

THE MINING RECORD™

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THIRTEEN DECADES OF CONTINUOUS INDUSTRY COVERAGE
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Denver, Colorado, USA



Metals Watch (03/15/2023): Gold \$1,919.60 • Silver \$21.68 • Copper \$3.89 • Lead \$.93 • Zinc \$1.29 • Platinum \$974.00 • Palladium \$1,356.00 • Uranium \$50.75 • Rhodium \$8,000.00 • Lithium \$72.00/kg • Coal: \$137.00/t

NEW MEXICO

Aggressive Step-Out Holes At High-Grade Mogollon Project

VANCOUVER - Summa Silver Corp. reported on the ongoing drilling at the high-grade silver-gold Mogollon Project near Silver City, New Mexico. Four more holes have intersected the Queen Vein marked by intermittent to continuous quartz-carbonate veins and breccias over meters to tens of meters with local zones of silver-bearing sulfides. Drilling focused on expansion around the historic Consolidated Mine continues to intersect strong visible mineralization where MOG22-12 is a 100 m step-out, MOG23-13 is a 75m step-out, and MOG23-14 is a 150 m step-out from holes previously drilled. The mineralized zone remains open in multiple directions and now covers a strike length of 500m with some of the strongest visually mineralized holes intersected on the edges of the current drilling pattern.

Drilling continued until the end of February, with three rigs in full operation testing the Consolidated extension target over an area of 500m along strike by 350m up- and down-dip. Work is just beginning at the Mogollon Project with this first target representing only 1% of the total vein and structure strike length present at the project.

Galen McNamara, CEO, said, "Aggressive step-out drilling continues to cut broad zones of visually striking vein material often within several stacked horizons. We are now beginning to understand the potential of this first target but are nowhere near understanding the potential of the Mogollon Project as a whole. We



Drilling continued until the end of February, with three rigs in full operation testing the Consolidated extension target over an area of 500m along strike by 350m up- and down-dip.

are developing additional low-surface impact targets through extensive 3D geological modelling and look forward to sharing them in due course, along with assay results from the ongoing drill program.

"The Mogollon district presents a very rare discovery opportunity, and for good reason. It is my strong belief that the district has the potential to be one of the great remaining vein fields still left in the United States."

The Mogollon Project is located 120 km from Silver City in southwestern New Mexico. It covers an extensive, silver-gold bearing epithermal vein field. Between 1904 and 1925 the district is reported to have produced 13.1M ounces of Ag and 271k ounces of Au from 1.39M tons of rock.

Production stopped in 1942 due to the wartime cessation of all gold and silver mining in the United States.

The company's address is Suite 918, 1030 West Georgia Street, Vancouver, BC, V6E 2Y3, (604) 288-8004, info@summasilver.com.

DATED MATERIAL — RUSH

News

Drill program at the King Solomon Prospect leads to significant discovery.....	2
High grade-gold zones continue at Golden Mile.....	4
Large soil anomaly on Utah Lithium Butte Projects.....	7
Mineralization confirmed in underground workings at Sheep Creek.....	8
Infill program commences at the Sunbird deposit.....	10
Rochester has strongest performance in recent years.....	11
Gold Range Project commences drilling.....	13
Phase one maiden drill program at Hercules Silver Property..	14
Geophysical surveying at Black Hawk Mining District.....	17
Eastward Plunge Extension drilling continues.....	18

NEVADA

Bullfrog Final Drill Permits

VANCOUVER - Zacapa Resources has completed all permitting requirements related to the inaugural South Bullfrog drill program in Beatty, Nevada.

Drilling is anticipated to commence in this month, with 3,000 metres planned to test top ranked epithermal gold exploration targets at the Shingleback and Longtail prospects.

Notice of Intent filed and accepted by U.S. Bureau of Land Management for the Shingleback and Longtail drill prospects.

Zacapa has received approval from the U.S. Bureau of Land Management for its Notice of Intent for proposed drilling activities at the Longtail prospect, which

together with previously reported Shingleback permit completes the permitting activities for the inaugural drill program at South Bullfrog.

The approved drill program at South Bullfrog includes four drill pad locations at Shingleback and three drill pad locations at Longtail.

The total number of drill holes and metres drilled from each pad will be based on results and can be increased pending success.

"Zacapa's technical team has advanced South Bullfrog from early greenfields exploration to high quality permitted drill targets in 14 months," commented Adam Melnik, CEO & Director.



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Drill Program At The

VANCOUVER - Visionary Gold Corp. reported on the exploration program resulted in a grassroots discovery of nickel-cobalt mineralisation at its King Solomon Prospect in Wyoming. Diamond drill hole KS22-003 intersected 44.5 metres (m) of 0.23% nickel, 0.01% cobalt (from 87 m depth), including 17.0 m of 0.42% nickel, 0.23% cobalt and anomalous levels of precious metals. The nickel-cobalt values are associated with disseminated sulfides, pyrite, pyrrhotite, and possible pentlandite, violarite within intermediate and mafic intrusive rock units.

"We are thrilled that systematic regional exploration has led us to a significant new discovery of nickel and cobalt mineralisation in Wyoming," commented CEO Wes Adams. "These results confirm the effectiveness of explo-

ration techniques used to evaluate our large land package within the under-explored Wyoming Craton, which has the potential to host multiple types of mineral deposits including copper-nickel-platinum group element deposits. Our primary focus in the immediate future will be to build on this high potential new nickel-cobalt discovery at King Solomon with more drilling. Ramped up regional exploration and potential drilling at our Lewiston-Miz gold target in 2023 are also being considered."

The King Solomon drill target was identified after Visionary discovered surface copper, nickel gold and cobalt mineralization 3 km east of KS22-003 at Black Rock. Subsequently, an induced polarization (IP) geophysical survey highlighted a zone of possible sulfide mineralisation below sur-

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Drilling On Chinchilla Zone

VANCOUVER - Ridgeline Minerals Corp. reported on the six (6) unreported drill holes from the drill program at the Selena Project, located in White Pine County, Nevada. The Chinchilla Target include SE22-039A which returned 1.5 meters (m) grading 581.0 grams per tonne (g/t) silver (Ag), 0.2% zinc (Zn), and 2.0% Tungsten (W) starting at 244 m downhole. Hole SE22-039A was an 11.7 m long wedge that was attempted off the original parent drill hole SE22-039, which was also lost in a fault zone in high-grade Ag-W mineralization at 279 m downhole. The two intercepts now confirm over 30 m of vertical continuity within a structurally controlled zone of high-grade silver-tungsten mineralization hosted within Quartz-Feldspar Porphyry (QFP) dikes. Mineralization hosted within QFP dikes is atypical of the Ag-Au-Pb-Zn Carbonate Replacement (CRD) mineralization discovered at Selena to-date and may indicate a primary "feeder" fault has been intersected at the Chinchilla zone. Additional follow-up drilling is required in 2023 to confirm this theory.

