

THE MINING RECORD

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Metals Watch (05/01/2024): Gold(oz) \$2,314.80 • Silver(oz) \$26.65 • Copper(lb) \$4.57 • Lead(lb) \$1.01 • Zinc(lb) \$1.32 • Platinum(oz) \$939.00 • Palladium(oz) \$942.00 • Uranium \$87.70(lb) • Rhodium(oz) \$4,725.00 • Lithium(kg) \$15.26 • Coal(t) \$103.00

HAILE GOLD MINE

Horseshoe Extension Close To Underground Development

VANCOUVER - OceanaGold Corporation reported on exploration and resource conversion drilling for Haile and Didipio.

Gerard Bond, President & CEO, said "We are off to an excellent start to the year with our exploration and resource conversion programs with results continuing to reinforce the growth potential we see within our existing mine footprints. Results from the Horseshoe Extension target at Haile, outside of existing resources, reflect the first drilling we have completed into this target from underground. We have encountered similar grades and widths to the Horseshoe orebody, and the Horseshoe Extension target is close to planned future underground development.

Results at Didipio continue to extend mineralization at depth and we have now drilled a second hole below the existing resource as a follow-up to last year's drilling. This result extends known mineralization a further ~150 metres at depth into Panel 4, and a total of ~200 metres below the current inferred resource. Lastly, I am delighted we are now drilling at the Napartan regional target, located 9 kilometres northwest of Didipio, with two holes of a 2,500 metre program now completed, awaiting assay results."

Resource conversion and extensional drilling from Horseshoe Underground continues with 2,142 metres completed of a planned 10,605 metres this year. The results from 8 holes drilled at Horseshoe Extension target and lower Horseshoe at the end of 2023 and the beginning of 2024 have been received. Highlights from this drilling include 34.9 m @ 7.60 g/t Au from hole



UGD0026 targeting conversion of the lower Horseshoe Inferred resource (result received after data cut-off for 2023 end of year Reserve and Resource model update) and 39.3 m @ 5.8 g/t Au from hole UGD0044, among others, targeting resource growth at Horseshoe Extension.

Horseshoe Extension is a zone of mineralization located approximately 200 metres southwest of the Horseshoe orebody with similar plunge on the southern limb of the northeastern striking antiform. Drilling in 2024 will continue to target the Horseshoe Extension as more optimal drill locations become available.

Since the February, 6,763 metres of extensional and resource conversion drilling in twenty-three holes has been completed from Didipio underground. Extensional drilling has been achieved by extending resource conversion drill holes beyond the resource shell to the north, northeast, and at depth to approximately 1,700 mRL; extending mineralisation approximately 750 metres below the bottom of the open pit. Extensional drilling has focused on (a) depth extension of Balut Dyke mineralization on the northern side of the Syenite Porphyry, and (b) depth extension of mineralization within the Monzonite in Panel 4.

Extensional hole RDUG522 was completed to follow up on the previous success of hole RDU-G611 (72 m @ 3.40 g/t AuEq) reported in August 2023, which has opened up a lower zone of

mineralization to the north and at a depth of ~1,900 mRL and below. An intercept returning 87 m @ 1.43 g/t AuEq (RDUG522) has confirmed mineralization extends for over 150 metres further below RDUG611 down to 1,710mRL, opening up a zone of 200 metres vertical extent below the reported Inferred resource.

Hole RDUG523 returned a result of 35 m @ 1.06 g/t AuEq and confirmed a 70 m vertical continuation of the recently identified Balut Dyke on the northern side of the Syenite with similar thickness

below previously reported RDU-G500 with 45.4 m @ 2.51 g/t AuEq. Mineralization of the Balut on the north remains open along strike and at depth while its analogue defined at a higher elevation on the south also remains open at depth and to be tested to a similar elevation (i.e. 1,900mRL).

In addition, hole RDUG627 has identified an additional zone of mineralization further east intersecting 15 m @ 3.32 g/t AuEq associated with another Feldspar Porphyry. The recent discovery of three new mineralized intrusives in

the east highlights the prospectivity that remains for further mineralized areas.

Resource Conversion drilling has focused on (i) conversion of the inferred resource within the Monzonite Porphyry directly east of the Syenite Porphyry within Panel 3 (< 2,100 mRL, C-C', D-D'), and (ii) infill drilling of the mineralized Eastern Breccia and Feldspar Porphyry in the east. These drill programs broadly confirm and provide improved confidence in the inferred grade estimates as calculated in the end of year 2023 annual resource and reserve model.

Follow-up drilling on two mineralized intrusives discovered in 2022 demonstrates continuity of mineralization with both zones remaining open at depth and potentially expanding the mineralized Feldspar Porphyry. Hole RDU-G625A has confirmed the continuity of mineralization within the Feldspar Porphyry while holes RDUG626 and RDUG623 appear to have closed off this mineralization to the east.

Regional exploration in 2024 includes advancing the Napartan initial drill target, 9 km north-west of the Didipio mine. Sampling has identified a Cu-Au mineralised pegmatite similar in nature to the Balut Dyke and an important ores source at Didipio. Drilling at Napartan began in March with one drill rig mobilized. Two holes have now been completed of a 2,500 m program budgeted for 2024, with assay results pending.

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COLORADO

New Drill Targets Identified At La Plata In Colorado

VANCOUVER - Metallic Minerals Corp. reported on the drill campaign at the La Plata copper-silver-gold-Platinum Group Element (Cu-Ag-Au-PGE) project in southwestern Colorado, which finished in December. The exploration program included 4,530 meters (m) in four diamond drill holes with the dual objectives of expanding on the 1.21-billion-pound copper and 17.6-million-ounce silver inferred mineral resource, and defining the controls to higher-grade mineralization as seen in drill hole LAP22-04.

