

Published by: The Mining Record Company

Volume 135, Number 4

THIRTEEN DECADES OF CONTINUOUS INDUSTRY COVERAGE
www.miningrecord.com

April 2024



Denver, Colorado, USA

Metals Watch (04/12/2024): Gold(0z) \$2,394.80 • Silver(0z) \$29.03 • Copper(lb) \$4.26 • Lead(lb) \$.99 • Zinc(lb) \$1.27 • Platinum(0z) \$999.00 • Palladium(0z) \$1,070.00 • Uranium \$88.75(lb) • Rhodium(0z) \$4,725.00 • Lithium(kg) \$15.41 • Coal(t) \$121.00

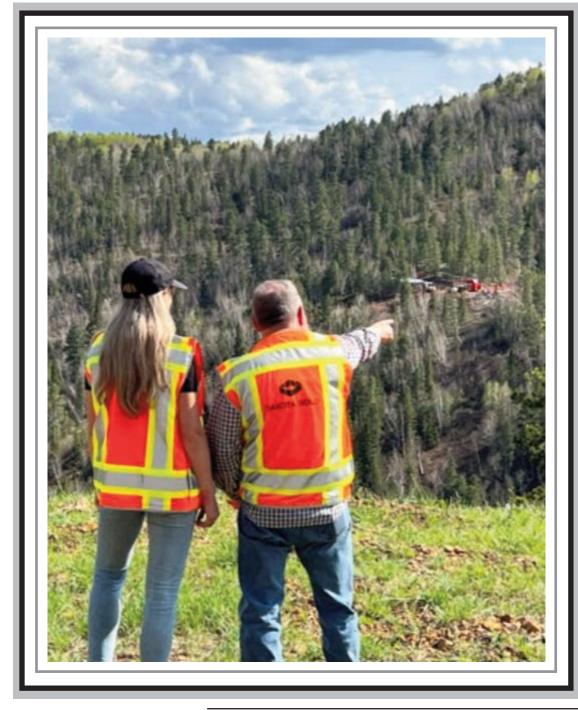
SOUTH DAKOTA

Extension Of Unionville Zone At Maitland Gold Project

LEAD, SD - Dakota Gold Corp. reported on an additional eleven drill holes from the Maitland Gold Project in South Dakota. The results from these drill holes demonstrate continuity of the Tertiary epithermal gold mineralization in the Unionville Zone at Maitland discovered in drill hole MA22C-009 (3.57 grams/tonne Gold over 36.48 meters). This type of mineralization was never pursued in the historical 40-million-ounce gold producing Homestake Mine located approximately 3 miles (~4,800 meters) to the south, and it represents an underexplored opportunity for the Company at Maitland and elsewhere on the Company's other project areas in the Homestake District.

Step-out drill hole MA23C-023, completed over 2,000 feet (~600 meters) to the north of MA22C-009, returned 6.24 grams/tonne Gold over 2.6 meters, indicating a significant extension of the Tertiary gold mineralization at Maitland. Infill drill holes MA23C-028 and MA24C-035, completed south and north of the Unionville Zone discovery hole, returned 4.44 grams/tonne Gold over 15.3 meters (including 6.47 grams/ tonne Gold over 9.6 meters) and 7.24 grams/tonne Gold over 7.3 meters, respectively.

The Unionville Zone remains open to the north and south with an ultimate strike length that could exceed 2 miles (~3,200 meters). Epithermal gold mineralization occurs along parallel structures found in the historic Maitland Gold Mine to the east and undrilled parallel structures west of the Unionville Zone discovery.



James Berry, Vice President Exploration, said, "The Tertiary epithermal gold mineralization is close to surface, and contains a mix of oxide and sulfide mineralization.

The opportunity we see at Maitland is unique in that we have the possibility to access two distinct types of mineralization, Tertiary-age epithermal mineralization near surface and Pre-cambrian-age, Homestake Mine-style mineralization at depth. Tertiary mineralization has the potential to provide a strategic entryway for exploration to the Homestake Mine-style gold mineralization encountered. The Tertiary mineralization at Maitland continues to grow, and it remains open and underexplored.

Drill results to date have only partially tested 4,000 feet (~1,200 meters) of the potential 2 miles (~3,200 meters) of Tertiary epithermal mineralization as defined by historical drill holes and

News

Major anomalies at Bradley Peak - South Pass gold camps2
Stockade Mountain drilling returns high grade gold value3
Elevated radioactivity identified at Harts Point4
Multiple oxide gold drill intercepts from East Pit target5
Reverse circulation drilling at Philadelphia Au-Ag Property7
Resource expansion focused work approval at Palmer9
Multiple new drill targets defined on Duck Creek project11
Acquisition of mining claims at Eight Dollar Mountain12
Continued high-grade zone expansion north of Atlanta Pit13
High priority targets at Daina Gold Exploration Permit15
Intercepts on the Copala Resource area17
Expanded Rochester Mine commercial production18

surface rock chip geochemistry."

The Maitland project area is an important component of Dakota Gold's exploration strategy for the structural corridor that extends from the Homestake Gold Mine to Dakota Gold's Blind Gold Property at the northern end of the Homestake District. The Maitland Property covers the Homestake iron formation extending from the Blind Gold Property target at the north end to Homestake Mining Company's North Drift gold discovery of the late 1980s to the south. In addition to Precambrian aged gold mineralization hosted within the Homestake iron formation, the property area holds several Tertiary-aged zones of mineralization, including historic mines (e.g., Maitland Mine) hosted in the younger Paleozoic sedimentary and Tertiary intrusive rocks.

The initial 37.8 mineral acres of the Maitland project were acquired in April of 2017 through an Exploration and Mining Lease and Option to Purchase Property Agreement with Trucano Novelty Inc., of South Dakota. On October 26, 2020, Dakota Gold acquired 2,112 mineral-acres from Homestake Mining Company, a wholly owned subsidiary of Barrick. Pursuant to the terms of the definitive agreement, the Company paid consideration to Barrick comprised of \$3.5 million cash and the issuance of 750,000 shares of Dakota Gold's common stock. Additionally, Barrick retained a 2.5% net smelter returns royalty on the property. From August 2021 through March 2022, Dakota Gold purchased additional surface rights over existing mineral rights of approximately 168.3 acres to facilitate the exploration of the Maitland Property. Two unpatented mineral claims were staked in late 2022 (6.4 acres) to cover fractional areas of interest on open BLM land. The project mineral rights now total 2,374 acres, all of which are located in the western portion of Lawrence County, South Dakota, USA within Black Hills Meridian, Township 5N, Range 2E, covering portions of Sections 12, 13, and 24, and Township 5N, Range 3E, covering portions of Sections 7, 8, 17, 18, 19 and 20. Annual claim maintenance fees total \$330.

Access to the Maitland Gold project is gained by traveling 2 miles north of Lead on Highway 85/14A to Central City/Blacktail and then turning and traveling northwest approximately 1.7 miles on the Maitland Road. The property is proximal to the Company's Cambrian Unconformity Property and is contiguous to Blind Gold and West Corridor Properties.

Major Anomalies At The Bradley Peak And South Pass Gold Camps

Gold Corp. reported on the 2023

VANCOUVER - Relevant airborne magnetics geophysical survey flown by the Wyoming

Geological Survey (WSGS) and US Geological Survey (USGS).



As global mining consultants, we champion sustainable, responsible processes that see beyond profit to support people and the planet.

Through our expertise across the mine life cycle, we meet the needs of now, and guide the industry to where it needs to go next.

wsp.com/mining



The regional survey covered the Company's entire 16,000hectare portfolio of projects and reveals structural and geological detail far surpassing existing mapping. Importantly, some of the most prominent anomalies highlighted by the survey are major structures at South Pass and Bradley Peak gold camps. The survey shows patterns very similar to those of Canada's Abitibi Gold Province and provides strong support for the Company's exploration thesis that Wyoming has Abitibi-style geology and gold potential.

The overall results show strong similarities to the Abitibi Gold Province, especially the Red Lake, Hemlo, and Canadian Malartic districts. Magnetic data highlight the major Archean orogenic structures of Wyoming that coincide with historical mining districts. The magnetic data agree very well with the Company's detailed mapping. Two most prominent structural/magnetic anomalies are at South Pass and Bradley Peak camps. Secondary structures revealed at both South Pass & Bradley Peak camps coincide with known high-grade gold occurrences. The magnetics

support Relevant Gold's target concepts and show where to tighten targets at South Pass. The strength of the 100 km2 Bradley Peak anomaly strongly encourages expediting drill per-

"The superb detail revealed by this government-sponsored survey is a huge step forward in understanding Wyoming's Archean geology, mirroring what's seen in Canada's prolific Abitibi Gold Province. A big thank you to the State of Wyoming and USGS for investing in mineral resource development in the state," said Brian Lentz, Chief Exploration Officer. "These initial processed results really strengthen Wyoming's connections to the Abitibi while showing that South Pass and Bradley Peak lie on Wyoming's structural Main Street - giving us some of the best discovery opportunities

in the state. We look forward to more detailed processing of the data to see what else it can show us, but Bradley Peak appears to be a monster 100 km2 structural trap which coincides closely with high-grade targets we recently generated; we look forward to accelerating exploration there."