The remaining five (5) core holes included a four-hole (4) maiden drill program at the Broken Egg oxide gold (Au) target and a single (1) "scout" hole at the Juniper CRD target to test the down-dip extension of historical high-grade drill intercepts. Broken Egg returned a highlight intercept of 4.4 meters (m) grading 0.68 grams per tonne (g/t) gold (Au) including 0.5m grading 2.66 g/t

Au starting at 0.6m downhole in drill hole SE22-044

Michael Harp, Vice President, Exploration, commented, "Over the past two years our systematic approach to exploration at Selena has yielded multiple grassroots discoveries that exhibit the potential for significant scale and grade. Our fall program at the Chinchilla zone returned the highest CRD grades ever drilled on the property and the addition of bonanza grade silver and tungsten intercepts in holes 39 and 39A adds a new high-grade target to be followed-up on this spring.

The scout drill programs at Broken Egg and Juniper were part of our greater exploration strategy of assessing the potential of all priority exploration targets at Selena prior to commencing infill and definition drilling at the Chinchilla zone. Both targets intersected encouraging alteration and mineralization, with Broken Egg representing the distal expression of over 8 kilometers of alteration and mineralization that is zoning outwards from the Butte Valley Porphyry. Core drilling this year will focus on infilling the high-grade Chinchilla zone as well as step-out drilling towards the CRD target, where drilling to-date has defined over three kilometers of mineralized strike that is open in all directions. We eagerly anticipate the pending approval of an expanded exploration Plan of Operations permit this spring, which will allow us to aggressively explore this highly prospective mineralized corridor."

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King Solomon Prospect Leads To Significant Discovery

face copper and zinc soil anomalies. The first two holes drilled at King Solomon were KS22-001 and KS22-002. Both holes encountered disseminated to semi-massive sulfide within iron-rich Archean sediments that had anomalous, but insignificant grades of copper and zinc. A third hole, KS22-003 was planned 300 m south of KS22-001 targeting another possible sulfide zone beneath a correspondent nickel-chromium soil anomaly. In this hole, disseminated sulfides were observed at around 100 m depth within intermediate and mafic intrusive rocks beneath the barren sediments.

The more dominantly mafic intervals correlated with anomalous nickel, chromium, cobalt, and gold-platinum-palladium values over 68 m, with higher values over 17 m in the middle of the mineralised zone. Holes KS22-004B and BR22-001 intersected zones believed to be from nickel oxides, as no sulfides were observed. It is possible that these intercepts are insignificant, however, were included to highlight the high mineral tenor and poten-

tial of the mafic rocks regionally, as those holes were drilled 300 m north and 3 km east of KS22-003, respectively. Thin section and X-ray diffraction analyses of select samples from these holes will be analyzed to better understand the lithology, sulfide chemistry and geologic order of all mineralised intercepts.

In 2022 Visionary drilled 514.32 m of diamond core drilling at Wolf and 1014.14 m at Black Rock and King Solomon. Highlights from Drilling at Black Rock.

Drilling at Wolf yielded low grade gold mineralisation at depth, and it is believed that surface mineralisation was due to supergene enrichment along the Wolf shear zone, on the Ruby patented claims.

Visionary terminated its lease on the Ruby, Mill and Helen G patented claims after drilling concluded in 2022. Visionary has retained all its unpatented claims at the Wolf Gold Project and has permitted an additional 26 drill holes on its Lewiston-Miz target, adjacent to the Wolf claims. Visionary believes that the Lewiston-Miz target is a viable target for hypogene (deep) gold and copper mineralisation.

Drill core (HQ ~63.5 millimeters) was geologically logged with samples defined based on observed geological features. Sample intervals were cut in half with a core saw with one half placed in a sample bag and the other retained in the core box for reference. Samples were batch shipped to ALS Global laboratory using analytical process Au-ICP21, PGM-MS23, ME-MS41 and ME-MS-89, or American Analytical Services Inc. using analytical process FA Au/Ag, ICP35.

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High-Grade Gold Zones Continue To Be Reported At Golden Mile

COLORADO SPRINGS, CO - "The latest drill results from Golden Mile in Mineral County, Nevada, continue to demonstrate growth potential with significant zones of high-grade gold," stated Barry Devlin, Vice President of Exploration for Fortitude Gold. "Based on drilling to-date, our geologic understanding of the intervals that host gold mineralization has evolved from an initial fault and vein hosted system to one in which the gold is also

in stratabound, tabular zones. We have modified our upcoming drill campaign to better test the stratabound gold-bearing stratigraphic model. While we continue to intercept mineral at numerous elevations and zones, testing the new model could allow for more connections of the gold-bearing zones. After we have thoroughly tested the new model, we plan to update the current resource and/or convert it into a reserve."

"It is very exciting to intercept twenty-four meters, or seventy-eight feet, of over six grams per tonne gold, among other additional high grade gold intercepts, at our Golden Mile property," said Jason Reid, CEO and President. "We remain consistent with our goal of advancing mines into production at the earliest possible point in time. Near-term potential to make a production decision based on an initial phase one open pit is pos-



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sible. This would add to our production profile while we target additional mineralized zones in subsequent pit phases."

There are multiple high-grade gold drill intercepts at its Golden Mile property. Intercepts include 3.05 meters grading 30.94 grams per tonne (g/t) gold within 24.38 meters grading 6.01 g/t gold, and 4.57 meters grading 5.12 g/t gold within 19.81 meters grading 1.80 g/t gold.

This latest Golden Mile drill program was designed to infill and connect deeper mineralized zones within the main resource area as well as test mineralization extension potential to the east beyond the main mineralized area. Multiple holes encountered high-grade gold at various zones and elevations within the original resource area as well as gold intercepts east of the main resource area.

To-date, Golden Mile mineral resource delineation drill campaigns were designed to target a geologic model of multiple fault and vein structures. This model resulted in drill hole directions predominantly in a northeast and southwest orientation. Various mineralized intercepts encountered during 2022 have introduced a new geologic model whereby the gold mineralization in the skarn is also stratabound, as numerous tabular or flat lying beds with multiple elevations and mineralized zones were intercepted. Additional drill

campaigns are planned to efficiently test the open areas of the new skarn-related stratabound geologic model by drilling in new and varying orientations relative to the updated model.

