

Volume 133, Number 1

THIRTEEN DECADES OF CONTINUOUS INDUSTRY COVERAGE www.miningrecord.com

January 2022



Denver, Colorado, USA

Metals Watch (01/19/2022): Gold \$1,840.20 • Silver \$24.56 • Copper \$4.53 • Lead \$1.07 • Zinc \$1.66 • Platinum \$1,048.00 • Palladium \$2,011.00 • Uranium \$45.75 • Rhodium \$15,650.00 • Coal: \$159.00

ALASKA

Exploration Program At Johnson Tract Polymetallic Au Project

VANCOUVER - HighGold Mining Inc. reported results from ten (10) additional holes at its 0.75 Moz Indicated 10.9 g/t gold equivalent (AuEq) Johnson Tract polymetallic Gold Project (JT) in Southcentral Alaska. The 2021 JT exploration program was completed with 19 of 44 drill holes released to date. Drill holes are from infill and expansion drilling at the JT Deposit. Results include new mineralized intersections from: i) the upper deposit area; ii) down-plunge and down-dip extensions of the lower deposit; and iii) footwall copper zone mineralization.

'We continue to be impressed by the strength of the mineralizing system at Johnson Tract," commented President and CEO Darwin Green. "Drill hole JT21-134 is a prime example of the exceptional width and tenor of mineralization at JT, while drill hole JT21-133, which was drilled approximately 400m downplunge of JT21-134 and well outside the current resource, highlights both the continuity and spectrum of mineralization styles present at JT. We are looking forward to the results of our metallurgical test program which will give us the first modern metal recoveries for the Project in over 25 years and will dovetail with the mineral resource update planned for early 2022."

Assay results include an intersection from infill drilling at the JT Deposit from hole JT21-134. It is the second of two planned



Drill equipment barged across Cook Inlet for the Johnson Tract Project (JT). The 2021 JT exploration program was completed with 19 of 44 drill holes released to date. Drill holes are from infill and expansion drilling at the JT Deposit.

infill holes designed with the dual purpose of collecting sample material to support the Phase I metallurgical testing program and also providing better definition of the upper, near-surface portion of the JT Deposit. The hole successfully intersected typical 'JT-style' mineralization in silicified, veined and brecciated dacite tuff over 84.7 meters from 66.3-151.0m.

The JT21-134 intersection of 84.7m at 4.7 g/t Au, 4.6% Zn, 1.6% Pb, 0.3% Cu contains higher-grade gold over much longer widths than immediately surrounding drill holes JT19-083 and JT19-087, and correlates well with down-dip hole JT19-088 which intersected 97.5m at 5.9 g/t Au, 3.9% Zn, 0.5% Cu. Collectively, the 2021 infill drill holes, which include JT21-134 and JT21-125 (56.6m at 18.7 g/t Au, 2.4% Zn, 0.5% Cu) will have a positive impact on the updated resource as both contain significantly higher gold grade than the resource blocks they tested.

The Company also reports drill results from eight (8) holes which were designed to test the along strike and down-plunge extents of the JT Deposit and related Footwall Copper Zone. Assays results from holes JT21-

124, 126 to 130, 132 and 133 represent step-outs 100 to 350 meters along strike to the northeast and down-plunge from the JT Deposit mineral resource. The holes were designed to test the expansion potential of the JT Deposit on approximate 50-meter centres on

100-meter spaced cross-sections (subject to local topography). Drill hole JT21-131, also reported herein, tested a separate target located east of the JT Deposit.

The most encouraging hole, JT21-133, was drilled 200 meters down-plunge from the JT Deposit

mineral resource. The hole intersected multiple discrete zones of mineralization starting at 229.0 meters downhole and continuing to 453.80 meters, all hosted within a dacite lapilli tuff, subsequently altered to massive anhydrite and locally quartz-sericite-pyrite, and cut by base metal-rich silicified and veined zones up to 10 meters in width between 324.20-326.20m, 364.40-374.4m and 444.60-453.80m. The character of the mineralization observed in this hole ranges from an Au-Zn-Pb-rich upper zone, through Zn-Pb dominant zones, to a Cu-Agrich footwall zone. This area remains open at depth and along strike and will be the subject of follow-up drilling in the 2022 field season. The location of holes JT21-130/132/133.