DOC PROPERTY

Continuity Of Wide Range Grades

VANCOUVER - Hanstone Gold Corp. reported on the initial NI 43-101 compliant gold and silver Mineral Resource Estimate (MRE) on its Doc Property, located in the Golden Triangle of northern British Columbia. The Inferred MRE contains 114,000 ounces of gold and 488,000 ounces of silver, or 120,000 ounces of gold equivalent. The MRE exhibits excellent continuity through a wide range of AuEq cut-off grades up to 10 g/t AuEq with a likely elevated working cut-off at 7 g/t AuEq yielding a grade of 15.87 g/t AuEq. Previous

geophysical work identified parallel vein structures giving the MRE excellent upside future potential. Metallurgical test work achieved an overall gold recovery of 95.3%.

Andre J Douchane, Executive Chairman, said, "The initial results give Hanstone an excellent base on which to build, with the MRE expected to be commercial under certain circumstances. In addition, the MRE has an excellent potential to increase in size. Surrounding infrastructure is expanding closer, with the road to the north only a few kilometres from the Doc Project."





SEPTEMBER 24-26, 2024 LAS VEGAS, NEVADA, USA

Chairman & CEO: Don E. Howell (April 6, 1939 - April 27, 2021)

President & COO: Dale P. Howell

Editor: Don Harrison, editor@miningrecord.com Accounting HQ: accounting@miningrecord.com

Advertising: advertising@miningrecord.com

General Manager HQ: customerservice@miningrecord.com Subscriptions/Orders: subscriptions@miningrecord.com

Advertising: Display and Classified Media Kit Available upon request. Email: advertising@miningrecord.com

Subscription Rate

For U.S.: \$55 per year; Canada & Mexico: \$82 per year Foreign: \$99 per year

Email: subscriptions@miningrecord.com Published monthly - \$8.00 per copy

Regional Office: Highlands Ranch, CO USA Distribution Mail House: Commerce City, CO USA Publication Printing Facility: Tucson, AZ USA

THE MINING RECOR

Volume 135, Number 4

HEADQUARTERS:

24 KARAT RANCH Sedalia, Colorado 80135 USA

Mailing Address:

Post Office Box 1630 Castle Rock, Colorado 80104 USA

Toll Free: 1-800-441-4748 USA/Canada Tel: (303) 663-7820 • Fax: (303) 663-7823

www.miningrecord.com • Email: guestions@miningrecord.com Electronic Editorial Submissions: Email: editor@miningrecord.com

Published by: The Mining Record Company - HIE, LLC ©Copyright 2024, All Rights Reserved

Business Hours: Monday - Friday 8:00 a.m. - 5:00 p.m.

Products and/or Services advertised in The Mining Record are not endorsed by The Mining Record.

The publisher reserves the right to refuse advertising that is competitive with his publications or which, in the publisher's opinion, does not meet with the format of mining publications.

Postage: Periodicals Postage Paid in Denver, Colorado and additional mailing offices.

The articles published in The Mining Record are obtained from sources considered reliable, but are not to be construed as a solicitation for investment purposes or to buy or sell stock.



The Mining Record is published monthly by Howell International Enterprises, LLC, with Main Office locat-

Postmaster: Send address changes to The Mining Record, P.O. Box 1630, Castle Rock, CO 80104 USA.

USPS 593360 ISSN No . 022024-135001



While our company does have registered accounts, our users security is top priority. Our Facebook, Twitter, and Associated Instant Apps pages are designed with no interaction allowed at this point. Consumer Protection Agency reported that scams on social media skyrocketed by 150 percent across Facebook, Twitter and Associated Instant Apps. And the number is likely to continue climbing as more cyber crooks see social media as a fruitful target. Our users and clients security will not be compromised with these media outlets at this time. Our web security service for www.miningrecord.com site provides our users information for the industry with peace of mind. The company's website www.miningrecord.com is universal with complete availability through desktop, laptop and all mobile devices. It will remain our focal form for online media access to our users and clients.

Stockade Mountain Project Drilling Returns High Grade Gold Value

VANCOUVER - Austin Gold Corp. reported on the third diamond drill hole at its Stockade Mountain Project located in Malheur County, Oregon. The third hole returned a high gold value of 9.32 g/t from a 2.7 foot (0.82 meter) interval of chalcedonic vein and breccia. Hydrothermal alteration and mineralization in the hole are exceptionally strong and the rock is completely oxidized to the bottom of the hole.

This third hole (SM-24-04)1 was drilled due north from the site of SM-23-02 at an inclination of -72.5 degrees. Although the gold intervals are not interpreted to be one of the targeted high grade "feeder" veins to the high level stockwork gold mineralization, geological indications are that they are at greater depth and in this general area. AUST is planning a RC drill program to continue the exploration for the hypothesized high-grade vein systems.

As previously reported, the initial two holes confirmed that the mineralizing system at Stockade Mountain is robust and contains significant gold grades, with the strongest intercept of 8.19 g/t over 4 feet (1.2 meters) and several other gold intercepts of interest.

This third hole continues to demonstrate the strength of the hydrothermal system and the potential for significant gold mineralization within the project area.

Stockade Mountain is a classic low-sulfidation/hot springs gold and silver exploration-stage project with a history of significant exploration work in the late 1980s and early 1990s. At that time, targeted mineralization was near-surface gold deposits minable by open pit methods.

The last hole drilled at Stockade was in 1993 by Placer Dome, and until Austin's current drill program, no drilling had targeted high-grade veins minable by underground methods that are hypothesized to occur below the known lower grade stockworks mineralization. The Company's drilling program was designed to test be-neath the known highlevel gold/silver-bearing stockworks mineralization for highgrade vein deposits formed deeper in the hydrothermal system. This is the first known use of diamond drilling on the property, which allows the Company to have a better understanding of the host rocks and mineralization. Due to extremely difficult ed lode mining claims that cover ground conditions caused by mud and snow, this initial program has been limited to the completed three core holes.

The Stockade Mountain Project consists of 261 unpatent-

an area of 6,790 acres, located in Malheur County, Oregon, approximately 85 kilometers southeast of Burns, Oregon, and 150 kilometers southwest of Boise, Idaho.



RESPONSIBLE — ACCOUNTABLE — RESULTS

NAYLOR PIPE

...Serving The Mining **Industry** For Over 95 Years

Need pipe for water, high and low-pressure air, ventilation, tailings or slurry lines, sand and gravel or other product lines? Naylor has the right pipe for your application.

Available in carbon steel and alloys from 4" to 96" and wall thicknesses from 14 gauge to 1/2" Naylor offers the necessary fittings, couplings, fabrications, coatings and linings to provide you with your complete pipe system.

For more information. call or E-mail us for our catalog.



Industry Leader Since 1925

NAYLOR PIPE COMPANY 1230 East 92nd Street Chicago, IL 60619 773.721.9400 • Fax: 773.721.9494 E-mail: sales@naylorpipe.com www.naylorpipe.com





Building Together

Cementation is a premier worldwide shaft sinking engineer and underground contractor, with a significant volume of underground development, raise boring, underground construction, mechanized raising and production mining work. We have a full service, in-house discipline engineering group allowing single source accountability. Proudly we support our clients throughout all stages of their projects. We deliver on our promises, and together with our clients, we build their mines, safely.







Cementation Americas

Mine Development & Construction • Shaft Sinking • Raise Boring • Contract Mining Mining Material Handling Solutions • Crushing & Conveying Systems • Mobile Stacking Systems Feasibility & Design Engineering • Project & Construction Management

cementation.com

Elevated Radioactivity Identified In Both Initial Drill Holes At Harts

VANCOUVER - Kraken Energy Corp. as completed its maiden drilling program at the Harts Point Uranium Property in San Juan County, Utah. The Phase I drilling program tested two targets spaced 5 kilometers (km) (3.12 miles) apart, focused on confirming the presence of uranium mineralization indicated by radiometric anomalies in

three historic oil wells on the Property.

"Our team is very pleased with the initial results from our maiden drilling program at Harts Point," said CEO Matthew Schwab. "With the discovery of Lisbon Valley originating from the initial drilling of 7 holes over a strike length of 1.5 km, where only 3 drill holes intersected

radioactivity, it gives us great confidence in the Property after drilling only two holes over a 5 km distance and intersecting elevated radioactivity in both."