In February 2023, LAP22-04

was a continuously mineralized discovery drill hole that intercepted 816 m grading 0.41% recovered copper equivalent (CuEq), with significant widths exceeding 0.5% to 0.7% Cu. The intersection also included higher grade zones exceeding 1% Cu with precious metals grades of up to 11.5 g/t Au+PGE and 47 g/t Ag.

All four 2023 holes intersected porphyry-style mineralization starting from surface and continuing over their entire lengths (up to 1,350 m). Three of four holes intercepted continuous porphyry style Cu-Ag-Au-

PGE mineralization over 500 m in width at 0.3% Cu including significant intervals exceeding 0.5% to 0.7% CuEq with associated Ag, Au and PGEs. Drill hole LAP23-05 intersected 909 m of continuous mineralization from surface grading 0.26% CuEq over the entire hole length, with a 550 m wide higher-grade zone. Intensity of mineralization in all drill holes varies within the individual porphyry intrusive units based on the density of veining and concentration of associated sulphides that carry the copper, silver, gold, platinum, and palladium.

Higher grades relate to specific intrusive phases of the porphyritic host rocks with intense potassic alteration and in zones of intense high-temperature argillic alteration, particularly with increased bornite content. The deposit remains open to expansion at depth and along trend. Defining the geometry of these higher-grade porphyry units and alteration zones is an important focus of follow up drilling at the Allard resource area in 2024. Drilling has extended mineralization vertically from surface to more than 1.5 kilometers (km) and 1 km

along trend and is anticipated to allow for inclusion of both gold and platinum group elements in future mineral resource estimates along with copper and silver.

Scanning of 3,848 meters of drill core was completed by GeologicAI providing high-resolution RGB digital photography, laser profilometry using LIDAR, visible and near-infrared (VNIR) and short-wave infrared (SWIR) hyperspectral imagery and x-ray fluorescence, allowing for detailed characterization of mineralization and alteration within the Allard deposit. An advanced airborne hyperspectral survey covering 157 square kilometers (453-line km) was also completed by SpecTIR in the VNIR, SWIR and long-wave infrared spectra allowing for detailed mineral and alteration mapping across the entire district for comparison with the hyperspectral scanning of mineralization from drill core. The U.S. Geologic Survey (USGS) has identified the La Plata mining district as a potential critical minerals resource area under the Earth Mapping Resources Initiative program. The USGS completed detailed airborne radiometric and magnetic surveys in 2023 along with other studies that will complement surveys completed by the Company. An important objective in 2023 was to identify, advance and refine new priority targets outside of the Allard resource area to bring them to a drill testing stage in 2024. Significant high-grade results were received in surface rock samples taken from more than 20 different target areas during the 2023 field season as part of a district-scale surface mapping initiative. Three of these areas have advanced to a drill testing stage.

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President & COO: Dale P. Howell
Editor: Don Harrison, editor@miningrecord.com
Accounting HQ: accounting@miningrecord.com
General Manager HQ: customerservice@miningrecord.com
Subscriptions/Orders: subscriptions@miningrecord.com
Advertising: advertising@miningrecord.com

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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: questions@miningrecord.com
Electronic Editorial Submissions: Email: editor@miningrecord.com

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NEWLY 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 day 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.



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.

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 facility – 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.

“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.”

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

Project Review Represents Example Of Buried Porphyry Copper Target

CALGARY - Copper Fox Metals Inc. and its wholly owned subsidiary, Desert Fox Mineral Mountain Co. reported on the Mineral Mountain porphyry copper property (2,692.4 ha) located in the Mineral Mountain Mining District, Arizona. The Mineral Mountain project is located on a northeast trending, regional scale, porphyry copper belt that hosts some of the largest porphyry copper deposits in Arizona including Santa Cruz and Resolution. The project is located approximately 25 kilometers (km) (15 miles) southwest from Rio Tinto and BHP's giant Resolution porphyry copper-molybdenum deposit and approximately 25 km northeast of Taseko's Florence porphyry copper deposit.

Three distinct areas of higher positive chargeability located within a larger 18 milliradians (mrad) chargeability anomaly have been identified. These areas of higher chargeability are interpreted to represent three potential porphyry copper centers. Target #1, located in the central portion of the property, has been discussed previously. Targets #2 and #3 are located northeast and southwest of Target #1 respectively.

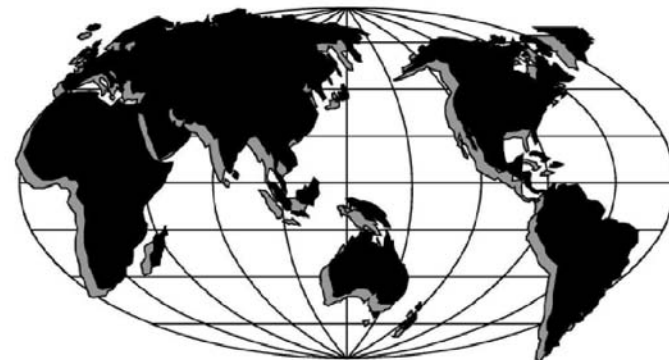
The Plan of Operations submitted to the Bureau of Land Management (BLM) contemplates drill testing the chargeability signature of Target #1 and Target #2, each with a 1,000-meter-deep hole.