The Au-Cu-Zn-Ag-Pb mineralization associated with the JT Deposit has been defined over total strike length of 600 meters and remains open along strike to the northeast and southwest, and at depth. JT Deposit true thickness ranges from 20 to 50 meters.

Data compilation is underway following the completion of the 2021 Drill Program at Johnson Tract in late October.

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Dated Material – RUSH

Silver Range Acquires Two New Nevada Gold Projects

VANCOUVER - Silver Range Resources Ltd. has acquired two new gold properties in western Nevada. The Tondo del Pueblo (TDP) Property is in Nye County, approximately 17 kilometers north of Gabbs. Gold is found in east-striking shear zones hosting quartz veins cutting Triassic Excelsior Formation metasedimentary rocks. One shear is exposed for at least 400 m along strike. Grab samples collected from quartz veins within the exposed shears returned assays up to 35.4 g/t Au. Four of the 10 samples collected during staking returned assays greater than 5 g/t Au. Arsenic and copper are associ-

ated with the gold mineralization and pervasive scorodite occurs in some exposures. The auriferous veins display bladed quartz after calcite texture. Breccia within the veins contains clasts of metasiltstone with minor carbonate, bornite and chalcopyrite on fracture surfaces. Sampling in the area by the Nevada Bureau of Mines & Geology returned analyses up to 9.5 g/t Au and 500 ppm Ag. Silver Range examined, sampled and staked the TDP Property in October

The Alimony Property is in Nye County, 12 km northeast of Goldfield. Gold is found in silicified tuffs within Miocene



Milltown Andesite with mineralization exposed in several shafts and pits. Grab samples of this material returned up to 4.84 g/t Au with 6 of 24 rock samples collected returning analyses greater than 1 g/t Au. The Milltown Andesite and associated rhyodacite hosted the bulk of the extensive gold resources mined in the Goldfield Mining District. Reconnaissance soil lines across 200 m of the inferred strike of mineralization detected anomalous gold on all

Samples from both Tonto del Pueblo and Alimony were secured and transported under chain of custody to ALS Minerals facilities in Reno, Nevada for sample preparation. Pulps were shipped to North Vancouver for assaying and geochemical analyses. Rock sam-

CURIPAMBA PROJECT Precious Metals Stream Acquisition

VANCOUVER - Wheaton Precious Metals Corp. reported that its wholly-owned subsidiary, Wheaton Precious Metals International Ltd. has entered into a definitive Precious Metal Purchase Agreement (PMPA) with Alliance Metals International, a subsidiary of Adventus Mining Corporation in respect to the Curipamba Project located in Ecuador. Curipamba is forecast to be a high-margin mine in the lowest half of the copper cost curve with a 10-year open-pit mine life and the potential to transition into an underground mine subsequent to the open pit.

"Wheaton has a partnership with Adventus and welcomes the opportunity to support the development of a project the caliber of Curipamba. Forecasted to be a high quality, low-cost mine with significant exploration potential, Curipamba's profile aligns well with Wheaton's accretive growth

We look forward to our continued partnership with Adventus and shared success in Curipamba," said Randy Smallwood, President and Chief Executive Officer.

ples were analyzed by Ultra-Trace Aqua Regia ICP-MS (ME-MS41) and fire assayed for gold (30 g sample) (Au-AA25). Samples returning overlimit silver and base metal values were reanalyzed with techniques appropriate to ore grade concentrations (Cu-OG46 / Pb-OG46 / Ag-OG46).

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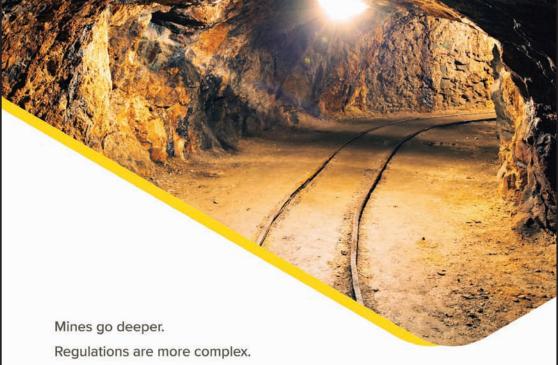
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HEADQUARTERS:

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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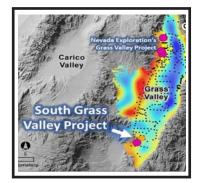
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Ongoing Core Drilling Program At South Grass Valley Project

