protections. The nominal production rate will be 800-tons per day with a projected 10 years mine life. The hydrometallurgical facility, originally built by Sunshine Mining to handle silver-copper concentrate, will be retrofitted to handle cobalt-copper concentrate. Formation has completed a positive bankable feasibility study for the project and has received a Record of Decision from the Forest Service. When opened, the ICP will be the only primary cobalt mine in the western hemisphere. Cobalt is described by various US Government Agencies, including the USGS, as a “strategic and critical metal used in many diverse commercial, industrial, and military applications”.

Thanks to Golder Associates and CGS Mule, Inc. for sponsoring the Winnemucca Chapter’s November Meeting

WINNEMUCCA CHAPTER DECEMBER MEETING SPONSOR

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FACES OF GSN

Opal Adams, Reno, Nevada

Co-owner & Vice President, Enviroscientists, Inc.

Opal Adams started out life near Leadore, Idaho, on a ranch where pure-bred Angus cattle and Shire horses were raised. There were 19 graduates (15 girls and four boys) in her senior class, a record until just recently. Opal decided to become a geologist at age 14 after her earth science teacher required a rock collection for the class and took students on fossil hunting field trips. That dream was realized seven years later. After spending several years working and avoiding bears in bush camps all over Alaska, she realized that additional education was needed and moved to Reno to attend graduate school at Mackay.

Opal graduated from the University of Idaho with a B.S. in Geology in 1977 and Mackay School of Mines with an M.S. in Geology in 1985. She worked in the mining industry as an exploration geologist until 1995 for companies such as Noranda, The Anaconda Company, Freeport, and Independence Mining. She has over 30 years of experience working with natural resource development, mining, and environmental issues in Nevada, California, Idaho, Utah, Colorado, Arizona, Alaska, Wyoming, and Costa Rica in a variety of geologic environments. In 1995 she took a job with Royal Gold, a precious metal royalty company which changed the direction in her career from geology to resource management (from the field to a desk and computer). In 1997, Opal moved from Elko, Nevada, where she had lived for six years, back to Reno. At this point she started working in the environmental field and became a writer and editor for environmental documents.

Opal is co-owner and Vice President of Enviroscientists, Inc., a Reno, Nevada company that she started with her husband, Richard DeLong in 2000. The company has grown from three to 14 people in the Reno office and a second office in Elko with three people. Opal is responsible for company project management, budgeting, proposal writing, scheduling and oversight of employee tasks and permit acquisition from county, state, and federal agencies. She is also involved in Environmental Impact Statement (EIS) project management and preparation. Opal acts as liaison between clients and government agencies, facilitating the necessary steps in the National Environmental Policy Act (NEPA) process. She specializes in interpreting and implementing the NEPA for development projects and is responsible for organizing, preparing and managing environmental impact assessment documents. Opal is specifically responsible for designing, managing and conducting evaluations of the geology, minerals, paleontology, and visual resource areas for these documents. Opal loves photography and creates photo simulations for use in environmental documents.

Opal is currently on the Executive Advisory Board of the Mackay School of Earth Sciences and Engineering and the Executive Advisory Board of Geological Sciences and Engineering Department. She is a member of the Geological Society of Nevada (Co-Chair for five years for the GSN Symposium 2000 and an officer from 1990 through 1994, and again from 2006-2008), and is currently on the 2010 Symposium Committee. Opal served as a Trustee on the Board of the Northwest Mining Association for three years.

Opal's personal interests include photography, cats and dogs, drawing and painting, gourmet cooking, candy making, gardening, fossil collecting, reading, listening to audio books, studying the Declaration of Independence and U.S. Constitution, and global cooling.

GSN DIRECTORY ADVERTISING ORDER FORM can be downloaded from the GSN website:

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

Final Deadline

(All advertisements are due no later than December 20, 2009)

All advertisements must be camera ready, **black and white** or submitted as TIFF or JPG digital format. Please send your advertisement and check (payable to Geological Society of Nevada) by December 20, 2009 to: Geological Society of Nevada, 2175 Raggio Parkway, Room 107, Reno, NV 89512 - E-mail digital advertisements to: gsn@gsnv.org

GSN Holiday Party Rock Raffle and Silent Auction



It's time to think about donating items for the Geological Society of Nevada Foundation's fundraiser "Rock Raffle and Silent Auction" to be held at our annual Christmas meeting on December 16. We are seeking donation of any items suitable for raffle or silent auction: gift baskets, attractive rock or mineral samples, gems or gemstones, jewelry, wine or other spirits, logo items, geological equipment or publications, commemorative coins, GOLD, or any geology or mining-related items will be gratefully accepted.