While further delineation drilling is needed to target the connection of numerous gold-bearing zones intercepted to-date, management is currently analyzing and advancing a phase one open pit shell design and potential mine build. The phase one open pit would target production from surface and near surface gold mineralization. Further delineation efforts are expected to add additional open pit phases. The permitting process already underway is incorporating a phase one open pit approach. The plan is to then add pit laybacks (similar in concept and execution of the pit phases at the Isabella Pearl mine) as further delineation of the mineralization allows.

In preparation for a positive production decision and in response to the recent years of dramatic inflation, supply chain issues and limited material and equipment availability, equipment and materials for Golden Mile that have been purchased to-date include crushing equipment, grasshopper conveyors, heap leach pad liner, a modular carbon recovery plant (built off-site), operational rolling stock to include a loader and bulldozer, modular office space among other materials and equipment.

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Large Soil Anomaly On The Utah Lithium Butte Projects

VANCOUVER - Rockland Resources Ltd. reported on plans for an initial reverse -circulation drill program in the spring 2023, on its Lithium Butte targets, located in Juab County, Utah. The Company has received positive results outlining elevated lithium values in soil samples over its Fish Springs Playa Property. The lithium soil anomaly was initially defined with a Laser Induced Breakdown Spectrometer (LIBS) capable of light metal detection (including lithium and beryllium), which was calibrated and validated by laboratory analyzed soil samples. This lithium geochemical anomaly trends northeast-southwest for approximately 9 kilometres and varies in width from 4 - 6 kilometres.

Lithium Butte Project is the western-most project is situated 185 kilometres southwest of Salt Lake City and hosts claystone volcanic tuff breccia units interpreted to be highly prospective for lithium (Li), beryllium (Be) and rare earth mineralization. Company sampling has returned up to 4,080 parts per million lithium (ppm Li) from a grab sample and channel sampling returned 25.2 metres at 1,388 ppm Li, including 8.0 metres at 2,155 ppm Li and 0.7 metre at 3,540 ppm Li. Multiple prospective targets have been indicated

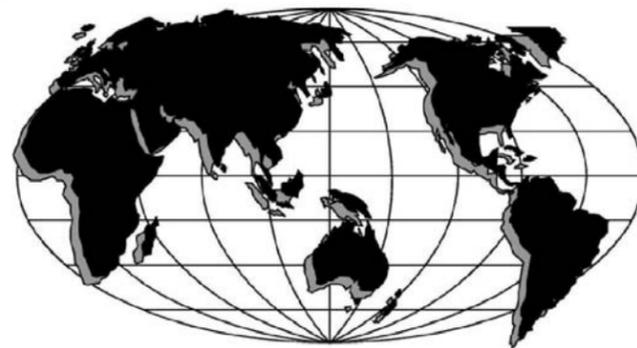
and an initial reverse circulation ("RC") drill program is proposed and permitting has been submitted to the Bureau of Land Management (BLM). Several drill contractors have been contacted and quotes received, and Company personnel are reviewing them for a program to start in March or April.

The Fish Springs Playa Project is the eastern-most project comprising mineral claims directed at claystone lithium mineralization and placer claims focused on lithium brine targets. The Fish Springs Playa Property was covered by extensive, widely spaced (300 metres x 300 metres) soil samples taken by North American Exploration of Layton, Utah during the fall of 2022. The samples were initially tested using a handheld Laser Induced Breakdown Spectrometer (LIBS) developed by SciApps Inc., of Woburn, MA. Samples were screened, compacted, and scanned at Rockland's company facility in Delta, Utah by in-house geologists. After the initial data created by the LIBS suggested a lithium-in-soil anomaly in the Fish Springs Flats area, 151 soil samples were selected, representing

both higher and lower grades of lithium, and sent to Activation Laboratories (ActLabs) for validation. The ActLabs results have confirmed the existence of the lithium-in-soil anomaly. Historically, there had been no known lithium exploration activities undertaken on the Fish Springs Flats area. The identification of the anomaly is a significant step forward in advancing this green fields project.

Of the samples assayed by the laboratory, thirteen samples assayed with greater than 300 ppm lithium with four greater than 375 ppm. Elevated lithium values are primarily found in a mud flat in the center of the valley with weaker values found on the margins. Several springs are found throughout the mud flats and the LIBS instrument detected 440 ppm in a soil sample taken from the drainage area of one of the springs. Through an exhaustive calibration process, aided by SciApps personnel, this technology allowed the Company to quickly evaluate the lithium prospectivity over large areas. Over 2000 soil samples were scanned with the LIBS instrument by Company personnel.

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BamaStar Project Maiden Mineral Resource Estimate

VANCOUVER - South Star Battery Metals Corp. announced the successful completion of its maiden mineral resource estimate (MRE) for the BamaStar Graphite Project located in Coosa County, Alabama. The independent mineral resource estimate was prepared in accordance with Canadian Securities Administrators' National Instrument 43-101.

Richard Pearce, CEO, said, "The BamaStar maiden mineral resource estimate is a fantastic result and confirms the potential for a significant deposit at this historical mine with at-surface mineralization that should be amenable to open pit mining techniques and low strip ratios. It's one of two projects in the continental United States with a defined mineral resource estimate. The preliminary drilling program was designed to test limits and continuity, and the team successfully achieved those objectives. We have successfully completed our 3-tonne pilot plant metallurgical testing program confirming our process flowsheet and recoveries. We have contracts signed for the next drilling program expected to begin around May 2023, and we are planning to get a NI 43-101 PEA completed by Q1 of 2024. The PEA will present our strategic plan of two mines, each producing 50,000 tonnes per year of concentrates, feeding a centrally located, value-add plant in the southeast United States and producing active anode material for electric vehicles, as well as purified/micronized and expandable graphite products. South Star has two scalable assets in strategic, stable, mining-friendly jurisdictions and the team to build and operate them in a safe responsible manner in partnership with communities and stakeholders.



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Mineralization Confirmed In Underground Workings At Sheep Creek

VANCOUVER - US Critical Metals Corp. and US Critical Materials Corp. reported on the underground channel sampling completed at the Sheep Creek Rare Earth Project in southwestern Montana. The sampling was completed in Adit #1 and Adit #3 which were developed in the late 1950's for niobium mineralization by the Continental Columbium Company. Until now, the workings have not been accessed and evaluated for rare earth mineral-

ization. A total of 23 samples were collected and described by the Partners, and were analyzed by Activation Laboratories (Actlabs), located in Ancaster, Canada.