"We look forward to continuing our work in Utah as we move forward with advanced exploration across our portfolio of exciting properties and look to capitalize on the project's exceptional potential to discover a trend of high-grade uranium deposits located within a promining jurisdiction."

Drillhole HP24-001 intersected a total of 12.9 meters (m) (42.3 feet (ft) of elevated radioactivity with downhole probe readings from 252 counts per second (cps) up to 653 cps from 151.5 to 421.5 m (497.0 to 1,382.8 ft), including

270 to 653 cps over 1.0 m (3.2 ft) from 415.1 to 416.1 m (1,361.9 to 1,365.1 ft). Drillhole HP24-002 intersected a total of 16.2 m (53.1 ft) of elevated radioactivity with downhole probe readings from 252 cps up to 2,162 cps from 107.8 to 390.4 m (353.6 to 1,280.7 ft), including 263 to 2,162 cps over 2.4 m (7.9 ft) from (1,261.2 to 1,269.1 ft).

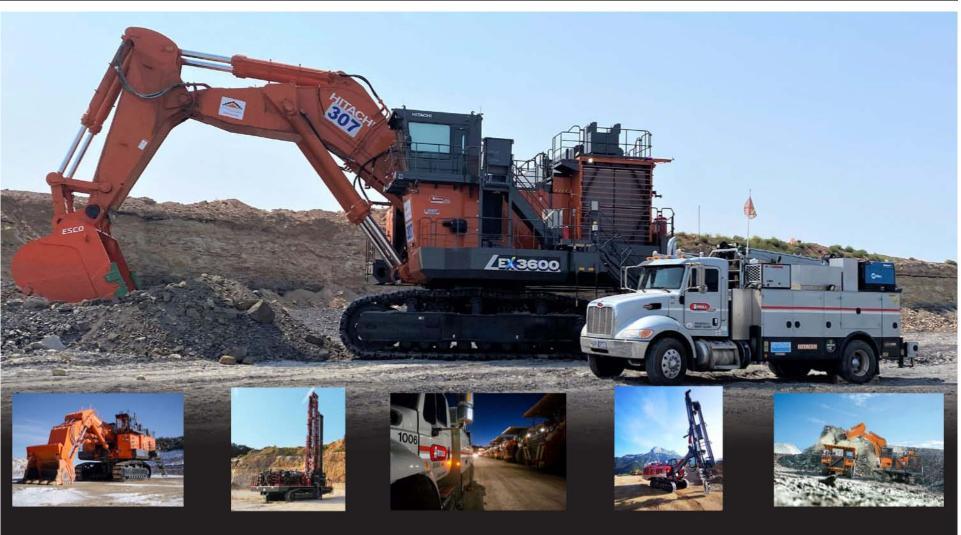
Clive Massey, President & CEO, said, "We're thrilled that our Joint Venture Partner, Kraken Energy has successfully completed their maiden drilling program at our Harts Point project in Utah. The discovery of uranium on the Harts Point anticline marks a pivotal moment in Colorado Plateau exploration as it validates our theory that uranium is not solely confined to the Lisbon Valley anticline indicating other known salt anticlines are also prospective for uranium. This success of the phase 1 program underscores the commitment of our combined Technical team's ability to find and explore previously overlooked potential uranium deposits on the plateau."



(303) 567-4174 www.minenv.com

MINING & ENVIRONMENTAL SERVICES, LLC General Manager: Mark Levin, P.E.





YOUR COMPLETE LINE DEALER FOR HITACHI HAULERS, EXCAVATORS, AND RTDRILL DTH AND ROTARY DRILL RIGS.

SERVING ELKO SINCE 1983.



MINING LOCATIONS
ELKO | SALT LAKE CITY | TUCSON | GILLETTE
arnoldmachinery.com

WE'RE HIRING! SCAN TO VIEW OPEN POSITIONS





CUSTOMER SATISFACTION IS OUR ONLY POLICY®

ARIZONA

New Hope Potential Porphyry Center In Lithocap Alteration

VANCOUVER - Almadex Minerals Ltd. reported on the New Hope copper porphyry project in Arizona. The 958.7 hectare New Hope project covers a roughly 3.5 by 1.5 kilometre area of intense hydrothermal alteration developed in volcanic rocks and crosscutting intrusive dykes. The observed hydrothermal alteration is characteristic of the upper levels of a porphyry system. The project was acquired in 2023 by staking and broad scale mapping of the lithocap was carried out prior to the more detailed work reported.

The results of geologic field work and sampling carried out in December of 2023 have been compiled. Detailed mapping has now been conducted over a portion of the alteration zone in the central area of the project. Previously defined muscovitic (phyllic) alteration to the northwest remains to be mapped in detail. Within the area mapped, exposed advanced argillic alteration was identified to the northeast, and to the southwest an exposed set of porphyry-related veinlets was defined in limonitic alteration. This zone of quartz veining is currently interpreted to represent a potential centre to the porphyry system at New Hope. The observed zone of veining is an approximately 600 metre in diameter semi-circular area. The veins and veinlets are sheeted light to dark grey, semitranslucent quartz and magnetite with banded textures. Fluid inclusion petrography on these veinlets indicate that they were formed by vapour rich fluids. These types of veinlets are interpreted to be typical of shallowlevel emplaced porphyry systems and above the level at

which main stage porphyry-style copper-gold mineralisation is to be expected. Within this broader area, two inner zones about 200 metres and 100 metres in diameter were mapped where veinlet densities of greater than 10 per metre were observed. To date 78 rock grab samples have been taken on the property from outcrop, subcrop and float in the alteration zone. While the area is weathered and the level of erosion is above that of where main stage porphyry mineralisation would be expected, elevated gold and molybdenum results were returned.

Several orientation lines of soil samples were also taken to determine amenability of the area for a more detailed soil sampling program. This included four lines over the area of veining and one line over the area of advanced argillic alteration to the northeast. Anomalous Ag-Mo-Cu-Au and Bi results were returned for these test lines, aiding the interpretation that the mapped zone of veining represents a porphyry centre within the alteration footprint.

Almadex plans to continue detailed mapping and further soil sampling to better define the entirety of the lithocap and to develop a complete set of targets for a future exploration drill program.

J. Duane Poliquin, Chairman of Almadex commented, "It is thrilling to define a potential porphyry centre early in our exploration program at New Hope. We look forward to further exploring the project area and moving the project towards a first phase drill program in 2024."

EAST PIT, COUNTY LINE PROPERTY

Multiple Oxide Gold Drill Intercepts At And Near Surface

COLORADO SPRINGS, CO - Fortitude Gold Corp. announced multiple oxide gold drill intercepts at and near surface from the East Pit target located on the County Line Property. Intercepts include 16.76 meters grading 2.19 grams per tonne (g/t) gold, 7.62 meters grading 1.28 g/t gold, and 6.10 meters grading 1.49 g/t gold. Fortitude Gold is a gold producer, developer, and explorer with operations in Nevada.

The County Line East Pit reverse circulation drill program builds on the July 2023 drill results where 38.10 meters intercepted 0.75 g/t gold including 3.05 meters grading 2.11 g/t gold. This program intercepted multiple intervals of oxide gold mineralization grading in excess of 1 gram per tonne at and near surface. The East Pit is located approximately 500 meters southeast of the main County Line historic open pit. The Company targets near term County Line gold production from both pits.

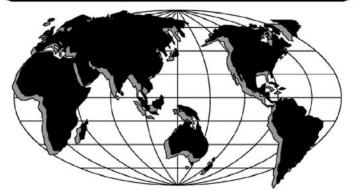
The County Line project is located approximately 26 kilometers northwest of the operating flagship Isabella Pearl gold mine via paved Nevada State Route 361. The Company targets County Line ore feed for its Isabella Pearl operation. The proximity of the two properties is expected to allow the trucking of ore from the County Line property to the Company's Isabella Pearl Project with its existing heap leach pad and gold processing facilities. The Company filed a Plan of Operations with the Bureau of Land Management in 2023 and targets the County Line project as its second Nevada gold mine.

"This drill program consistent-

ly intercepted much higher-grade gold than we have previously encountered at County Line's East Pit and looks to be a new discovery of a high-grade gold feeder zone under the pit," said Allan Turner, Vice President of Exploration. "We await the results of additional assays from this area, but thus far these drill results

would indicate we have added ounces at East Pit, and it is likely to have a higher grade associated with it than we previously thought. Mineralization at East Pit remains open to the north, south, and east, and mapping and surface sampling programs have identified two additional nearby drill targets."