An Environmental Review

(ER), as required pursuant to the National Environmental Protection Act, (NEPA), and Solicitation of Public Comments on the Plan of Operations must be completed prior to re-ceiving a

final decision from the BLM on the drilling permit. SWCA has been retained to assist Copper Fox to determine the scope and scale of the ER in conjunction with the BLM.

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IDAHO-OREGON

Two Silver Exploration Targets Identified In The Western Half Of Bayhorse Silver Mine

VANCOUVER - Bayhorse Silver Inc, CEO, Graeme O'Neill, said, "The Company has received from Geotech its magnetic structural interpretations and structural complexity analysis of its recent survey from the Bayhorse Idaho/Oregon Geophysics Project area.

The area is situated in the Huntington, Oregon and Weiser portions of Idaho. This summary report describes the results of the geophysical interpretations, and the results of magnetic modeling.

Geotech has provided analysis of the magnetic signature at the Bayhorse Mine, that coupled with our geologists' significant understanding of the Bayhorse silver mineralization, have provided excellent silver drill target at the Bayhorse Silver Mine as well as on the newly acquired Idaho properties.

The Bayhorse Mine style sil-

ver rich "tetrahedrite" mineralization is hosted in hydrothermally altered rhyolite, that is dominated by presence of sulfosalts of silver, copper, antimony, low Fe zinc, and lead.

Two silver exploration targets, BGP_T1 and BGP_T2 have been identified. BGP_T1 covers the western half of the Bayhorse Silver Mine while BGP_T2 located in the NE region of the Idaho portion of the survey area could be a potential silver exploration target.

The Company is particularly encouraged that one of the silver targets on the Oregon side aligns well with the western end of the Bayhorse Mine workings.

This confirms the intention to extend the underground drilling to the west, as well as downdip. On the Idaho claims, where drill permitting is underway, the silver target BGP_T2 suggests the possibility of a silver endowment like that at the Bayhorse Mine.

Seven New Zones For Further Exploration At Sheep Creek

VANCOUVER - US Critical Metals Corp. (USCM) and US Critical Materials Corp. (Materials Corp.) reported the results for a geophysics survey completed over the Sheep Creek Rare Earth Project in southwestern Montana. Project sample results demonstrate the potential for elevated grades of rare earth mineralization. In combination with these geophysics results, Sheep Creek now has the potential for both grade and tonnage. Recent sample results include Sample #21112 at 201,216ppm (20.1%) Total Rare Earth Elements (TREE), containing 28,330ppm (2.8%) combined neodymium and praseodymium (Nd+Pr) and 363ppm Gallium (Ga), and Sample #21099 at 182,255ppm (18.2%) TREE, containing 32,750ppm (3.3%) combined Nd+Pr and 348ppm Ga.

Geophysics suggests structural continuity along strike and possibly to depth in new geophysical exploration targets that could possibly host additional carbonatite bodies. Concentration of carbonatite bodies suggests the possibi-

ty of additional undiscovered zones. The geophysical survey identifies seven locations warranting further exploration. Carbonatites contain few magnetic minerals compared to host rocks and could show as negative anomalies in magnetic studies. Supports case for focused drill program to test structures identified at surface, present in the historic underground workings, and possible deeper geophysical targets identified in the survey.

The survey covered approximately 8 kilometers by 7.45 kilometers in size, which represents a total area of approximately 59.5 square kilometers. The survey was flown with 100 meter line spacing on the survey lines at a heading of 044°/224°, and with 1,000 meter line spacing on the tie lines at a heading of 134°/314°. A total of 658 line kilometers of high resolution magnetic and radiometric data were collected by helicopter. The survey was designed with the objective of identifying targets that correspond to a pattern and delineate geological structure as it

relates to the magnetic and radiometric data. To

Carbonatites at Sheep Creek are valuable for their light rare earth content including neodymium and praseodymium, and also contain significant amounts of niobium, strontium, and gallium. The carbonatites show mineralization that indicate higher rare earth element content compared to surrounding rocks. Unlike many other carbonatites, they also contain low amounts of thorium and therefore have a limited radiometric signature, making them easier to identify in this area. The geophysical survey has identified seven new un-explored targets that suggest lateral continuity along strike and possibly at depth.

James Hedrick, President of US Critical Materials Corp., said, "The geologic model for Sheep Creek continues to be confirmed by this geophysics survey. This is a rare type of potential deposit within the US and has the potential to be a significant new source of rare earths required to support multiple essential industries."

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Keno Hill Reports Increased Production For The Quarter

COEUR D'ALENE, ID - Hecla Mining Company reported preliminary production results for the first quarter of 2024. Silver production of 4.2 million ounces, a 43% increase. Gold production of 36,592 ounces, in line with prior quarter. Greens Creek silver production increased 10% and gold production in line with prior quarter. Lucky Friday completed ramp-up to full production with 1.1 million ounces of silver produced. Keno Hill throughput increased 29% as the ramp-up continues. Lead production increased 129%; zinc production increased 28% due to ramp-up at Lucky Friday.

"The 43% increase in silver production reflects the consistent, strong performance from Greens Creek, Lucky Friday's reaching full production in March and Keno Hill continuing its ramp-up," said Phillips S. Baker, Jr., President and CEO. "Casa Berardi continues to execute on its plan as it transitions to a fully surface operation."

Baker continued, "Hecla is on track to produce about 17 million ounces in 2024, expected to increase to about 20 million ounces by 2026. Silver is necessary for the energy transition - in 2023, silver used in solar increased about 35% to 190 million ounces with more growth expected."