Highlights from Underground Sampling Program: 1) A total of 23 carbonatite samples confirmed rare earth mineralization with grades up to 102,293ppm (10.23%) Total Rare Earth Elements (TREE) (Sample #720), including 13,940ppm (1.39%) combined neodymium and

praseodymium, which are the most sought after of the Light Rare Earth Elements ("LREE") group. 2) Underground results reveal an average of 50,400 (5.04%) TREE, including an average combined 6,721ppm (0.67%) neodymium and -praseodymium.

These grades are consistent with the surface sample results and therefore suggest uniformity in the TREE content of the carbonatite bodies. 3) The carbon-

atites within the Sheep Creek mine workings are strongly enriched in LREE with an average value of 5.03% compared to 121.6ppm for Heavy Rare Earth Elements (HREE). 4) Preliminary geologic mapping has tentatively connected several of the carbonatite bodies suggesting continuity over several hundred meters. The exposures sampled in the adits are likely contiguous with surface exposures, a vertical distance of about 50 meters. Expanding both

dimensions will be the focus of a drilling program.

James Hedrick, President, said, "The combination of surface and underground sampling gives us an indication that mineralization could be contiguous, and in combination with detailed mapping, will form the basis of our Phase I drill program. These results continue to support our geologic thesis and significantly advance our ability to generate high quality drill targets."

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Infill Drilling Program Commences At Sunbird Deposit

VANCOUVER - Paul Weedon, Senior Vice President of Exploration at Fortuna Silver Mines, stated, "Infill drilling at Sunbird, located in Cote d'Ivoire, to upgrade resource confidence has commenced, with the first batch of results returning shallow high grade intersections from modelled low grade areas from within the pit optimization shell, including highlights such as 10.6 g/t Au over a true width of 21.7 meters in drill hole SGRC1572 and 14.9 g/t

Au over a true width of 14 meters from drill hole SGRC1570. In addition to the initial infill results, extension drilling to test the northern strike beyond the pit shell has been successful in intersecting additional high grade results such as 12.0 g/t Au over a true width of 5.6 meters in drill hole SGRC 1566 and 6.6 g/t Au over a true width of 6.3 meters in drill hole SGRC1567. The focus at Sunbird is currently on upgrading its resource confidence with the ulti-

mate intention of conversion to mineral reserves to expand Séguéla's current 1.1 million ounces of gold reserves and nine-year life-of-mine. We are forward to positive outcome of the program and the resumption of testing the high grade depth potential beyond the current optimization shell limit."

Sunbird Deposit infill drilling highlights: 1) SGRC1572: 10.6 g/t Au over an estimated true width of 21.7 meters from 60 meters. 2) SGRC1570: 14.9 g/t Au over an

estimated true width of 14.0 meters from 65 meters and 5.4 g/t Au over an estimated true width of 4.2 meters from 38 meters. 3) SGRC1566: 12.0 g/t Au over an estimated true width of 5.6 meters from 28 meters. 4) SGRC1576: 9.9 g/t Au over an estimated true width of 9.8 meters from 163 meters. 5) SGRC1568: 4.1 g/t Au over an estimated true width of 14.7 meters from surface. 6) SGRC1573: 6.6 g/t Au over an estimated true width of 9.1 meters

from 126 meters. 7) SGRC1564: 2.5 g/t Au over an estimated true width of 19.6 meters from surface. 8) Infill drilling for increased resource confidence at Sunbird is underway, with 30 holes drilled in the first 4,560 meters completed of a 9,500 meter program. Drilling has continued to intersect shallow high-grade mineralization in areas previously modeled as lower grade based on earlier wider spaced drilling. Drill hole SGRC1572 intersects several zones of mineralization including 10.6 g/t Au over a true width of 21.7 meters and SGRC1570 intersects 14.9 g/t Au over a true width of 14.0 meters in the north of the pit optimization shell.

Drilling to test continuity beyond the pit optimization shell to the north has also intersected broad shallow zones of mineralization including 2.5 g/t Au over a true width of 19.6 meters from surface in drill hole SGRC1564 and 2.4 g/t Au over a true width of 17.5 meters from surface in drill hole SGRC1581. Additional drilling is planned to define the extent of these zones. Drilling is scheduled to be completed in the second quarter of 2023 ahead of further optimization work and integration into the life of mine plan. Further drilling to test the depth potential of the high grade shoots previously identified plunging to the south is planned for the second half of 2023. Sunbird's mineralization consists of a series of near vertical quartz dominant veins demonstrating good continuity down-dip and along strike. This reflects the strong structural control present; consistent with the majority of the deposits drilled at Séguéla to date.

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Rochester Has Strongest Performance In Recent Years

CHICAGO, IL - Mitchell J. Krebs, President and Chief Executive Officer of Coeur Mining, Inc. reported that, "A stronger fourth quarter capped off an important year for Coeur in 2022 as we positioned the

Company to deliver on a pivotal 2023 composed of several important catalysts, including the mid-year construction completion of the POA 11 expansion project at Rochester. 2022 represented a year of unprecedented

global volatility and intensive capital investment by the Company. Decades high inflation, strength in the U.S. dollar and supply chain disruptions made it a challenging year to deliver on many of Coeur's key priorities. Despite the unique challenges, I am proud that our team achieved our full-year production guidance for the third consecutive year, delivered full-year capital expenditures in-line with our guidance and came in below our full-year G&A guidance range. Even with strong fourth quarter production increases, our costs applicable to sales declined, which is a testament to our team's ongoing aggressive cost management efforts and effective business improvement initiatives. In addition, I am particularly proud of our team's safety

performance last year, which resulted in all-time Company low incident rates and among the lowest in the industry.

The POA 11 expansion project made tremendous progress during the fourth quarter, while the Rochester operation ended 2022 with one of its strongest quarters in recent years. Rochester's fourth quarter reflected higher grades placed in the prior quarter as well as the application of many of the important lessons we have generated over the past two years in preparation for the transition to the newly expanded infrastructure later this year.

The year also marked success for reserve replacement, which reflects our ongoing commitment to investing in near-mine exploration. Over the past five

years, the Company has invested nearly \$245 million in exploration to increase our gold and silver reserves by 21% and 49%, respectively, while boosting measured and indicated resources by 77% for gold and 53% for silver. In particular, early success from Kensington's multi-year development and drilling program led to a 56% increase in reserves and the addition of one and a half years of mine life. At Silvertip, silver, zinc and lead measured and indicated resources materially increased year-over-year by approximately 73%, 69% and 81%, respectively, excluding reclassified ounces. We expect Silvertip's resource to continue to expand and support a future potential source of meaningful growth for the Company."