- Surface and Underground Mine Evaluation
- Exploration Project Development
- Mine Design and Planning
- Production Scheduling and Strategic Planning
- Resource Modeling / Reserve Estimation
- Evaluation of Expansions or Acquisitions

www.imctucson.com

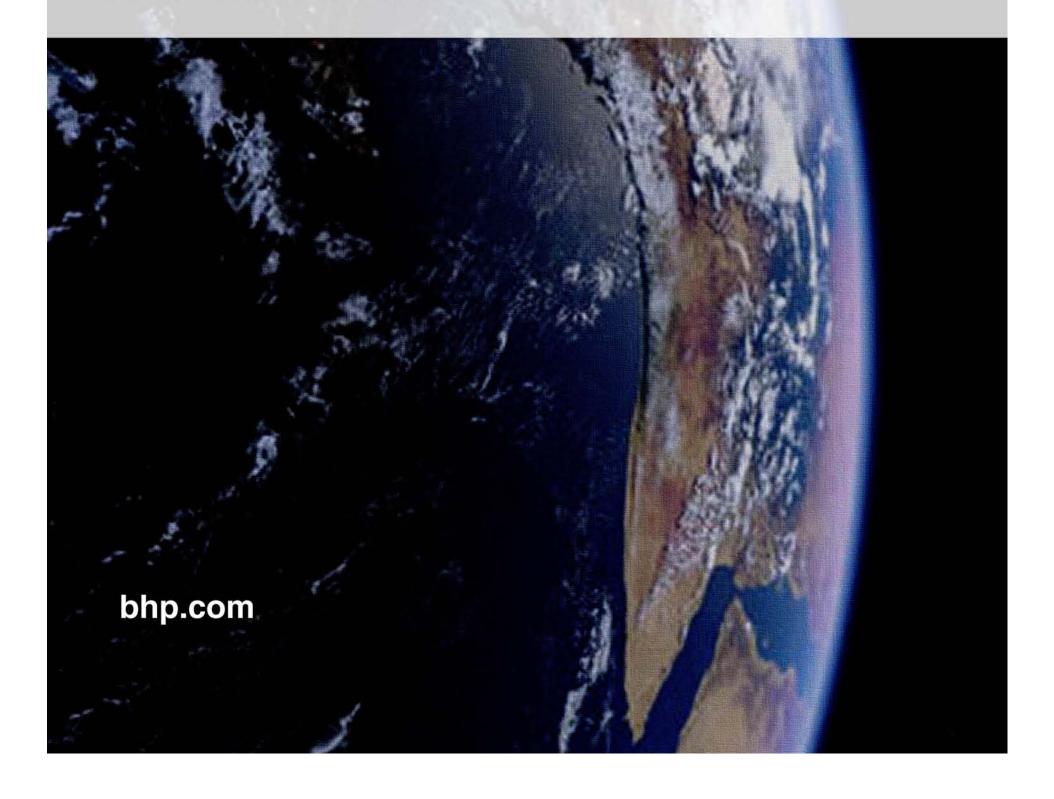
Tel: (520) 294-9861





Our new purpose...

To bring people and resources together to build a better world.



Acquisition Multiple Past Producing Mines And Deposits In Lisbon Valley

VANCOUVER - Sassy Gold Corp. reported on its ongoing uranium property acquisitions in the Western United States, strategically positioning Sassy as the most dominant landholder with multiple past producing mines and deposits in Lisbon Valley, Utah, historically the state's most productive uranium district.

Sassy's binding LOI's now include a Utah state lease contiguous to the claims comprising the Central Lisbon Project (without change to the terms of the Transaction).

The total Lisbon Valley land package to be acquired by Sassy (North Lisbon and Central Lisbon) encompasses approximately two-thirds of this entire past producing district (16 miles long and up to 1 mile wide) which was responsible for 78 million pounds of uranium production between 1948 and 1988, 9% of total U.S. domestic uranium produced during that period, mostly from the lower member (Moss Back) of the Chinle Formation. Significant new discovery potential exists in the underlying and under-explored Cutler Formation which hosts massive sandstone units and was determined to be an economic host in the late 1970's. Except for the Jackpile-Paquate area in Cibola County, New Mexico, the Lisbon Valley in Utah has produced more uranium than any area of similar size in the United States.

In addition to uranium, more than 24 million pounds of vanadium oxide (V2O5) was associated with some of the ores, especially in the central and southern parts of Lisbon Valley.

Mark Scott, President and CEO, said, "We are proceeding toward completion of the definitive agreement. Utah is one of America's most friendly and dynamic jurisdictions for business and also features the country's only operating conventional uranium mill, Energy Fuels' White Mesa. Not only is the Independence Property permitted for small-scale production, but this deal gives us dominance in the critical Lisbon Valley District where there is exceptional exploration upside. We're assembling a team with the ability to unlock the value of these assets, highlighted by 14 past producing properties, and leverage the opportunity for Sassy shareholders."

Reverse Circulation Drilling At Philadelphia Gold-Silver Property

VANCOUVER – Arizona Gold & Silver Inc. reported that equipment is on site for reverse circulation (RC) drilling on the Philadelphia Gold-Silver Property, located in Mohave County, Arizona.

Greg Hahn, VP Exploration, said, "We are excited to resume drilling on the Philadelphia property. This round of drilling will test the entire 400 metre strike length of the Resaca patented claim, a segment of the vein system that has never been drilled before. This is despite the presence of old high grade mine workings at the north end of the claim. Similarly, there is reported high grade in a historic vein intercept at the south end of the area to be drilled (on the adjacent Rising Fawn claim). The overall objective of this drilling program is to complete drill testing of the shallow portion of the vein system and help establish priorities for drilling down dip."

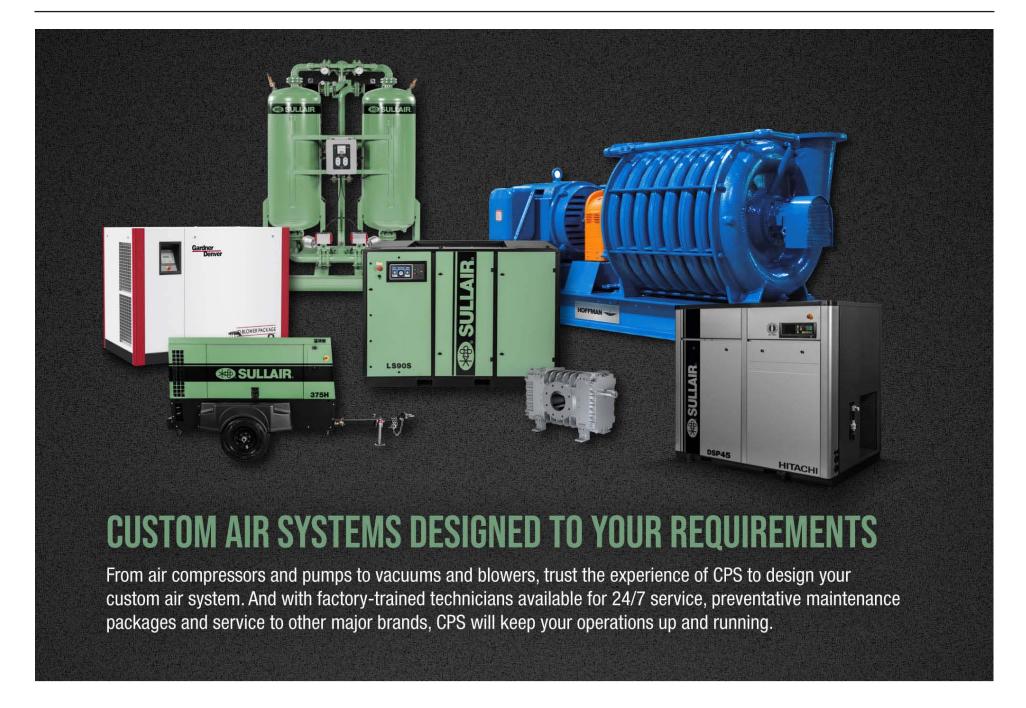
Reverse circulation (RC) drilling will commence on the north end of the Resaca claim, immediately south of the historic R1 shaft, which is the southernmost shaft to access historic mine workings. It will then progress southward. Historic channels samples from 1930 along the R1 shaft down to the water table at



the 100-level returned 21.34 metres (m) at an average grade of 8.33 grams per tonne (g/t) gold (0.242 opt Au). Such grades were the target of historic mining activity. Company geologists have determined that this shaft followed the hanging wall (HW) vein above both the stockwork interval and FW vein. The HW vein is buried by alluvium to the south of the R1 shaft.