The Greens Creek mine produced 2.5 million ounces of silver, an increase of 10% over the prior quarter. Gold production was 14,588 ounces, unchanged over the prior quarter. The mill

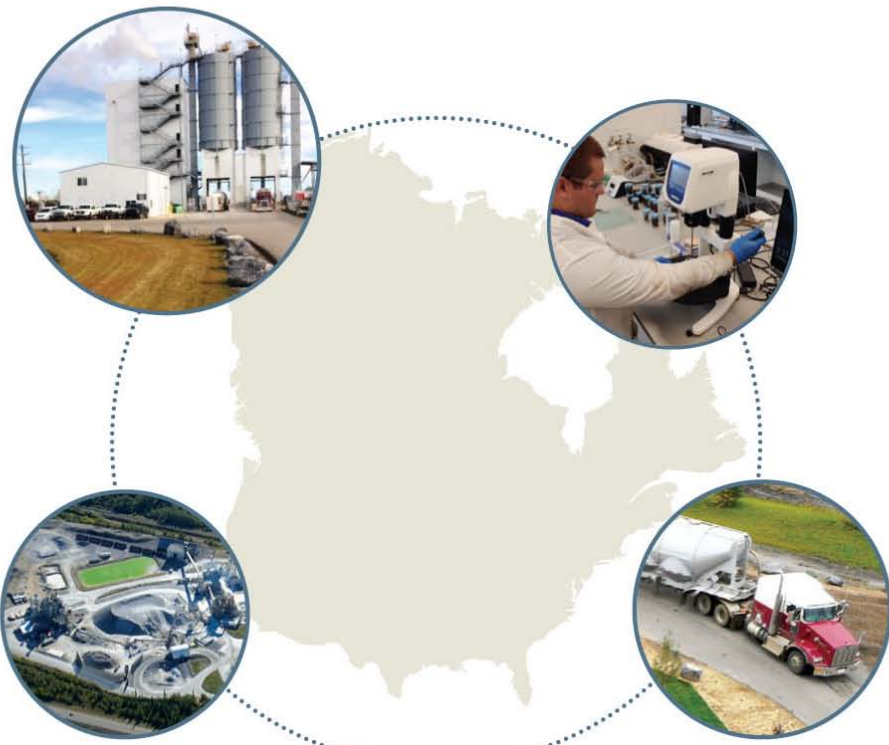
achieved throughput of 2,552 tons per day (tpd) during the quarter. Increased silver production was primarily due to higher throughput and a 4% increase in grades.

The Lucky Friday mine produced 1.1 million ounces of silver as the mine completed ramp-up to full production in March. Mill throughput was 948 tpd during the quarter. The Company continues to work with the property insurer and has collected \$17.4 million of insurance proceeds during the quarter and expects to receive the remaining proceeds during the year.

The Casa Berardi mine produced 22,004 ounces of gold in the quarter, in line with the prior quarter, as a 5% increase in throughput was offset by lower grades. The mill operated at an average of 4,194 tpd during the quarter.

Keno Hill produced 646,312 ounces of silver, an increase of 6% over the prior quarter. The increase in production was attributable to higher throughput, which averaged 277 tpd, an increase of 29% over the prior quarter, partially offset by lower silver grades which were 26.3 ounces per ton.

The mine continues to advance ramp-up to full production, which is expected during the year. The Company continues to work through safety and environmental standards at the mine; with these standards driving the pace of production.



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High-Grade Mineralization In First Hole At Eberle Target

VANCOUVER - Summa Silver Corp. reported on its final two drill holes completed during the winter drill program at the high-grade silver-gold Mogollon Project, New Mexico. Strong mineralization was intersected 200 m below the Eberle Mine - 1,133 g/t silver equivalent (693 g/t Ag, 8.8 g/t Au) over 1.65 m from 482.5 m down hole (170 m vertical depth) in hole MOG23-21. This intersection is from a previously undrilled splay of the Queen Vein and opens new exploration potential into areas east of the main strand of vein. This drill program successfully showed that strong mineralization exists along at least 2 km of the Queen Vein system. Systematic follow up drilling is required on the Queen Vein and beyond which is expected to delineate significant zones of high-grade mineralization.

Galen McNamara, CEO, said, "It is clear that the Queen Vein hosts significant concentrations of high-grade silver and gold. Mineralization on this vein is now confirmed over a minimum strike length of 2 km and it remains almost completely open to expansion. For perspective, there are an additional 75 km of cumulative vein strike length present on the Mogollon Project, most of which is unexplored by modern methods. We look forward to continuing work here in 2024."

The winter drill program at the Mogollon Project was designed to test the silver and gold potential of two newly defined targets (South Queen and Eberle) dis-

persed along 350 m of the north-south trending Queen Vein, approximately 1.2 km south of the Consolidated target where Summa focused previous drill programs. The first hole of the program (MOG23-20) tested the South Queen target, located between the Deadwood and Eberle mines, and intersected 393 g/t silver equivalent (3.9 g/t Au and 64 g/t Ag) over 7.4 m including 2,735 g/t silver equivalent (28.6 g/t Au and 320 g/t Ag) over 0.5 m. Holes MOG23-21 and MOG24-22 tested the Eberle target, centered on the structural intersection between the east-west trending Maud S Vein and the Queen Vein system. The mine, developed on three levels, produced 10,000 tonnes of ore (pre-1916), where more recent underground channel samples assayed up to 5,173 g/t silver equivalent.