Raffle proceeds support GSN Foundation's educational projects, which include grants to Nevada K-12 classes for transportation on earth science related field trips, scholarships to UNR and UNLV geology students, grants to the UNR DeLaMare Library, and grants for geologic mapping in Nevada.

Donors will have their names displayed on signs at the event as well as having their names listed in the January newsletter. The GSN Foundation is a 501(c)(3) public charity, tax ID # 88-044 7867.

Please send donated items to DD LaPointe or Rachel Dolbier at the address listed below, or call to arrange pick-up of donated items if you are in the Reno-Sparks-Carson City area. We need to have all items in hand by Monday, December 14, 2009 in order to prepare labels and make bid sheets.

Thank you for your support!

D.D. LaPointe
GSN Foundation Trustee
Nevada Bureau of Mines and Geology/MS178
University of Nevada, Reno
Reno, NV, 89557-0178

Phone: (775) 682-8772
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Rachel Dolbier
GSN Foundation Trustee
W.M. Keck Museum/MS 0168
University of Nevada, Reno
Reno, NV, 89557-0168

Phone: (775)784-4528
FAX: (775)784-1766
e-mail: rdolbier@unr.edu



LOOKING FOR GRADUATES or SUMMER (FULL-TIME)/YEAR-ROUND (PART-TIME) INTERNS?

We have what you need.



Mackay School of Earth Sciences and Engineering has students in geography, geology, geological engineering, geophysics, hydrogeology and mining engineering, taught by a faculty that combines a keen focus on field skills with hands-on undergraduate research opportunities. Our students are serious about what they do and have exceptional foundational knowledge of their respective fields of study.

Many are seeking the experience, enrichment and financial assistance that one receives from working in the mining/resource industry. To find the students or graduates from the Mackay School, call Leslie Rumph, Mackay Retention Coordinator, at 775-682-8370 or email:

University of Nevada, Reno rumph@mines.unr.edu.

Fall 2009 Field Trip Sponsors

Dinners

Friday, November 6 – The Star

Saturday, November 7 – High Desert Inn



NEWCREST
RESOURCES, INC.

Envirotech Drilling LLC

Cocktails

Friday, November 6 – The Star

Saturday, November 7 – High Desert Inn



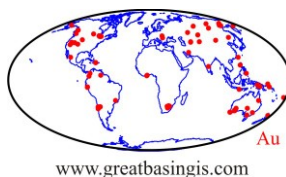
Lunches

Saturday, November 7

Sunday, November 8



Graphics



www.greatbasingis.com

ACTIVITY UPDATE

Mike Brady, October 2009

Nevada

www.activityupdate.com

Fronteer Development Group Inc.(51%) announced that recent drill results at the Long Canyon Project include 136.6-139.5 meters @ 0.118 opt Au (LC273C); 94.2-106.9 meters @ 0.216 opt Au (LC285C); 52.7-65.2 meters @ 0.367 opt Au (LC291C) and 83.7-113.6 meters @ 0.194 opt Au (LCM19). (resource = 5,288,800 tons @ 0.069 opt Au indicated) *M.J.:* September 25

Gryphon Gold Corp. announced that based on the results of a revised prefeasibility study for the Borealis Project, reserves aggregate 18,150,000 tons @ 0.021 opt Au proven+probable. (was 16,360,000 tons @ 0.031 opt Au measured) *M.J.:* September 25

Coeur d'Alene Mines Corp. announced that it is investigating the resumption of mining and leach operations at the Rochester Property. *Press Release:* October 5

U.S. Gold Corp. announced that recent drill results at the Gold Bar/West Pick Project include 320-440 feet @ 0.065 opt Au (GB70); 390-400 feet @ 0.057 opt Au (GB71); 320-325 feet @ 0.034 opt Au (GB72) and 25-45 feet @ 0.027 opt Au (GB89). *Press Release:* October 14