Company channel sampling at surface has traced the footwall (FW) vein and returned a 3m interval grading 11.6 g/t gold and 658 g/t silver. Furthermore, sam-

pling has established that excellent mineralization continues along the entire length of the ridge that forms the center line of the Resaca claim. In 1982 Meridian Minerals drilled a RC hole near the claim boundary of the Resaca claim (on the Rising Fawn patented claim). The drill hole intersected 32.1m at 1.0 g/t gold, including a FW vein assay of 1.5m at 22.8 g/t gold. The Meridian hole did not go deep enough to intersect the entire stockwork zone and the HW vein: it was drilled from the west





SALT LAKE CITY | ELKO | RENO | BOISE | IDAHO FALLS COMPRESSOR-PUMP.COM

HARRIS EXPLORATION

DRILLING & ASSOCIATES INC.





Harris Exploration Drilling and Associates offers a full array of drilling capabilities including dual tube reverse circulation, air/fluid rotary, air rotary casing hammer, down hole casing advance (Symetrix & Holte Systems) on both vertical and angle projects. *Now offering sonic and dual rotary specialized drilling services.*



ALL TERRAIN DRILLING WITH TRACK MOUNTED WIRE LINE CORE DRILLS, TRACK AND BUGGY MOUNTED DUAL TUBE DRILLS AND TRUCK MOUNTED MUD ROTARY EQUIPMENT.

SPECIALIZING AND EXPERIENCED IN MINERAL EXPLORATION, TESTING, DEVELOPMENT - EXTENSIVE LITHIUM EXPERIENCE. ALSO SPECIALIZING IN CLAY AND BRINE TESTING, GEOTHER-MAL AND MONITOR WELLS.

We also offer coring, reclamation/pad construction and heavy haul transportation of equipment between drill sites. Harris operates truck, track and buggy mounted equipment, We have a facilities yard in Fallon Nevada and our administration office is located in San Diego, California. We have equipment in Nevada, California and Arizona.

HEADQUARTERS:

Mailing Address P.O. Box 5579 Fallon, NV 89407 USA

Telephone: (775) 867-4004 Fax: (775) 428-6343

EQUIPMENT YARD & SHOP: 19 Scheckler Cutoff

Fallon, NV 89406 USA

EXPLORING ANY TERRAIN SINCE 1956



harrisexploration.com

Pat Harris

Sales & Contract Manager Cell: (760) 822-7886 Tel: (775) 867-4004

pat.harris@harrisexploration.com



An Industry Leader

www.earthdrilling.ca

Garth Patterson
Operations Manager
Tel: (403) 803-9552
Tel: (775) 481-6599

garth.patterson@harrisexploration.com

SOUTHEAST ALASKA

Resource Expansion Focused Work Approval At Palmer Project

VANCOUVER - American Pacific Mining Corp announced the 2024 budget and resource expansion-focused work program at the Palmer Project located in Southeast Alaska. Constantine North Inc., a subsidiary of American Pacific, is the operator for the Project, which is under a joint venture (JV) partnership with Dowa Metals and Mining Alaska Ltd. (Dowa).

The 2023 program delivered the best four copper intercepts drilled to date at Palmer, highlighting the opportunity to define copper-rich zones within the known mineral resource envelope. New interpretations developed following the 2023 campaign have the opportunity to further impact the grade and tonnage profile by targeting areas with similar signatures and structural settings.

The 2024 program has been designed to continue expanding the known extent of the high-grade copper mineralization within South Wall Zones 1 and 2. The 2024 program will also include a series of step-out drill holes to test the nearby North Wall Target. The North Wall Target represents a potential fault offset extension of the South Wall mineralization that has not yet been adequately tested.

Warwick Smith, CEO, said, "During the 2023 resource definition program, our team discovered thick copper mineralization within the known mineral

resource envelope. In 2024, we will look to leverage and build upon last year's high-grade results while aiming at expansion through step-out and extensional drilling along the highgrade trends in addition to discovery-focused drilling at the adjacent North Wall Target. The North Wall alteration zone represents an outstanding and untested, near-surface target with very limited historical drilling. We look forward to another productive year with our joint venture partner with plans to update the mineral resource estimate by year-end."

In 2024, the operations teams will focus on expansion drilling to identify lateral and downdip extensions of the South Wall of the Palmer Deposit, targeted structural investigation drilling in South Wall Zone 1 designed to follow up on the high-grade intersections of the 2023 drill program, and exploration stepout drilling to test the North Wall alteration zone. Preliminary interpretation of the copper-rich core mineralization within South Wall Zone 1 indicates potential for several secondary cross-cutting structures. Understanding and targeting structural controls on mineralization zoning in 2024 will help refine and inform the local and regional diamond drilling strategy.

The North Wall Target is less than 200 metres from the edge of South Wall Zone 1. This zone is newly interpreted as the fault offset and the eastern extension of Zone 1 mineralization. The alteration zone at the North Wall Target has strong geological and geochemical similarities to South Wall, but has seen limited drill testing along the 500-metre mapped strike length. Historical surface mapping has identified in-situ copper-zinc-barite miner-

alization leading the way to the potential of a South Wall Zone eastern extension.

The 2024 drilling campaign is being completed under an approved Plan of Operations from the Bureau of Land Management. In support of future programs American Pacific's subsidiary, Constantine, the project operator, is pursuing authorization from the Alaska Department of Natural Resources for an updated Plan of Operations outlining the additional work programs needed for pre-feasibility level data gathering over the next five years.







We are excited to let you know our website has been revamped.

Original Creations, Inc. is family-owned and operated right here in Helper, UT. Since our company opened in 1980, we've treated every customer like they matter. Other companies may offer similar services, but our services come with a personal touch.

Celebrating

44 Years

in business



Your source for mining gifts, mining related artwork, safety awards, retirement gifts, mine rescue awards, and so much more!







original-creations.com

1310 W. 2060 N. • Helper, UT 84526 Phone: (435) 637-0159 • Email: danny@original-creations.com

Multiple New Drill Targets Defined On Duck Creek Project

VANCOUVER - Inflection Resources Ltd. reported on the Duck Creek project in New South Wales, Australia. Surveys have been conducted as part of a multi-year Exploration Agreement with AngloGold Ashanti Australia Limited. Results from three separate geophysical surveys completed on the northern Duck Creek exploration license have been received and interpreted. The surveys include Ambient Noise Tomography (ANT), a ground gravity study and an Induced Polarisation/ Magnetotellurics (IP/MT) survey. The ANT survey completed by Fleet Space Technologies was considered successful and clearly highlights several previously unknown features of interest in the prospective basement sequence. The different features of interest are interpreted to represent potential intrusive bodies, zones of hydrothermal alteration and kilometre-scale structures. A ground gravity survey has provided much needed higher resolution data to guide the positioning of additional drill holes. Several distinct gravity features have been identified

Operation Plan To Resume Drilling On Buckhorn 2.0

VANCOUVER - Adamera Minerals Corp. has submitted a proposed Plan of Operation to the US Forest Service (USFS) to drill 6 priority gold targets on the Buckhom 2.0 gold property near the past producing Buck-horn Gold Mine in Washington State. Proposals for drilling other gold targets on Buckhorn 2.0 are being submitted for State and BLM managed lands.

Mark Kolebaba President & CEO, said, "A renewed interest in the gold sector provides the opportunity to resume drilling the many gold targets on Buckhorn 2.0."

which will require drill testing with the gravity lows interpreted to represent possible deep-seated intrusions at depth, and next phase of Duck Creek drill holes have been defined by combining data from the ANT, magnetic and gravity surveys with drill hole sample geochemistry and alteration identified in Inflection drill core.

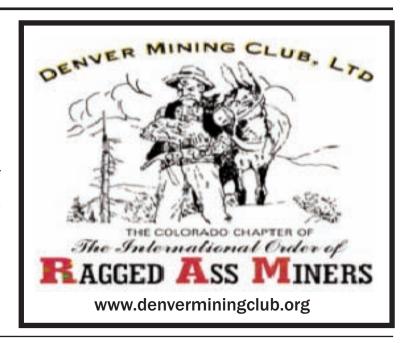
Alistair Waddell, President and CEO, said, "We are extremely pleased with the results of the geophysical surveys conducted at Duck Creek. The interpretation of the survey data has identified several new priority targets to be drill-tested as part of the ongoing exploration programs in New South Wales. The ANT and gravity data have proven particularly valuable in enhancing the Company's understanding of the prospective basement sequence beneath the blanket of post-mineral sedimentary cover. We very much look forward to completing the next phase of drill holes where we will test some of these large-scale, previously unknown targets, many of which are located in close proximity to areas where highly favorable porphyry-style alteration was previously intercepted in earlier Inflection drilling."