Hole MOG23-21 was collared 300 m southwest of the Eberle mine portal in the footwall of the Queen Vein. The hole was designed to test for un-mined extensions of high-grade silver and gold mineralization below the southern extent of underground developments of the Eberle mine. The hole intersected banded and locally brecciated and spherulitic rhyolite to 351 m down hole followed by interlayered porphyritic andesite and rhyolite to bottom of the hole at 495 m. Two intervals of strong silver-gold mineralization were intersected: an upper zone at 452.7 m in rhyolite consisting of pervasive silicification graded 124 g/t silver equivalent (60 g/t Ag, 0.83 g/t Au) over 2.13

m, and a lower, high-grade zone at 482.5 m of 1,133 g/t silver equivalent* (421 g/t Ag, 8.9 g/t Au) over 1.65 m consisting of a sharp-walled, banded quartz-carbonate vein cross-cutting andesite. Due to the shallow dip of the hole, the lower high-grade vein was intersected approximately 170 m below surface.

Hole MOG24-22 was collared on the same pad as MOG23-21 and was designed to further test the down-dip potential of the Queen Vein system below and east of the Eberle mine. The hole intersected similar lithologies to MOG23-21 comprised of rhyolite to 380 m down hole followed by porphyritic andesite to bottom of hole with a thin interlayered rhyolite unit at 399 m to 424 m. Local zones of moderate to strong quartz alteration were observed down hole, however, similar high-grade, vein-hosted mineralization was not intersected.

Based on comprehensive modelling of all known veins in the district from historical reports and mapping, the veins intersected in hole MOG21-21 may represent new vein discoveries in the hanging wall to the Queen Vein or potential structural offsets of the eastern strand of the broader Queen Vein system. Further drilling, focused on investigating potential structural offsets and/or cross faults (e.g., MOG24-22) or parallel veins, is clearly warranted at the Eberle target to better define the structural controls and orientations of all vein-sets in the complex Queen Vein system.

Results from hole MOG23-21

strongly supports the high-prospectivity of the Queen Vein system south of the Consolidated Mine target, located 1.2 km to the north. At Consolidated, the Company has systematically tested for un-mined extensions of mineralization across a strike length of approximately 500 m, where many holes returned significant zones of high-grade silver and gold mineralization (e.g., 448 g/t silver equivalent* (129 g/t Ag,

3.88 g/t Au) over 31 m of MOG22-05 and 640 g/t silver equivalent* (306 g/t Ag, 4.26 g/t Au) over 9.9 m of MOG22-10 hosted in the broad, steeply dipping and complex Queen Vein system. A similar systematic approach to drilling is required at the Eberle and Queen South targets to better define the lateral and vertical extent of vein-hosted mineralization in this part of the vein system.



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Definitions For New Drilling Targets At Tombstone Project

VANCOUVER - Aztec Minerals Corp. reported on the gold-silver exploration program at Tombstone Project, in southeastern Arizona. The Company has reviewed the previous drilling and surface exploration results, and now is developing, with multi-disciplinary methods and studies, the definitions for new drilling targets to continue the

expansion of the project's gold-silver oxide mineralization footprint near to the historic Contention Pit. From that, the goal of the 2024 exploration program is to continue with drilling to expand the large, shallow, gold silver oxide mineralized system and make it amenable for future resource delineation.

Aztec's previous drilling and

studies has resulted in the discovery of shallow, broad intersections of oxidized gold and silver mineralization in areas adjacent to those previously explored or developed historically, the historical data providing for the initial 3D modelling of what is potentially indicative of new mineralized zones easily accessible with shallow drilling in the immediate

vicinity of the Contention Pit. The wide, shallow gold-silver mineralization defined by Aztec's drilling, together with all surface data collected since 2018 supports a preliminary concept of expanding the mineralized footprint to the west of the existing historical open pit. The exploration data collected to-date indicates that previous historical open pit heap leaching operations did not advance their plans to develop attractive, wide, shallow gold-silver mineralization hosted in major structural zones in the Bisbee Group sediments west of the Contention Pit.

The low sulfidation mesothermal gold-silver mineralization observed to date is impressive, marked by hydrothermal breccias, quartz stockworking, and stringer lode veins associated with quartz-feldspar porphyry dikes with silicification and argillic alteration.

Oxidized carbonate replacement bodies and quartz stringer lode veins with silicification and argillic alteration are present in the Bisbee formation sediments.

Hornfels and skarn are present within the host sediments of sandstones, siltstones and limestones. Areas of intense hematite, goethite and manganese wad are widespread, associated with better Au and Ag values.

Cerargyrite (silver chloride) is observed in fractures, as often is fine-grained, visible gold. Most Au-Ag mineralized zones inter-

sected in the drilling programs are proximal to the historic, extensive underground mine workings or the historic, shallow open pit walls.

The recent 2023, 7-hole, core drill program on the Tombstone project was successful in expanding mineralization laterally and to depth, reached the water table and the highest of the Paleozoic sediments, and connected the main and southern mineralization. Every one of the drill holes intersected near surface, oxidized gold-silver mineralization, and all the drill holes crossed multiple historic underground workings where presumably most of the highest-grade gold and silver were previously mined, indicating the main mineralized zones are still open to depth and laterally.

The Company will be developing the targets with multiple disciplines including continuing the surface exploration program in the area of the Contention pit with advancing the detailed geological mapping, and further out with reconnaissance level geological mapping of lithologies, Terraspec alterations and structures, multi-element rock geochemistry, and thin section petrology and alterations to review the hosting of the gold-silver mineralization.

The data acquired will then be integrated into the 3D model being constructed, supporting the upcoming drilling program design.



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Fifth Drill Rig Added As Part Of 40,000 Meter Drill Program At Trap Target Area

TORONTO - Collective Mining Ltd. reports assay results for four holes drilled at the Trap Target, which is part of the Guayabales project located in Caldas, Colombia.