RENO, NV - Nevada Exploration Inc. (NGE) reported on its ongoing core drilling program at its South Grass Valley Carlintype gold project. Based on the latest information from its late-2021 relogging efforts, NGE has reoriented SGVC013 to better sample the Water Canyon structural corridor and targeted Clm bedrock unit. SGVC013 is currently at a depth of 550 metres and has been surveyed to confirm that it is on track to intersect the targeted features. SGVC013 has not yet entered the Paleozoic "lower plate", suggesting that the bedrock units in SGVC013 have been dropped down relative to SGVC004 to the east, supporting the projection of a regional-scale structural corridor cutting through this area of the Project, which represents a critical component needed to support a large Carlin-type gold district.

President, James Buskard, said, "Similar to SGVC012 at the north end of the Project, our objectives with SGVC013 at the south are to sample the Clm host unit and the Water Canyon structural corridor - the intersection of which defines our primary East Golden Gorge target - in an area where this favourable geologic setting has been squeezed along the margin of the Grass Valley Stock.

"When we paused drilling in June 2021 we surveyed the SGVC013 pre-collar, which told us that it had steepened consid-



erably from its planned orientation. Based on our updated geologic model driven by our late-2021 relogging efforts we believed that this steeper-thanplanned pre-collar would set us up to potentially miss the Water Canyon structural corridor, the sampling of which is one of our primary objectives. Accordingly, when we resumed drilling last month we elected to redrill the SGVC013 pre-collar using a shallower angle and a location 100 metres further to the west, which we believe will significantly improve our chances of intersecting our features of inter-

The latest samples from SGVC013 suggest that the hole has not yet reached the lower plate. When compared to the units seen in SGVC004 located approximately 500 metres to the west, this suggests the presence of a major structurally related offset between the holes, consistent with the location and scale of our projected Water Canyon structural corridor, which we believe represented the primary

control for sourcing mineralized hydrothermal fluids into the district. As SGVC013 continues deeper towards the Water Canyon structural corridor and the Clm host unit, it will begin to approach our primary East Golden Gorge target. As it does so, we will be watching closely for increasing evidence of Carlin-type hydrothermal alteration and enriched Carlin pathfinders."

The company's address is Suite 1400, 885 West Georgia Street, Vancouver, BC V6C 3E8, (604) 601-2006, info@nevadaexploration.com.

Thompson Knolls Project Resumes Diamond Drilling

VANCOUVER - BCM Resources Corporation reported that Diamond Drilling has resumed at the Thompson Knolls (TK) porphyry copper-gold-molybdenum project in southwestern Utah. The new drilling contractor Falcon Drilling, has started drilling TK3a in the proximity of the previously drilled TK3, which reached copper-molybdenum mineralization in the interval between 452 m and 558 m. The mineralization intercepted in this drill hole has a distinctive porphyry style with dominant copper mineralization within the marbleized host rock dolomites and mineralized stockwork hosted by underlying quartz-monzonite

porphyry. The northwestern flank of the TK project has coincident AMT and IP anomaly which will be tested by drillhole TK3a.

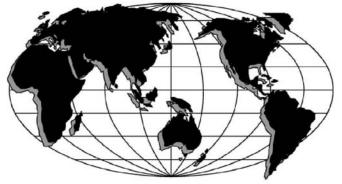
Drilling of hole TK4 in the southern flank of the Thompson Knolls magnetic anomaly was completed. The drillhole went to a depth of 1,421 feet (433 meters) intercepting a quartz-monzonite porphyry intrusion at depth of 633 feet (193 meters). The intrusive rock contains quartz veinlets within intervals of argillic, quartz-sericitic, and potassic alteration. The hydrothermal alteration in the quartz-monzonite porphyry confirms the presence of conductive rocks as previously outlined.





Production/Processing At Bonanza Harquahala Mine

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PHOENIX, AZ - Tombstone Exploration Corporation reported in combination with Goldrock Resources Inc. and the Bonanza Mining Company, that as of the end of January 2022 the processing facility at the Bonanza Harquahala Mine will be operating 24/7.