MICHIGAN

Updated Feasibility Study Results For Copperwood

LONGUEUIL, QB - Highland Copper Company Inc. reported on an updated feasibility study for Copperwood project located in the Western Upper Peninsula of Michigan.

Copperwood provides significant leverage to copper price. The updated Copperwood Feasibility Study, done in the high-cost environment of 2022, still has a robust 17.6% IRR at a copper price of \$4.02 per pound. The average yearly production of approximately 30,000 tonnes of copper provides good exposure to copper price increases.

The Project is now fully permitted. The Copperwood Project holds all key Michigan State permits required to proceed with site construction and operation. The detailed design for stream and wetland mitigation work as per permit conditions has been completed. Importantly, an alternative process water solution incorporated in the Feasibility Study Update eliminates the need for the Section 10 Water Intake permit.

Measured & Indicated tonnes increased by 10% and Inferred tonnes increased by 54%. With updated metal price assumptions and a modified reporting cut-off, a significant increase in resource tonnes has been reflected in the 2023 mineral resource estimate relative to the 2018 mineral resource. Considerable opportunities remain to improve the project's economic return. The applicability of ore sorting to remove waste and low-grade material has been tested with positive results.

The potential economic impact will be assessed and incorporated in the detailed engineering phase or in subsequent studies. Additional metallurgical test work will also be performed to determine the potential to reduce reagent consumption. Early works and site preparation are planned at Copperwood for 2023. Some site preparation work will need to be completed to meet permit obligations.

Advancing towards site readiness and starting the initial phase of detailed engineering will help support a construction decision. A portion of these expenditures will net against the initial capital estimate.

"We are happy to introduce Copperwood as one of very few fully permitted copper projects in the US. The economic return

at spot copper price is robust and the project is highly sensitive to copper price changes. It will be exciting to start site works during 2023 as we advance discussions on funding of our Copperwood project," said Denis Miville-Deschênes, President and CEO.



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AURA PROJECT

Additional Exploration Results At Gravel Creek Resource

VANCOUVER - Western Exploration Inc. reported on its surface exploration work program on the Gravel Creek resource area of the Aura Project.

Rock geochemistry and detailed structural mapping completed in 2022 support the concept of NE-trending structures as a secondary ore control to the Gravel Creek system, which were noted in 2020 oriented core. This is an area with multiple high-grade Au-Ag vein intercepts of up to 40.05 g/t Au and 1,951 g/t Ag in the overlying felsic volcanic rocks will be targeted for drilling, focusing on NE trending structural zones with potential to expand resources. The Au-Ag-As-Sb-Mo anomalies in soil and rock geochemistry occur up to 2.0 kilometers to the NE of the Gravel Creek resource, further extending the exploration potential.

CEO, Darcy Marud, said, "Western Exploration has long believed in the potential to greatly expand resources within the Wood Gulch/Gravel Creek mineralized system, and this data gives us additional confidence for drilling in the upcoming field season."

The integration of structural alteration and geochemical data with the oriented core from hole WG450 has brought a greater understanding of the controls on the high-grade veins in the Jarbidge rhyolite overlying and peripheral to the Gravel Creek deposit. Oriented core is planned to verify structural trends and continuity of mineralization, with the ultimate goal of adding the known mineralization into the project resource base. The data also gives us further encouragement to continue to evaluate the Gravel Creek resource area for new areas of mineralization."

WEST-CENTRAL, NEVADA

Down Hole Probe From Drill Holes At Garfield Hills Property

VANCOUVER - Kraken Energy Corp. reported the down hole probe results from the initial drill holes of the 2022 drilling program confirmed wide zones of elevated radioactivity at the at the Garfield Hills Uranium Property in west-central Nevada. Downhole Gamma Probe Results: Drillhole GH22-02 intersected 12.0 meters ("m") of continuous elevated radioactivity with downhole probe readings from 288 counts per second ("cps") up to 3478 cps (from 39.0 to 51.0 m); Drillhole GH22-03 intersected 35.4 m of continuous elevated radioactivity with downhole probe readings from 283 cps up to 5147 cps

(from 0.0 to 35.4 m); Drillhole GH22-05 intersected a total of 45.0 m of elevated radioactivity with downhole probe readings from 252 cps up to 1727 cps (between 19.7 to 70.3 m), including a 16.8 m continuous zone of 252 cps to 983 cps from 27.6 m depth, and a 16.6 m continuous zone of 252 cps to 1727 cps from 53.7 m depth; and Drillhole GH22-06 intersected a total of 32.3 m of elevated radioactivity with downhole probe readings from 264 cps to 977 cps (between 58.8 to 92.9 m).

As previously reported, drillhole GH22-01 returned a total 19.5 m (between 20.0 m to 42.0 m) of elevated radioactivity with scintillometer readings ranging from 250 cps to 1500 cps, however it was not subject to the downhole gamma probe analysis. For the previously announced scintillometer counts on holes GH22-02, GH22-03.

Matthew Schwab, President, and CEO, said, "The downhole gamma probe results not only confirm the previously announced scintillometer readings but demonstrate much stronger downhole radioactivity and even wider zones of mineralization than previously identified. We are highly encouraged with these results and are looking forward to reporting the full assays as they are received as we believe these results are an early indicator of a potential new high-grade uranium system."

A total of 1,600 meters of the planned 2,500 m drill program has been completed to date and is expected to continue through March where the Company will pause drilling to evaluate and plan a phase 2 drilling program. All the completed holes to date, which were analyzed by a handheld scintillometer returned elevated radioactivity, and the Company will compile the downhole gamma probe results to carry out a thorough analysis on all the drill holes.

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Gold Range Project, Arizona Commencement Of Drilling

CALGARY, AB - CANEX Metals Inc. reported that the exploration drilling at the Gold Range Project, Arizona, will commence focusing on new exploration targets with excellent



discovery potential. New surface exploration results support these targets. Reverse circulation drilling will resume focusing on testing 3 new target areas, WestGold, zones parallel to Excelsior, and the new Shaft discovery. The WestGold Soil anomaly has been extended and covers an area 425 metres by 150 metres and contains the strongest gold in soil anomaly identified to date on the Gold Range Property. This is significant as soil geochemistry has been an effective tool for finding gold mineralization across the property. Assay results from January mapping and sampling have been received and confirm both high grade veins and lower grade bulk tonnage style halos at the WestGold Target, with samples returning up to 57.5 g/t gold over 0.4 metres and 1.44 g/t gold over 4 metres. A permit amendment has been received allowing

the Company to drill the new WestGold target and 4 holes are planned as an initial test of the zone. New mineralized vein zones have been mapped parallel to Excelsior and have returned grades up to 21.5 g/t gold over 0.5 metres. At least 3 of these zones have been defined and traced for up to 600 metres along strike, significantly increasing the size potential of the Excelsior area.