The Company has just added a fifth diamond drill rig as part of its 40,000-metre drill program for 2024 with drilling currently taking place at the Trap, Apollo, Olympus and Box (two rigs) targets respectively.

The assay results reported herein from Trap are from the initial follow-up drilling to the original discovery holes where the Company found a new precious metal rich porphyry system located 3.5 kilometres to the northeast of its flagship Apollo system with previous intercepts including 646 metres @ 0.81 g/t AuEq from 19.5 metres depth.

Trap is a precious metal dominant porphyry system hosted in an early quartz diorite body, which is overprinted by at least two styles of late-stage porphyry related sheeted carbonate base metal (CBM) veinlets. To date, all drill core within the mineralized zone at Trap has been strongly bleached by white porphyry related phyllic alteration (muscovite) potentially indicating that drilling has only encountered the top of the porphyry system and stronger mineralization might occur at depth or in a different proximal location.

The mineralized system, which approaches surface in the northern most drilled point to date, is oriented in a west-northwest direction, plunging to the southeast, and is dipping to the northeast at a steep angle.

Trap covers a large surface area geochemically, measuring approximately 2 kilometres by 2 kilometres.

Drill testing to date has been executed from three drill pads and has intersected mineralization in multiple directions. Including the results of this release, the mineralized envelope now covers an area measuring up to 600 metres along strike, 250 metres across and 915 metres vertical (previously 340 metres x 170 metres x 687 metres vertical). Trap remains open in all directions except to the east.

Ari Sussman, Executive Chairman, said, "By using both down-hole acoustic televiewer and ASD Terraspec technologies, we have been able to confirm a west-northwest trend to the mineralization and that the phyllic alteration flooding the drill core is porphyry-related muscovite. Based on this information, drill hole TRC-7A was oriented to drill at an orthogonal angle to the Trap system resulting in an outstanding bulk intercept of mineralization.

It is still early days for Trap and based on core interpretation, we do not believe that we have found the center of the early porphyry intrusion phase. We will remain aggressive with step-out drilling and in this regard, a new drill pad is planned in a location situated well south of current drilling."



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Drill Holes Provide Support For Continued Expansion At The Kay Mine Deposit

TORONTO - Arizona Metals Corp. reported on the Kay Mine Project in Arizona. Eleven new drill holes at the Kay Mine Deposit continue to demonstrate the continuity and expansion potential of the deposit. Three holes on the southern edge of the deposit have encountered zones of high-grade copper-rich (holes KM-24-143 and KM-24-139) and gold-rich (hole KM-24-137) mineralization that are open for expansion.

Hole KM-24-143 intersected 20.1 m at 3.4% copper equivalent (CuEq), including 3.2 m at 14.9% CuEq, from a vertical depth of 590 m. This hole is on the southern edge of the deposit and showed excellent continuity in the 90-m gap between holes KM-21-35 (5.5 m at 2.3% CuEq) and KM-22-79 (7.9 m at 4% CuEq). Mineralization in this area is open for expansion to the south. Hole KM-24-139 returned 38.0 m at 1.4% CuEq, including 4.4 m at 7.1% CuEq, from a vertical depth of 450 m. This hole filled in a 70-100 meter gap among previous drill holes in this area, including KM-21-50 (53.1 m at 1.5% CuEq) and KM-20-10B (27.6 m at 2.0% CuEq). Hole KM-24-137 intersected 7.9 m at 1.4 g/t

AuEq, including 0.5 m at 8.0 g/t AuEq, from a vertical depth of 360 m. This hole extended mineralization 55 m south of hole KM-20-14 (39.9 m at 2.5% CuEq) in the central portion of the deposit. Mineralization is open to the south in this area.

Marc Pais, CEO, said, "These new drill results from the Kay Deposit continue to point to its expansion potential, with three holes encountering both high-grade copper-rich and gold-rich mineralization at the southern edge of the deposit. Future drill holes will target this area as part of the continuing Kay Mine resource definition program."

As disclosed in our on April 10th, 2024, we recently increased our land position at the Kay Project by 22% and through a rock sampling program, have identified a number of high priority exploration targets on these claims. Three newly-permitted drill pads will allow for testing of these targets as well as the northern strike extension of the Kay Deposit.

Exploration drilling has commenced from pad 10 to test the first of a number of targets identified through a recently completed rock sampling program on the new claims."

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Updated MRE Completed For The Rowan Mine Deposit

VANCOUVER - West Red Lake Gold Mines Ltd. announced an updated Mineral Resource Estimate (MRE) for the Rowan Mine Deposit, located in the Red Lake Gold District of North-western Ontario, Canada. Indicated resources of 476,323 tonnes grading 12.78 grams per tonne (g/t) gold (Au), for a total of 195,746 ounces (oz) Au. Inferred resources of 410,794 tonnes grading 8.76 g/t Au, for a total of 115,719 oz Au. The 2024 MRE has added a significant portion of higher confidence Indicated ounces at grades 40% higher than the 2022 MRE.

Relative to the 2022 Rowan MRE, there was a decrease in the Inferred mineral resources from approximately 827,000 ounces to 116,000 ounces and an increase in Indicated mineral resources from zero to approximately 196,000 ounces. The drop in Inferred metal content is mainly attributed to 1) conversion of Inferred to Indicated resources, 2) a more rigorous modeling approach, and 3) more stringent resource estimation parameters implemented to account for the high gold grades typically seen at Rowan. The integration of oriented drilling data and top-to-bottom geochemical analysis allowed the team to reconstruct the geologic interpretation at Rowan resulting in a much more tightly constrained, higher-grade resource that should lend itself more effectively to any future reserve calculation and underground mining design. A \$4.5M drill program is planned and fully funded for up to 15,000m of drilling at Rowan in 2024, focused on growth and resource expansion on the main Rowan Mine deposit.