Three separate geophysical surveys were completed on the northern Duck Creek exploration license including Ambient Noise Tomography, an Induced Polarisation/Magnetotellurics (IP/MT) survey and a ground gravity study.

The principal objective of these surveys was to enable the more accurate positioning of further drill holes, which when combined with geochemical data and alteration mapping collected from earlier Inflection drilling, would likely provide vectors toward alkalic porphyryrelated copper-gold mineralisation at depth.

Drilling is currently focused on testing new regional targets in the north of Inflection's portfolio. With the completion of the geophysical surveys, we anticipate further drilling at Duck Creek.

The Company anticipates an extensive follow-up drill program to commence at Duck Creek following the ongoing scheduled, first-pass drilling underway on the various northern New South Wales targets.







12 THE MINING RECORD APRIL 2024

Acquisition Of Mining Claims At Eight Dollar Mountain



TORONTO – Spruce Ridge Resources Ltd. has staked several mining claims at Eight Dollar Mountain, an area containing nickel laterite located in southwest Oregon.

Steve Balch, President and CEO, said, "Eight Dollar should be considered a grass-roots property, but we know it contains nickel laterite from historic exploration. We now have four properties in Oregon, two with historical nickel resources (Cleopatra and Red Flat), one with nickel sulphide intersections in drillcore (Shamrock) and now more nickel laterite at Eight Dollar. We also retain our interest in the Great Burnt Copper and South Pond Copper and Gold properties in Newfoundland, currently under option to Benton Resources, and are one of Benton's largest shareholders."

Eight Dollar is located in Josephine County, southwest Oregon just west of the town of Selma. A total of 115 mining claims were staked totaling 962 ha (2,376 ac) covering most of the west side of the mountain. Information on Eight Dollar dates to 1942 when it was explored by the Freeport Sulfur Company. The area contains several discovery pits and shallow shafts.

Over the years, discovery pits were enlarged, and access roads installed with some bulk samples taken by backhoe. The area was assessed as recently as 2018 by the Department of Geology and Mineral Inventories (DOGAMI). Commodities include nickel, cobalt, and molybdenum. Several occurrences of nickel laterite have been mapped over a wide area at Eight Dollar.



Engineered Casting Repair Services, Inc

Engineering Affiliate of

METALOCK® CORPORATION

"The Technology Leader in the Crack Repair Industry"

Any Crack...Anywhere...Any Time

Analysis and Repair of Cracked and Eroded Ball and SAG Mill Trunnions, and Heads.

Phone: (225) 791-8900

Fax: (225) 791-8965

email: metalock@eatel.net

You Know It's Cracked - How Do You Fix It?

Jonny Bream

Continued High-Grade Zone Expansion North Of Atlanta Pit

VANCOUVER Nevada King Gold Corp. reported on four vertical, reverse circulation (RC) holes and one vertical, PQ-diameter diamond core hole completed in the northern portion of the West

Best Intersection To Date At Hog Heaven Project

PHOENIX, AZ - Ivanhoe Electric Inc. announced a significant intersection of copper in high-sulfidation epithermal mineralization at the Hog Heaven Project located on private land approximately 50 miles southwest of Kalispell, Montana. Since the earliest drill holes at Hog Heaven, the Company has identified the widespread sulfide mineralization containing a wide variety of both base and precious metals seen throughout the system. This is the smoke to a potentially special porphyry system. Ivanhoe will continue to drill deep, and around the clock at the Hog Heaven and Tintic pro-

Drill hole HHD-014 intersected several zones of copper, gold and silver-rich mineralization hosted in both the volcanic diatreme and surrounding sediments. Mineralization manifests as both enargite and pyrite in disseminations and diffuse veins within the volcanic rocks.

Significant thicknesses of this disseminated and vein-hosted mineralization have been intersected: 82 meters at 0.63% copper, 0.32 g/t gold and 37.8 g/t silver from 568 meters; This interval includes some exceptional grades, best represented by a series of enargite-pyrite veins at 5.78% copper, 2.2 g/t gold and 264.7 g/t silver over 3.95 meters from 631 meters; and the highest single assay in this vein zone returned 21.7% copper, 3.94 g/t gold and 510

The single 21.7% copper assay was capped to 10% to avoid overestimation and grade smearing within the reported intervals. If this capping is removed, the 82 meter interval runs 0.79% copper, 0.32 g/t gold and 37.8 g/t silver from 568 meters, and the 3.95 meter vein interval runs 9.13% copper, 2.2 g/t gold and 264.7 g/t silver from 631 meters.

g/t silver over 1.1 meters from

632 meters.

Atlanta Graben Zone (WAGZ) at its at its 5,166 hectares (51.6km2) Atlanta Gold Mine Project, located in Battle Mountain Trend, Nevada. Mineralization occurs along near-horizontal horizons with true mineralized thicknesses estimated to be 85% to 95% of reported drill intercept length.

Core hole AT23WS-23C.1 intercepted 4.51 g/t Au over 86.3m including 7.77 g/t Au over 48.6m and was collared 6m north of RC hole AT23WS-23, which intercepted 2.45 g/t Au over 102.1m. AT23WS-23C.1 was planned to provide metallurgical material for the ongoing Phase II test work program, as well as to verify the RC drilling. While core hole AT23 WS-23C.1 shows a 60% increase in overall grade, a comparison of gold distribution in AT23WS-23C.1. With AT23WS-23 reveals close lateral correlation. This is particularly evident when comparing elevations of the upper highgrade zones and the lower highgrade zones. The sub-horizontal geometry of these zones suggests higher grade mineralization along low-angle bedding features or breccia horizons.

The high-grade intercepts in AT23WS-23C.1 and adjacent AT23WS-23 also add definition to a developing, northwest-trending high-grade zone along the axis of the WAGZ that currently spans

200m long by 70m wide.

Relative to the location of AT23WS-23C.1, other previously reported holes of note within this zone include: 1) AT23WS-44 (11.64 g/t Au over 108.2m) located 56m southeast. 2) AT23WS-53 (2.72 g/t Au over 64m) located 34m to south. 3) AT23WS-62 (6.09 g/t Au over 41.5m) located 41m southwest.4) AT23WS-34 (1.74 g/t Au over 114.3m) located 82m to the southeast. 5) AT23WS-56 (1.55 g/t Au over 94.5m) located 108m southeast.

At least two high-grade feeder zones appear to be responsible for this well mineralized zone. Holes AT23WS-23C.1, AT23WS-44, AT23WS-34, and AT23WS-56 most likely share the same NWtrending basement structure, whereas AT23WS-62 probably tapped into a different structure with a different orientation. It is also important to note the high proportion of holes that bottomed in mineralization and did not fully penetrate both of the high-grade horizons described. The Company is currently re-drilling these holes along the NW trend connecting AT23WS-23C.1 and AT23WS-44 in order to obtain representative Au/Ag grade averages through the entire mineralized sequence.

Holes AT23WS-58 and AT23 WS-59 intercepted 0.75 g/t Au over 83.8m and 0.86 g/t Au over 61.7m, respectively, filling in a previously untested 45m-wide gap between the WAGZ and the Atlanta Mine Fault Zone (AMFZ). Both holes extend the thick mineralization found in the centre of the WAGZ eastward to the West Atlanta Fault, thus building additional tonnage potential.

AT23WS-61 (50.3m of 1.56 g/t Au) was lost just short of entering the lower high-grade zone, but the hole did demonstrate continuance of the thick mineralization seen in the middle of the WAGZ westward to the West Atlanta Fault #2 (WAF2), which bounds the western margin of the WAGZ. This is particularly important when taking into account the low-grade intercepts in two historical holes located only 32m west of AT23WS-61 but on the western side of the WAF2. Neither DHRI-11-15C (67.1m @ 0.28 g/t Au) nor DHRI-11-NRC01 (27.4m @ 0.42 g/t Au) indicated potential for the thick, much higher-grade mineralization encountered in AT23WS-61, much less in the centre of the WAGZ.

Cal Herron, Exploration Manager, said, "In addition to following high-angle structures that served as loci for higher grade Au-Ag mineralization, our success at increasing both grade and thickness can also be attributed to achieving full penetration of the low-angle unconformity that hosts most of the mineralization at Atlanta."