Shane Ebert, President, said, "Surface exploration work completed to December 2022 and more recently in January 2023 has successfully defined multiple new mineralized target areas providing CANEX with an excellent line up of drill targets. We are very excited to start our drilling program at the WestGold Target which has returned high grade gold in surface rock samples and contains a 425 metre long by up to 150 metre wide gold in soil anomaly with the strongest gold in soil values defined on the Gold Range Project to date. We are also excited to drill test the 500 metre wide mineralized corridor adjacent to Excelsior where recent field work has defined multiple mineralized quartz vein and stockwork zones running parallel to Excelsior. This area has good potential to materially expand mineralization in the Excelsior area, and potentially along much of the 3.2 kilometre strike length of the zone which is largely covered."

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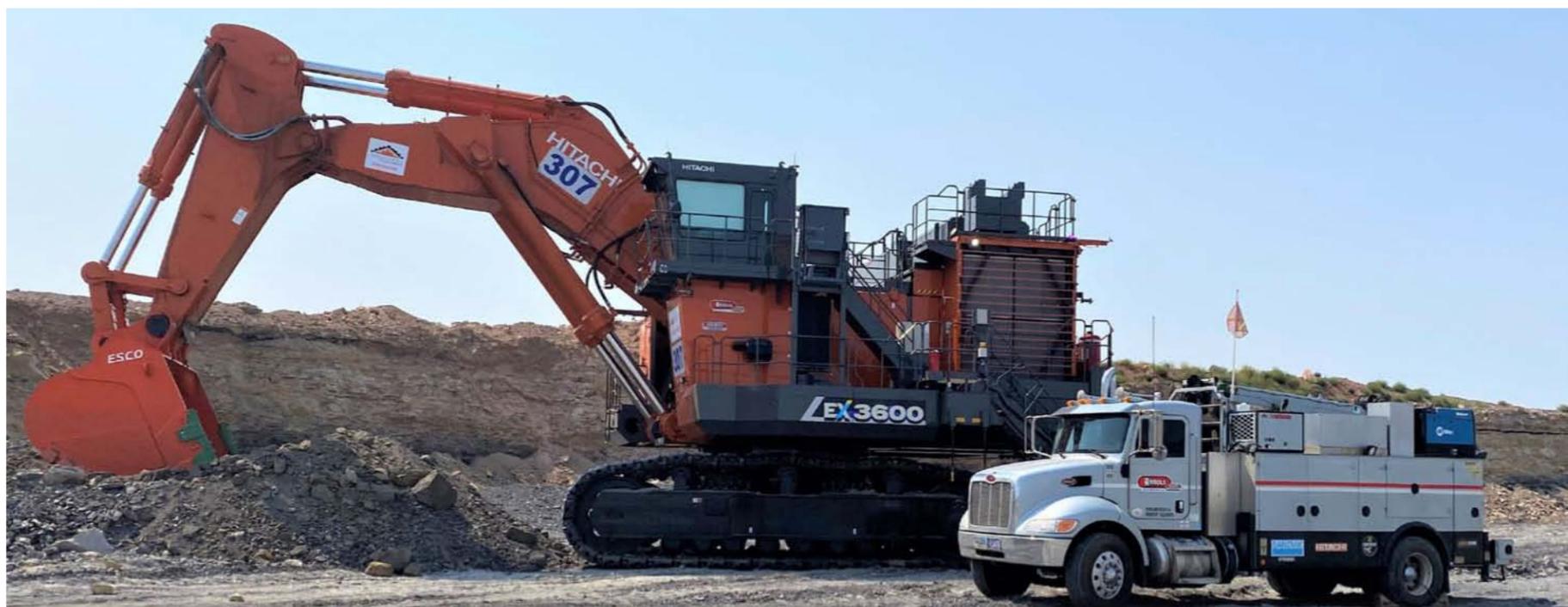
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Phase I Maiden Drill Program At Hercules Silver Property

TORONTO - Hercules Silver Corp. reported on the Phase I drill program at its Hercules Silver Property located in western Idaho. The Company's maiden drill program was designed to test and validate significant silver reported in historical drilling at the Property's Frogpond and Hercules Adit Zones, as well as copper, lead and zinc, which were historically only selectively assayed for. Subsurface drilling grades significantly exceed the grades sampled at surface within both zones, supporting the concept of potential supergene enrichment below surface. The Phase I program utilized a small, low-cost scout drill to gain important geological and analytical information, which will further guide an expanded Phase II 3,000-meter core drilling program. The pre-

liminary drilling results are in line with historically reported grades and widths and provide the Company with confidence in the large-scale exploration potential at Hercules moving forward.

Chris Paul, CEO and Director, said, "The lengths and grades we are seeing near surface at Hercules are remarkable. Broad intervals of intensely altered and mineralized Hercules Rhyolite indicate the presence of a significant silver system, with surface data suggesting we have intersected the top of a large, concentrically zoned porphyry copper-epithermal system. The Phase I results so far are in line with historical drilling and indicate the potential to incorporate large volumes of previous drilling data into future resource calculations. Validating such

data, which has a substantial replacement cost, could potentially add significant value to the project. The preliminary results so far suggest good continuity within mineralized zones which remain open along strike and at depth. We look forward to initiating our maiden core drilling program later this spring, to further delineate these zones and test our conceptual model of a zoned porphyry copper-epithermal system at Hercules."

Drill Hole HER-22-01 intersected 38 meters grading 353 g/t Ag, 0.64% Pb, 2.28% Zn and 0.16% Cu (487 g/t AgEq), beginning at 27 meters depth. The hole was stopped short of its target depth ("TD") due to the limited depth capacity of the scout drill utilized. The hole ended in Hercules Rhyolite and confirms the presence of a high-

grade shoot, now termed the P-19 Shoot after the historical Anglo-Bomarc hole that discovered it. Data suggests the potential for the P-19 Shoot to extend at depth to the east, where it appears to have also been intersected near the bottom of histor-

ical hole 83-5. Five of the nine holes drilled in Phase I were stopped short of their TD due to the shallow depth capacity of the drill. Four of these holes partially tested their targets, while HER-22-06 was stopped short of reaching its target zone.

110 Million Ounces Silver M&I Resource At Waterloo Property

VANCOUVER - Apollo Silver Corp. reported on the updated National Instrument 43-101 Standards of Disclosure for Mineral Projects (NI 43-101) mineral resource estimate (MRE) for its flagship Calico Silver Project, located in San Bernardino County, California.