TMBXF and the Bonanza Mining Corporation have completed six successful pours of gold and silver since starting its Heap Leach Operation in Arizona, July 2021, and work is continuing to build the much bigger operation going into 2022. The crushing contract has been awarded to DV Gravel and Exploration of Eureka, NV. DV Gravel has begun to move their equipment to site. Conveyors and dozer have arrived on site, and the remaining equipment is to be transported this week and ready to start. The site preparation for the crusher and set up to follow. We will start the rock crushing and expect to be putting 25,000 tons monthly of rock on the pad over the next three months and then increasing to 50,000 tons per month. As we put more rock on the pad the production deliveries should increase to bi-monthly. After five to ten days of new rock being put on the pad, we will start having our processing facility running twenty-four hours per day, seven days a week.

The piping upgrade is continuing for solution movement to accommodate a higher flow rate. The piping from the pregnant pond to the carbon columns have been upgraded to 4" from 3" tubes, which will handle higher flow rate which increases the production of processed minerals. All the necessary parts needed for increase in number of pads have been ordered, such as pipe, wobblers and connectors. The operators are being hired on a timely basis, and being trained and teaching the culture of safe operation.

The Company is following all protocols with "Culture and Safety" and "Protecting the Environment." Fencing has been erected around the HL Pad to keep the animals out of the area and sound cannons have been set up to keep the birds away from the ponds.

Alan Brown, President & CEO, said, "We are pleased with the project as we enter 2022 and

completing the test phase over the last 6 months at the Bonanza Mine. As we enter 2022, I would also like to commend Kiedoch Kim, our new Process Facility Manager, in hitting the ground running on December 1, 2021 as he follows all safety and environmental protocols, and he has upgraded the facility changes needed to turn the project into a 24/7 operation."

The Bonanza Mine property includes the Harquahala and Golden Eagle mines, located approximately eight miles south of Salome, Arizona. The project totals 2,656 acres and has significant potential for gold and silver production in multiple phases moving forward. The Bonanza Mine is located where the Prolific Walker Lane & the Sonoran Geosyncline overlap, with likely extensions of Carlin Trend and Mesquite-style mineralization, generating Arizona's biggest, richest gold deposits.

Deepest Drill Hole To Date At Ono West

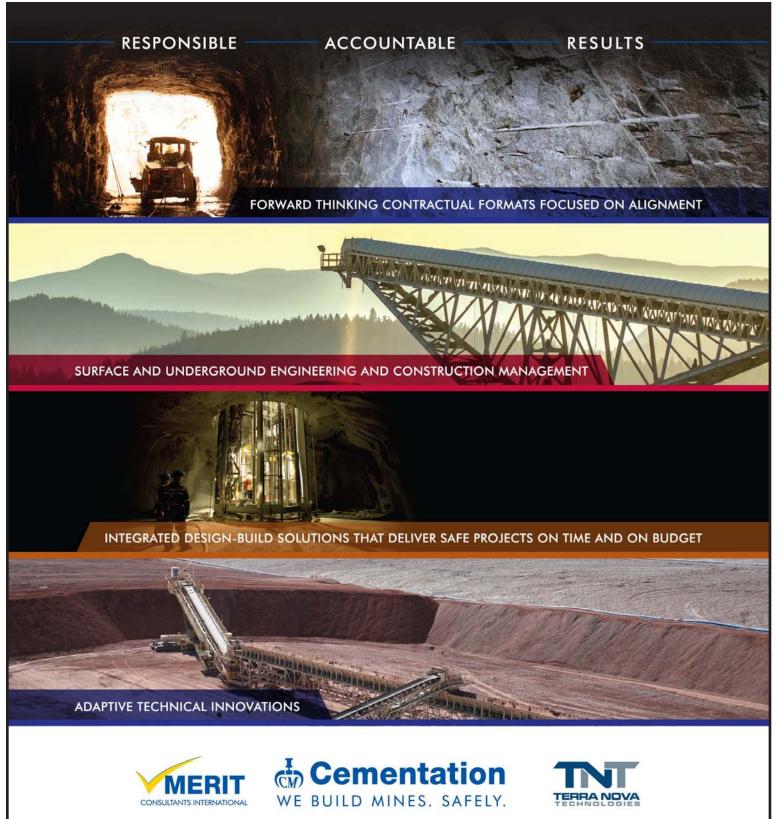
LONGUEUIL - Reunion Gold Corporation reported significant new gold intersections from its ongoing phase 3 drill program at its Oko West project in Guyana. Hole D21-053, which represents the deepest mineralized intersection to date, returned gold mineralization of 2.69 g/t over 59.0 m to a vertical depth of approximately 222 m below surface in unweathered rock. Hole D21-054, the third deepest hole drilled to date, also extended the deposit to depth in unweathered rock, returning 2.98 g/t over 64.50 m to a vertical depth of approximately 194 m.