AUTOMATE YOUR GOLD LEACHING CIRCUIT

MEASURE, MONITOR AND CONTROL UP TO 10 PROCESS PARAMETERS





Integrated data collection system that measures:

GEKKO OLGAS

- Gold Concentration
- Slurry Density



- Carbon Concentration
- Slurry pH and Density
- Dissolved Oxygen
- Gold Loading on Carbon
 - Gold in Circuit Sampling



- Cyanide Concentration
- WAD Cyanide Concentration



- Real-Time Data Analysis
- Remote Access & Support
 - **Process Monitoring**
- Process Optimisation

CONTACT:

KEN ROBERTS

North America

– Representative ken@kjroberts.ca
+1 778 548 8505

NIGEL GRIGG

General Manager

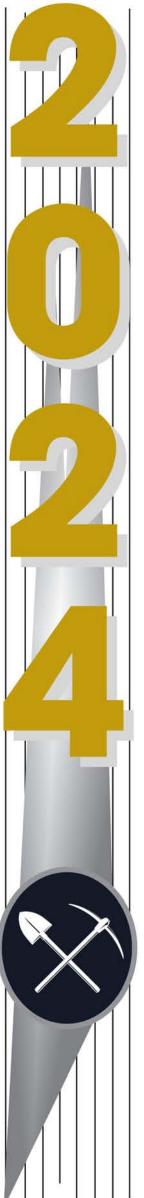
– Global Sales and Solutions
NigelG@gekkos.com

+61 418 582 262



gekkos.com Smarter Together







THE LARGEST ANNUAL MINING EXPO IN THE WESTERN U.S.





For more information, please contact:

The Elko Convention & Visitors Authority 700 Moren Way, Elko, NV 89801

775-738-4091 • 800-248-3556

MineExpo@ElkoCVA.com



Additional High Priority Gold Targets At The Daina Exploration Permit

VANCOUVER - Sanu Gold Corporation reported positive results, from the recent ground geophysics program completed on the Daina Gold Exploration Permit, located in Siguiri Basin of Guinea, West Africa. Large geophysical trends at Daina 1 North, and Daina 2 Main Zone with anomalies extending over 1 km in length. High-grade gold mineralization exists at these targets were covered by first pass drilling, with results including: 1) 21 m of 4.75 g/t Au, including 1 m of 85.5 g/t Au, in DAI-RC-004 at Daina 2 Main Zone. 2) 37 m of 1.99 g/t Au, including 1 m of 32.6 g/t Au in DAI-RC-001 at Daina 2 Main Zone. 3) 11 m of 5.50 g/t Au, including 1 m of 56.6 g/t Au in DAI-RC-013 at Diana 2 Main Zone. 4) 9 m of 8.86 g/t Au, including 1 m of 39.30 g/t Au (DAI-AUG-1201) at Diana 1 North.

The gold-correlated induced polarisation anomalies extend well away from the areas of first-pass drilling conducted by the Company in 2022 and 2023. The geophysical surveys have identified multiple areas of elevated chargeability and resistivity which require additional follow-up.

Martin Pawlitschek, Presi-



dent and CEO, said, "Systematic application of proven exploration tools, now including ground geophysics, namely induced polarization continues to provide improved definition of our known prospects, which will guide future drill targeting. We are particularly excited about the significant strike lengths of geophysical features associated with our known zones of gold mineralization, this is particularly important since most of the features are open along strike, the surveys having been designed to evaluate the response of IP on the Daina project and its usefulness for future drill testing and to help keep the permits in good standing."

THE ART OF PHOTOGRAPHING INDUSTRY



Casual snaps of a product make it look trivial, irrelevant, and insignificant. Pictures like that blend in with everybody else's snapshots. They do not leave an impression.

I create pictures filled with drama. They are memorable. They stick in the mind. They are worth the investment.

Let's talk.

Laszlo Photographer office: 916-742-4526 cell: 360-561-9407 laszlo@laszlophoto.com Lasso



ROFESSIONAL D DIRECTO

For nearly 60 years, Ames Construction has self-performed high-quality General Contracting services to complete successful projects safely, ontime, and within budget.

Ames is family-owned, committed to relationships built on honesty, performance, and mutual trust, and dedicated to providing superior construction services to our clients.



Visit us online at AmesConstruction.com Ames Construction



www.tonatec.com

Diamond Core Drilling Minerals Exploration Directional Drilling Geothermal Exploration Geothermal Drilling Consulting

Global mining consultants tackling the now and the **next**.

wsp.com/mining

Creating value together beyond the surface



Discover more ► komatsu.com/zb21

KOMATSU

Sacrison Engineering



INDEPENDENT MINING CONSULTANTS, INC.

Tucson, Arizona Tel: (520) 294-9861 FAX: (520) 294-9865 imctucson.com



ENGINEERING LIMITED

Website: www.prengineering.com Tel: (905) 579-9721 Fax: (905) 434-6878

DENVER MINING CLUB, LTD.

RAGGED ASS MINERS, EST. 1891 www.denverminingclub.org

GRAYMONT

3950 South 700 East, Suite 301 Salt Lake City, UT, USA 84107 Phone: (801) 716-2634 Fax: (801) 264-8039

www.graymont.com



(303) 567-4174 www.minenv.com

MINING & ENVIRONMENTAL SERVICES, LLC General Manager: Mark Levin, P.E.

CORRIVEAU J.L. & ASSOC. INC

3D SCANNING & MODELLING BY: GROUND AND AIRBORNE 3D SCANNING AND MODELING

GYRO AND GPS SERVICES, SALES, RENTALS, UNDERGROUND AND SURFACE CONTROL, BOUNDARY AND LEGAL SURVEYS, TOPOGRAPHIC SURVEYS, PHOTOGRAMMETRIC MAPPING AND BOREHOLE DEVIATION (XYZ) AND BATHYMETRIC SURVEYS

1085 - 3rd Avenue, Val d'Or (Quebec) Canada J9P 1T5 Tel: (819) 825-3702 Fax: (819) 825-2863 email: bureau@corriveaujl.com, website: www.corriveaujl.com



office: 916-742-4526

360-561-9407

OF PHOTOGRAPHING INDUSTRY

I create pictures filled with drama. They are memorable. They stick in the mind. They are worth the investment.





cementation.com

Revegetation & Erosion Control



granite

(801) 768-4422 Fax (801) 768-3967 www.graniteseed.com

THE INTERNET CONNECTION DIRECTORY

CONTRACT MINING

Ames Construction www.amesconstruction.com info@amesconstruction.com

CONSULTANTS - MINERAL INDUSTRY

Independent Mining Consultants www.imctucson.com imc@imctucson.com



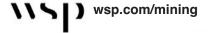
www.KnightPiesold.com



CRUSHERS - MINING AND AGGREGATE

PR Engineering Ltd. www.prengineering.com info@prengineering.com

HEAP LEACH/TAILINGS DAM GEOTECHNICAL/ENVIRONMENTAL



HEAVY MINING EQUIPMENT

Wagner Equipment Company www.wagnerequipment.cat.com

MATERIAL HANDLING SYSTEMS MINE PLANNING • MODELING SOFTWARE



Independent Mining Consultants www.imctucson.com imc@imctucson.com

MINING/EXPLORATION COMPANIES

Freeport-McMoRan www.fcx.com

General Moly www.generalmoly.com

Newmont Mining Corporation www.newmont.com

PIPE SYSTEMS

Naylor Pipe Company www.naylorpipe.com sales@naylorpipe.com

STEEL FABRICATORS - PIPE

Mill Man Steel, Inc. www.millmansteel.com kevin@millmansteel.com

Naylor Pipe Company www.naylorpipe.com sales@naylorpipe.com

TUNNELING - RAISEBORING

Cowin & Company, Inc. www.cowin-co.com jcowinjr@cowin-co.com

RAISEBOR

www.raisebor.com mhardwick@raisebor.com

UNDERGROUND CONSTRUCTION AND MAINTENANCE



USED/NEW HEAVY EQUIPMENT

Arnold Machinery Company www.arnoldmachinery.com

Cashman Equipment Company www.cashmanequipment.com

For your company's listing in the Internet Connection Directory please contact: The Mining Record at: 800-441-4748 • Ph: 303-663-7820 • advertising@miningrecord.com P.O. Box 1630, Castle Rock, Colorado 80104-6130 USA

High-Grade Intercepts On The Copala Resource Area

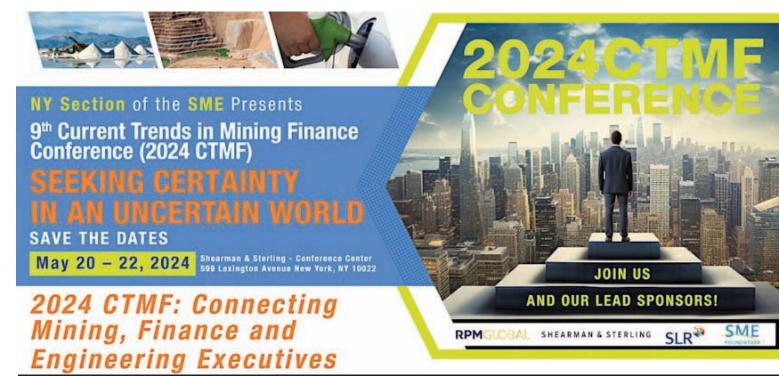
VANCOUVER - Vizsla Silver Corp. reported on 27 new drill holes targeting the Copala resource area at Panuco silver-gold project located in Mexico. The reported drilling, designed to both infill and expand mineralization, successfully confirmed high-grade continuity throughout Copala and extended mineralization by ~100m down dip to the southeast.