Highlights of the Calico Project 2023 MRE: 110 million

ounces (Moz) silver (Ag) classified as Measured and Indicated (M&I) declared at Waterloo with an average grade of 100 grams per tonne ("g/t") silver: 81% (90 Moz) classified as Measured at 103 g/t silver, and 95% of Inferred silver ounces have been converted to M&I. 51 Moz silver classified as Inferred: 720,000 oz silver at Waterloo Property, and 50 Moz silver at Langtry Property; 70,000 oz Inferred oxide gold ("Au") ounces added to metal inventory at Waterloo; Robust silver resource: conservative base-case estimate uses 50 g/t silver cutoff grade (COG); and Low strip ratio of 1.1:1 for Waterloo silver resource.

"This is an important milestone that will underpin the future development of the Calico Silver Project," said President and CEO, Tom Peregoodoff. "This updated mineral resource estimate significantly de-risks the Calico Project and confirms Waterloo as one of the premier silver development opportunities in any Tier-1 jurisdiction. This solid outcome is the culmination of a tremendous amount of work by an excellent team that has consistently delivered against our stated objectives. The low strip ratio, combined with the recently announced positive initial metallurgical results, and nearby infrastructure provide an excellent foundation as we advance one of the largest undeveloped silver resources in the USA. Calico is uniquely positioned to benefit from the USA's commitment to reducing its carbon footprint and the increased demand for a secure supply of ethically sourced silver to support that objective. We believe that Apollo provides a compelling investment opportunity for investors looking for exposure to responsibly sourced silver development opportunities."

"I am very pleased with the outcome of our 2023 MRE," Apollo Vice President Exploration and Resource Development, Cathy Fitzgerald, commented. "The team went above and beyond for our 2022 exploration and drilling programs to deliver results on time, on budget and safely, with results culminating in the delivery of a very positive 2023 MRE. The exceptional conversion rate of material from Inferred to Measured and Indicated reflects the robustness of Waterloo's geologic model and the continuous and predictable nature of silver mineralization at Waterloo. With the size of the resource now confidently defined, our plans in 2023 to advance the Calico Project include geotechnical drilling, preliminary engineering work, and additional metallurgical studies. In addition, there remain a number of growth opportunities at Calico and we are confident that further work will not only continue to increase the silver and gold inventory, but add barite to a future MRE at Waterloo."



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COLORADO

High Grade Zone At La Plata

VANCOUVER - Metallic Minerals Corp. reported on the exploration program at the La Plata copper-silver-gold-platinum group element (Cu-Ag-Au-PGE) project in southwestern Colorado. Two holes totaling 1,730 meters (m) were drilled to test lateral extensions of the existing 985-million-pound copper equivalent NI 43-101 mineral resource. Hole LAP22-04, drilled to the north of the resource area, intercepted the longest and highest-grade interval ever encountered at La Plata at 816 m of 0.41% Recovered Copper Equivalent (CuEq). This is one of the top intersections for any North American copper project in the past several years. Significant high-grade gold-platinum-palladium (Au+PGE) mineralization associated with copper and silver represents the discovery of a new style of mineralization in the resource area that has not been previously recognized or explored for.

The porphyry style mineralization in LAP22-04 strengthens through the hole, transitioning from chalcopyrite dominated at surface to bornite-rich at depth. The hole ended in mineralization with the final 5.2 m of copper plus precious metals rich mineralization grading 5.39% CuEq (2.44% Cu, 18.7 grams per tonne (g/t) Ag and 5.0 g/t Au+PGE but did not reach full target depth due to mechanical issues. The last sample in the hole, representing the deepest material, graded 5.42% Cu, with 47.0 g/t Ag and 11.0 g/t Au+PGE for a total of 11.54% CuEq. Mineralization

remains completely open to expansion of the current resource area and outward from drill hole LAP22-04. Both drill holes intercepted continuous porphyry style mineralization starting from surface and ending in mineralization at 914 and 816 meters depth, respectively. Hole LAP22-03 shows that the shallow porphyry style mineralization is weakening to the south and west of the resource but still open at depth.

Drilling Highlights: Drill hole LAP22-04 intersected 816 m of 0.41% CuEq (0.30% Cu, 2.47 g/t Ag, 0.186 g/t Au+PGE) from surface, with multiple higher-grade intercepts; The interval starting at 304.8 m returned 511.2 m at 0.51% CuEq (0.36% Cu, 2.83 g/t Ag, 0.275 g/t Au+PGE); Higher-grade zones include 0.90% CuEq over 55.8 m (0.70% Cu, 5.44 g/t Ag, 0.369 g/t Au+PGE) and 1.5% CuEq over 29.57 m (0.69% Cu, 5.64 g/t Ag, 1.268 g/t Au+PGE); The drill hole bottomed in 5.39% CuEq over 5.2 m (2.44% Cu, 18.7 g/t Ag, 5.0 g/t Au+PGE); The precious metals component of LAP22-04 (silver, gold, platinum and palladium) adds 50% in value above the copper only values. The inclusion of Au+PGE values that were not previously analyzed for in historical drilling represents a significant future upside value opportunity for the project; and The 2022 drilling will be incorporated into an updated NI 43-101 mineral resource estimate for the La Plata project, which is expected to expand significantly based on these results.



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Geophysical Surveying At Black Hawk Silver Mining District In New Mexico

SIERRA BLANCA, TX – Texas Mineral Resources Corp. (TMRC) has conducted a 3rd Phase of electro-magnetic surveying based on continued analysis of the highly encouraging Phase 2 Time Domain Electro-Magnetic (TDEM) survey of high-grade silver veins in the Black Hawk District, Grant County, New Mexico. This 3rd Phase survey is focused on the area of the highest population of significant anomalies detected by Phase 2. Numerical analysis completed since November has continued to yield positive results. Electrically conductive anomalies identified by this analysis conform to known geologic structures. It is thought that these anomalies represent either metal (native silver) or metallic minerals.

The only electrical conductors commonly occurring in nature are metals and metallic minerals, saline water and graphite. Geologic conditions at Black Hawk effectively rule out saline water and graphite.

Phase 3 is a follow-up TDEM survey over the prime area of interest. This survey was designed to extend the depth capability of the method by employing larger current loops and higher power. Current loops have been designed to enhance definitions of anomalies outlined by phase 2. This 3rd phase of field surveying has now been completed and data is being processed.