Shane Williams, President & CEO, stated, "The 2024 Rowan MRE model represents a complete reinterpretation of the structural controls on mineralization and reflects a more conservative esti-

mation approach in-line with industry best practices. When drilling off structurally complex high-grade gold systems that contain significant amounts of coarse gold it is essential to have a solid

understanding of the geology and controls on mineralization early in the process. We are very encouraged to see a significant portion of higher confidence Indicated resources come from this MRE

update - and at grades 40% higher than the 2022 MRE. The objective for this year at Rowan will be growth, and we continue to see significant potential for expanding at depth and along strike."

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First Drill Targets Identified At Umm Ash Shalahih After The Typhoon Survey Completion

RIYADH, SAUDI ARABIA - Ivanhoe Electric Inc. announced the completion of the first full quarter of exploration activities in Saudi Arabia by its joint venture company established between Ivanhoe Electric and Saudi Arabian Mining Company Ma'aden.

President and Chief Executive Officer, Taylor Melvin, said, "We had an exceptional first quarter of exploration activities in Saudi Arabia with our partners at Ma'aden. Our dedicated joint team completed the first Typhoon™ survey at Umm Ash Shalahih and identified our first drill targets which we expect to start drilling by the end of May.

We demonstrated the disruptive capabilities of Typhoon™ together with the machine learning-based inversion software of our subsidiary, Computational Geosciences, to rapidly identify subsurface geophysical anomalies in a challenging geologic environment. With large areas of resistive rock exposed at surface, several portions of our survey required transmission voltages of over 5,000 volts, which Typhoon™ is capable of achieving while maintaining a high signal quality. We are excited to continue our Joint Venture's exploration activities across the Al Amar and Wadi Bidah belts as we deploy a new generation of Typhoon™ units into the field."

Initial Typhoon™ survey on the Umm Ash Shalahih Exploration License near the Al Amar Gold-Copper-Zinc Mine was successfully completed and identified promising anomalies for drill testing

The Joint Venture's initial Typhoon™ survey commenced in late November 2023 and was completed in March 2024. The survey covered 76 km² of the Umm Ash Shalahih exploration license which largely surrounds Ma'aden's Al Amar Gold-Copper-Zinc mine (which is not part of the Joint Venture).

The first high priority area is called 'Area B', an area previously explored by France's Bureau de Recherches Géologiques et Minières (BRGM) in the 1970s. The BRGM identified several areas at surface with geological alteration and mineralization, including Area B.

Our Typhoon™ survey results correlate very closely with the previous work but extend and expand the results to greater depth, providing an attractive target for follow-up drilling. Area B is an area that also features ancient artisanal vein mining for gold at surface, attesting to the presence

of historical near-surface mineralization.

The second high priority area is called 'Umm Ad Dabah', which is located to the north of the Umm Ash Shalahih exploration license at the northern limit of the recently completed survey grid. Previous mapping and drilling by the BRGM in the 1980s had identified an area showing Volcanogenic Massive Sulfide ("VMS") mineralization in their drill holes. The Typhoon™ survey results show these as both conductivity and chargeability anomalies extending to the northeast and southwest of the surface outcrop and historic drill holes.

The altered zone is about 360 m long and consists of very intense epidote-chlorite-actinolite alteration with disseminated iron oxide boxworks, presumably after pyrite. Copper oxides are locally observed in fractures and rock cleavage at surface.

Drilling of these two high priority targets is expected to commence before the end of May 2024.

As the survey at Umm Ash Shalahih encompassed the Al Amar Gold-Copper-Zinc Mine site, identification of on-mine or near-mine geological targets is also a priority. As a result, a joint interpretation team has been assigned from the Al Amar mine geology team, Ma'aden, and Ivanhoe Electric to help guide this interpretation.

Typhoon™ survey work has now moved to the Al Amar Exploration License 11 which is to the immediate north of Umm Ad Dabah and was chosen because the Umm Ad Dabah geophysical anomalies trend onto this license. In addition, while initial exploration activities have focused on the Al Amar Belt, early exploration work will start in the second quarter at the 'Gehab' prospect in the Wadi Bidah Belt area located between 220 km and 270 km southeast of Jeddah. Gehab was identified as an outcropping gossan related to the surface exposure of VMS by the BRGM in their work in the 1970s. Limited drilling was completed but was not expanded beyond the limited surface expression. Gehab is a high priority for Typhoon™ survey work once the first new generation Typhoon™ unit arrives in Saudi Arabia. Ahead of that, geological mapping and sampling work will start in the second quarter to provide geological and geochemical data for incorporation into the Typhoon™ model that will potentially provide significant down dip and strike extension of

known surface mineralized exposures.

As the subsequent new generation Typhoon™ units arrive in Saudi Arabia, they will be deployed to the other high priority areas in the Al Amar Belt where satellite imagery and historical work has identified surface alteration potentially associated with mineralization.



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Significant High Grade At Tuvatu Alkaline Gold Project

NORTH VANCOUVER - Lion One Metals Limited reported significant new high-grade gold results from ongoing infill and grade control drilling at its Tuvatu Alkaline Gold Project in Fiji. Assay results from the infill and grade control drilling completed in the Zone 2 area of Tuvatu show multiple bonanza grade gold results such as 448.98 g/t, 202.34 g/t, 108.5 g/t, 92.89 g/t, and 82.35 g/t. These drill intercepts are all located in the near surface portion of Tuvatu and are scheduled for mining in the short term.