U.S. Gold Corp. announced that recent drill results at the Gold Bar/East Pick Project include 495-590 feet @ 0.042 opt Au (GB84); 460-525 feet @ 0.064 opt Au (GN85); 80-130 feet @ 0.028 opt Au (GB86) and 165-185 feet @ 0.052 opt Au (GB88). *Press Release:* October 14

High Desert Gold Corp. announced that it acquired an option to earn a 60% interest in the Gold Springs Property from Gryphon Gold Corp. for \$190,000 cash and \$1,000,000 in exploration expenditures over 5 years. *Press Release:* October 15

Geologix Explorations Inc. announced that it purchased an additional 32.68% interest (to hold 100%) in the Silver Cloud Property from Teck Resources Ltd. for 300,000 shares. *Press Release:* October 14

Yukon-Nevada Gold Corp. announced that it recommenced processing ore at the Jerritt Canyon facility. *Press Release:* October 20

Western Lithium Corp. announced that it acquired Rocky Mountain Resources Corp. through a 0.4032 share Western Lithium/1.0 share Rocky Mountain exchange basis. Rocky Mountain owns the Gibellini Vanadium Property. *Press Release:* October 23

X-Cal Resources Ltd. announced that based on recent studies at the Sleeper Project, bedrock resources aggregate 26,656,000 tons @ 0.025 opt Au indicated and 22,000,000 tons @ 0.017 opt Au inferred. (was 29,656,000 tons @ 0.025 opt Au indicated and 22,000,000 tons @ 0.017 opt Au inferred) *Press Release:* October 14

Victoria Gold Corp.(70%) announced that recent drill results at the Santa Fe Project include 0-309 meters @ 0.066 opt Au (BH-2). (resource = 1,718,000 tons @ 0.032 opt Au inferred) *Press Release:* October 22

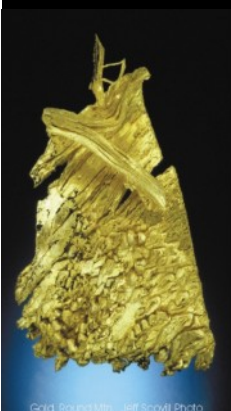
Staccato Resources Inc. announced that recent drill results at the Lookout Mountain Project include 131-137 meters @ 0.011 opt Au (BHWF-05); 152-161.5 meters @ 0.018 opt Au (BHWF-06); 186-227 meters @ 0.011 opt Au (BHWF-07) and 129.5-170.7 meters @ 0.016 opt Au (BHWF-08). (resource = 4,753,000 tons @ 0.020 opt Au measured) *Press Release:* October 19

Imperial Metals Corp. announced that recent drill results at the Sterling/144 Zone Project include 254-303.5 feet @ 0.066 opt Au (SU09-59); 142.5-355 feet @ 0.120 opt Au (SU09-71); 54-184 feet @ 0.214 opt Au (SU09-81) and 142.5-244 feet @ 0.062 opt Au (SU09-74). (resource = 214,100 tons @ 0.217 opt Au inferred) *Press Release:* October 15

Lithium Corp. and Nevada Lithium Corp. announced that they would merge on an undisclosed share exchange basis. *Press Release:* October 25



PAID ADVERTISEMENTS



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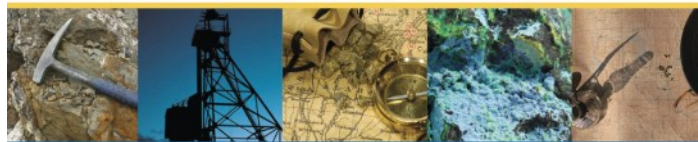
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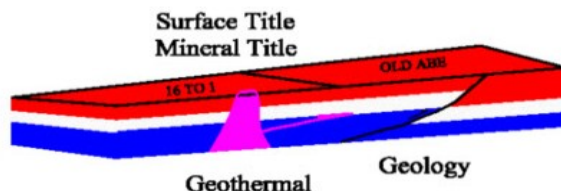
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