Diamond drilling will be the 4th phase of the project. Owing to the abundance of near surface targets, less than 120 feet deep, a small, man-portable, diamond drill can be used. This type of drilling minimizes cost, surface preparation and logistics and allows the density of drilling necessary to define these small, high value targets.

Dan Gorski, CEO, said, "Although geophysics is an indirect exploration tool whose pur-

pose is to identify drill targets, these targets must be regarded as unproven until they are verified by drilling. However, TDEM is, in our opinion, the most direct of geophysical methods and is the least likely to produce 'false positive' results. We believe there is a high probability that the electrical conductors thus far seen are in fact metal or metallic minerals."

"Given the outstanding geophysical results of the Phase 2 geophysics, we have decided to delay seeking expanded funding for the New Mexico silver project until we have completed the analysis of the Phase 3 geophysics, the results of which we believe could lead to potentially greater and lower cost funding options", said Anthony Marchese, Chairman.

We hope to see you there!

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Silver Mineralization Encountered At The 125 TPD Pilot Plant

BURLINGTON, ON - Silver Bullet Mines Corp. (SBMI) reported that it is again processing mineralized material at its 125 TPD pilot plant. The mill is currently being fine tuned with low grade material to set the recovery parameters. Having resolved the issues with pouring silver dore bars, and having made the necessary related modification to the mill circuit, the Company intends to process higher grade material. To date the mill has been operating to specifications with non-detectable values for silver in the tailings produced from the shaker table.

The Company has one outstanding order for 50 kilograms of silver including credits for any contained copper or gold. The purchaser of those 50 kilograms has indicated willingness to acquire up to 500 kilograms of silver on a week's notice. The Company is also in discussions with other potential purchasers.

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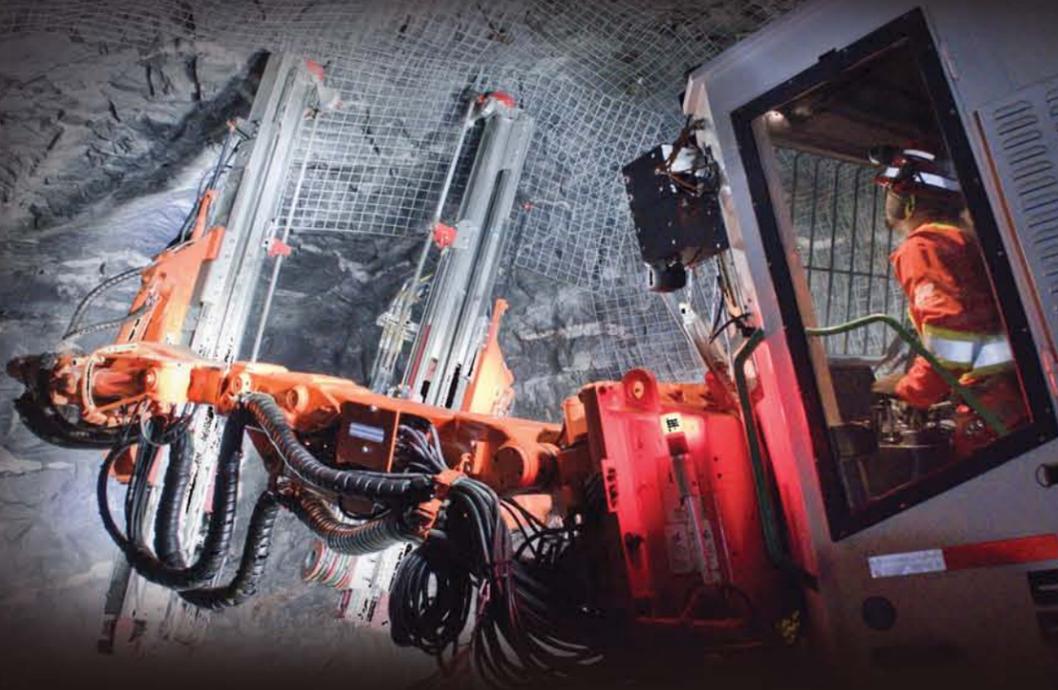
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SWEDEN

Eastward Extension Drilling Continues To Produce Results

TORONTO - Mandalay Resources Corporation reported on the Eastern Plunge Extension drilling and significant intercepts from the Aurora Upper Extension program at its Björkdal operation in Sweden. The Eastern Plunge Extension drilling: 783.0 g/t gold over 0.35 m (Estimated True Width "ETW" 0.25 m) in MU22-032; 104.7 g/t gold over 1.00 m (ETW 0.87 m) in MU22-031; and 22.7 g/t gold over 3.90 m (ETW 3.19 m) in MU22-029. Intercepts at the Aurora Extension: 89.5 g/t gold over 0.30 m (ETW 0.23 m) in MU22-027; 2.9 g/t gold over 3.50 m (ETW 3.05 m); and 36.0 g/t gold over 0.30 m (ETW 0.15 m) in ME22-004.

Dominic Duffy, President Mandalay, said, "Björkdal is a high tonnage and low-grade gold mine with the potential for significant profit growth at relatively small increases to mined gold grades. To this end, a major focus of our near mine exploration program was to identify areas of higher grades that can be prioritized within our short to medium term mining schedules.

Excitingly, these consistent drill results from the Eastern Plunge Extension program are exceeding our expectations by producing highly significant grades the likes of which we would consider exceptional at our high-grade Costerfield mine in Australia.

"The impact of this program has flowed through and upgraded Björkdal's recently announced year-end 2022 Mineral Resources and Reserves estimate with an 11% lift to Mineral Reserves' gold grade from 1.39 g/t to 1.54 g/t for the 11.6 million tonnes in Proven and Probable Reserves.

"As the Eastern Plunge Extension drilling is still in its infancy and currently there is little access to drill further east and down plunge, we do not know how far this significant grade increase will continue. However, to date the Eastern Plunge drilling is completely open to the East and Down Plunge. We will continue to drill this area over the remainder of 2023 to try and establish the continuation of this area and the impact it will have on the long term operations at Björkdal. The mining permit extension which will allow for mining in this area is currently being processed by the authorities and we expect the permit to be issued in 2023.

"Further to the successes of the Eastern Plunge Extension, the Aurora system has been tested successfully approximately 150 metres up dip and to the east from current and scheduled mining. Not only is Aurora itself and the surrounding veining continuous, but significant grades comparable to the core of system have been identified within the veining. This extension is encouraging as Aurora has been, and is currently, the main source of bulk ore tonnage at Björkdal.

"We look forward to providing further updates on these projects throughout the year as well as the developments from our North Zone Extension drilling and the Aurora Depth Extension drilling, which are both ongoing."

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