The results are from drill holes that targeted the URW1 and Murau lode systems proximal to underground development. Previous results from Zone 2 drilling were reported prior. Mining operations are also advancing in Zone 2 and in Zone 5. A total of 2,630 m of sludge hole drilling has been completed in advance of longhole mining in Zone 2. In Zone 5, airleg stoping on the UR2 lode is ongoing, with two leadings stopes underway and sublevels being driven for a gallery stope. Longhole production drilling is expected to commence in both Zone 2 and Zone 5 in late April, generating production tonnes in mid-May.

The Zone 2 area of Tuvatu is located in the northwest part of the deposit, near the main portal. The URW1 and Murau lode systems are the primary mineralized systems in Zone 2, with production mining starting first in URW1 and then in Murau. A total of 38 drill holes are reported, including 18 targeting the URW1 lodes and 20 targeting the Murau system.

The URW1 drilling was designed to provide grade control results between the 1161 and 1101 levels in Zone 2, and to provide infill and down-dip extension results in the URW1 system below the 1101 level. Leading edge airleg stoping has been completed on the 1141 level, and a 5 m wide access drive on the 1161 level has also been completed. The 1161 access drive will provide longhole drill and underground loader access to the upper part of the URW1 lode system for mechanized production.

The Murau drilling was designed to provide infill and grade control results in the upper portion of the Murau lode system, which will be the first part of the system to be mined and is scheduled for production in Q3 2024. The Murau lode system dips moderately to the SSW and is open down dip and at depth. The upper portion of the system that is targeted for near-term mining has a strike length of 80m and extends down dip for a length of 100 m.

The Murau lode system will be the second area to enter production in Zone 2 after the URW1 lode system. The drilling is infill and grade control drilling in the upper portion of the system. View is to the southeast, looking approximately down the decline from the entrance portal. The intersections on the bottom left of the image represent newly discovered mineralized lodes to be followed up with near-mine exploration drilling.

The URW1 lodes will be the

first at Tuvatu to undergo mechanized production mining. Development has been ongoing across the 1101, 1121, 1141, and 1161 levels in advance of production. A leading airleg stope has been completed on the 1141 level, and the 1141 A and B vein drives are undergoing stripping to facilitate larger equipment, in preparation for bulk stoping. An access drive has been completed on the 1161 level and will provide access for the longhole drills and larger loaders.

The URW1 lodes consist of primary subvertical veins with a halo of stockwork mineralization. Sludge drilling is being conducted in advance of mining to confirm the extent of stockwork mineralization beyond the primary vein as well as to inform the final stope design. A total of 1,930 m of sludge hole drilling has been completed in the URW1 lode system. Sludge hole drilling on the 1101 level is complete (1,200 m) and is ongoing on the 1121 and 1141 levels



(730 m complete to date). Longhole drilling will commence in the URW1 lode system in late April with production mining of the 1101 level starting in May. Sludge drilling has also commenced on the Murau lode system with 700 m complete to date.

In Zone 5, airleg stoping on the UR2 lode is underway on the 1130 North level and on the 1120 South level. Airleg development is ongoing on the

URW3 lode with airleg rises planned above the 1126 Sublevel. Mineralization in the UR2 and URW3 lodes is predominantly subvertical high-grade narrow-vein gold with minimal stockwork veining. Longhole mining is scheduled to take place in Zone 5 on the 1120 North UR2 drive, beginning in May.

Two remote-capable loaders required to facilitate the extraction of material from longhole

stopes have been acquired. A CAT 1700 loader fitted with remote technology will be commissioned in May for bogging of the 1101 bulk stope at the URW1 lodes, and a CAT 1300 remote loader from Australia is now on site and will also be commissioned in early May. These loaders will enable increased production from the mine.

The first of two blowers ordered to upgrade the CIL circuit and improve aeration within the tanks has arrived on site and will be installed by April 30, 2024. The second blower is scheduled to arrive by the end of April and will be installed in early May.

Air sparger installation in the CIL tanks was completed in April resulting in improved aeration and gold recovery in the CIL circuit, with gold recoveries of over 80% achieved. Installation of the new blowers is anticipated to further improve aeration and recoveries in the CIL circuit.

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HERCULES COPPER TREND

Positive Copper Porphyry Potential At The Zeus Project

VANCOUVER -- NevGold Corp. has identified significant copper porphyry potential after completing a geological review and 3-D model of the newly staked Zeus Copper Project in southwestern Idaho. The Company's geological review included detailed assessments of historical records, compilations and reinterpretation of numer-

ous published geological maps, creation of a 3-D geological model, and analysis of rock chip samples collected by the NevGold Team while staking the mineral claims.

CEO, Brandon Bonifacio, said, "We are very pleased with how positive the results have been from our upfront geological work on the newly staked

Zeus Copper Project. Due to our strong presence in Washington County, Idaho with our Nutmeg Mountain gold project, our team had a robust understanding of the regional geology which we were able to leverage in the identification of the Zeus Project as the next best copper porphyry target on the trend alongside the Hercules Project. Over the past 6

months we have also spent a significant amount of time in the field with our technical team. Instead of utilizing external land staking crews, our core NevGold team completed the staking process which also allowed us to advance surface geology work including reconnaissance mapping and rock chip sampling as we were in the field staking

claims. This has been a major advantage in being able to rapidly advance the project. All of the geological signatures that we encountered through our geological review and time in the field solidify our view that Zeus has excellent copper porphyry potential and is some of the most strategic ground in this emerging Hercules Copper Trend."

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