'Ongoing drilling at the highgrade Copala structure continues to demonstrate exceptional mineral continuity," said Michael Konnert, President & CEO. "Since the delivery of the updated mineral resource estimate in January 2024, we have been focused on de-risking Copala through infill and geotechnical drilling with two rigs ahead of the initial project PEA. The results further highlight that Copala is a precious metals dominant, very wide near-surface structure with a gradewidth profile that can support a potential mining scenario. Moving forward, we intend to continue infilling and expanding Copala main and its high-grade splay structures, as we look to develop Panuco into the world's next tier one silver primary asset."

The precious metals dominant Copala Structure, located in the western portion of the Panuco district, is situated ~800 m to the east of the Napoleon vein. Copala currently hosts Indicated Resources of 83.3 Moz AgEq at 573 g/t AgEq and Inferred Resources of 48.3 Moz AgEq at 476 g/t AgEq within a broad envelope of vein-breccia interlayered with host rock, up to 82 metres thick. Interpretations by Vizsla geologists indicate Copala has an average dip of ~46° to the east (~35° in its northern sector and steepening to $\sim\!65^\circ$ in the southern sector).

Ongoing drilling at Copala has now traced mineralization along ~1,770 metres of strike length and ~400 metres down dip. The recently completed batch of infill, geotechnical and resource expansion drilling consisted of 20 holes drilled at ~50 m to ~100 m centres in the southern extent of Copala and seven holes drilled in the north-central zone, including one hole on Tajitos. The infill and expansion holes in the southeast targeted Copala 3 on the hanging wall, main Copala and Copala 4 situated on the footwall. The infill and geotechnical holes drilled in the north-central zone targeted only the main Copala structure, except for hole COP-2023-002 that was drilled on the Tajitos Vein (not shown on longitudinal section).

Infill and geotechnical drilling completed in the south and northcentral areas of Copala have successfully confirmed high-grade mineral continuity. Extension drilling completed in the south has expanded mineralization by ~100m downdip to the east, marked by hole CS-23-330. Additionally, drilling along the southern extents of Copala has highlighted that the main structure gets steeper at depth (~65°) and develops narrower vein splays carrying significant silver and gold grades (Copala 3 and Copala 4). The recently reported Copala 4 splay vein sits between Cristiano and Copala, approximately 75m west of Copala, whereas Copala 3 sits less than 50m to the east of Copala main on the hanging wall side. Drilling to date has traced Copala 4 for approximately 300 m along strike and 400 m down dip. Copala 3 is more irregular in terms of grade and thickness along strike (locally forms sparse high-grade pockets), but overall, the structure has been traced over 400 m long by 400 m down dip.



https://community.smenet.org/currenttrendsinminingfinance/home

SUBSCRIPTION ORDER FORM

THE INDUSTRY'S LEADING MINING NEWSPAPER THE INDUSTRY'S LEADING MINING NEWSPAPER



The Mining Record has been in continuous publication for 135 years and is recognized as the industry's leading newspaper. The Mining Record has an international readership. It focuses on timely and credible news reporting on exploration, discovery, development, production, joint ventures, acquisitions, operating results, legislation, government reports and metals prices. Its readership is concentrated in the mining industry proper - mining companies, engineers, geologists, mine supervisory personnel, company officers and individuals engaged in exploration and large or small mine production. Every year, The Mining Record devotes an issue to the major conventions in the western U.S., Canada and Latin America.

Available to order online: www.miningrecord.com



8				ngrecord.com	
THE MINII	NG RECORD I	NEWSPAPER			
☐ 1 year \$55 to U.S. Subscribers		rs	☐ 1 year 1st Class Mail \$85 to U.S. Subscribers		
☐ 2 years \$85 to U.S. Subscribers		☐ 1 year \$85 - Canada & Mexico			
☐ 3 years \$120 to U.S. Subscribers ☐ 1 ye		1 year \$99 - Foreign	ar \$99 - Foreign		
	Check Enclosed Money Order Enclosed MAKE CHECKS/MONEY ORDERS PAYABLE TO HOWELL INTERNATIONAL)			ALL ORDERS IN U.S. CURRENCY FOREIGN ORDERS CREDIT CARD ONLY (EXCLUDING CANADA)	
□ Visa □ A	American Expres	s 🔲 Master Card	Exp. Date_	ccv	
Name		Card #			
ame		Co	empany		
ddress			City		
			Phone		

P.O. Box 1630 • Castle Rock, Colorado 80104 USA • (303) 663-7820 • Fax: (303) 663-7823, Email: subscriptions@miningrecord.com

Expanded Rochester Mine Achieves Commercial Production

CHICAGO, IL - Coeur Mining, Inc. reported on its newly-expanded Rochester silver and gold mine in Nevada, including the achievement of commercial production at the operation Commissioning of the new three-stage crushing circuit and truck load-out facility was completed in March. Since then, the crushing circuit has operated at an average throughput of nearly 70,000 tons per day1 and has exceeded 88,000 tons per day, leading to

the declaration of commercial production as of the end of the first quarter.

Ramp-up to full design capacity of 88,000 tons per day—or approximately 32 million tons per year—remains on schedule for completion during the first half of 2024.

Approximately 9.3 million tons of ore have now been placed on the new Stage 6 leach pad, which – together with the new Merrill Crowe processing facili-

ty – was commissioned late last year. Materially higher production levels are anticipated to build throughout the second half of 2024 consistent with completion of Rochester's ramp-up.

Once operating at full capacity, throughput levels are expected to be approximately 2.5 times higher than historical levels, making Rochester one of the world's largest open pit heap leach operations and a key driver of cash flow growth for the Company. It

is expected to be America's largest source of domestically produced and refined silver.

"Following its full hand-off to the operations team in early March, the expanded Rochester mine has ushered in a new growth phase for Coeur leading to higher silver and gold production levels, lower unit costs, and positive free cash flow," said Mitchell J. Krebs, President and Chief Executive Officer. "The invaluable experience and learnings gleaned over the past three years from operating similar infrastructure that we installed at the legacy operation has contributed to an impressive ramp-up curve to date and positions the mine for a strong second half of 2024. With commissioning now behind us and the ramp-up proceeding well, the team is turning its focus to mine optimization efforts and business improvement initiatives aimed at maximizing the value of this world class, long-life asset."

HIGH MARK CONSTRUCTION



Operating with personal attention to handle small jobs and professional expertise to handle large jobs.

- Infrastructure Leach Pads
- Site Development Road Building
 - Drilling Pads Reclamation







SETTING YOUR SIGHT ON THE HIGHEST MARK IN QUALITY, SAFETY AND PRODUCTIVITY.

NOW HIRING

for multiple projects in the Northern Nevada area.

Equipment Operators • General Laborers • Concrete Laborers • Concrete Finishers

Applicants must be able to travel and pass a pre-employment drug screen. High Mark offers competitive wages, travel pay, insurance, and a 401k.



High Mark Construction delivers quality finished jobs **every time!**

3755 MANZANITA LANE, ELKO, NV 89801 www.highmarkconst.net • 775-753-0986



DISCOVER THE LATEST MINING EQUIPMENT AND TECHNOLOGY.

MINExpo INTERNATIONAL 2024 is coming back to Las Vegas! At the world's largest global mining event, you will uncover new products and transformative technology that can help you increase productivity and safety.

Massive machinery. Innovative solutions. Essential resources. Every element from exploration, planning and processing to safety, sustainability and reclamation is here.



Learn more at MINExpo.com.



MINEXPO INTERNATIONAL

20 | SEPTEMBER 24-26, 2024 24 | LAS VEGAS, NEVADA, USA



Develop your Freeport Edge at Freeport-McMoRan, a leading international mining company that safely and responsibly supplies the world with essential metals for a better, greener future. We are committed to an inclusive environment and empower our people to drive innovation forward.

ENGINEERING

Mining, Metallurgical, Process, Automation, Geological, Electrical, Environmental, Civil, Mechanical, Chemical and Material Science

SCIENCES

Geology, Mineralogy, Health & Safety, Industrial Hygiene, Chemistry and Environmental

BUSINESS

Human Resources, Accounting, Finance, Global Supply Chain, Communications and Information Technology

FMJobs.com