These recent drill holes demonstrate that gold mineralization continues strongly at depth into unweathered rocks. Lateral continuity of mineralization in the northern 2.5 km of the deposit continues to be confirmed. The Oko West deposit remains open along strike and to depth. The southern 3.5 km of the 6 km long geochemical gold anomaly remains open and largely untested.

The reported results are part of the ongoing 9,000-meter phase 3 drill program at Oko West, followed by a planned 15,000-meter phase 4 program. The ongoing program aims at continuing to expand the resource laterally and along strike between existing fences of drilling and, importantly, to continue to expand the deposit to depth into the unweathered rocks.

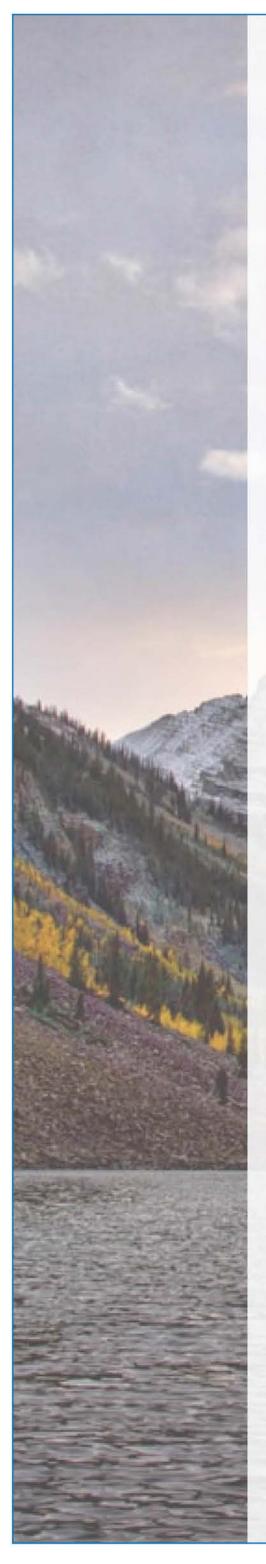
Continued From Page 1 Johnson Tract Project

Total meterage for the Program was 16,198 meters in 44 completed drill holes. Assays results will be released on an ongoing basis pending review and meeting Company quality assurance-quality control protocols. A total of 19 drill holes have been released to date. An updated mineral resource estimate is planned for the JT Deposit in Q1-2022, following the completion and receipt of all assays from the 2021 drill program. The new mineral resource estimate will incorporate 30,000 meters of new drilling completed in 2020 and 2021 since the last estimate.



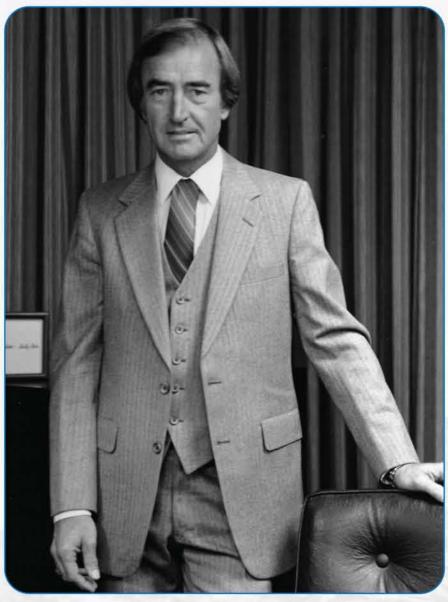
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Don E. Howell

April 6, 1939 - April 27, 2021



Don E. Howell, Chairman and Chief Executive Officer

In the early 1970's Don E. Howell purchased The Mining Record, a struggling publication which had once been a prominent daily newspaper of Denver. Using original publishing equipment, Don worked tirelessly to turn the business around, creating the Howell Publishing Company in the process. His newly formed company designed publications and marketing materials for some of the areas most recognized companies, growing to become one of Denver's leading publishing groups.

Don continued to publish The Mining Record weekly and during the ensuing years, built the newspaper into an industry frontrunner for mining news and advertising. The company grew from a one-man operation to employing industry professionals and recent mining school graduates, launching the careers of many who are now executives in the industry.

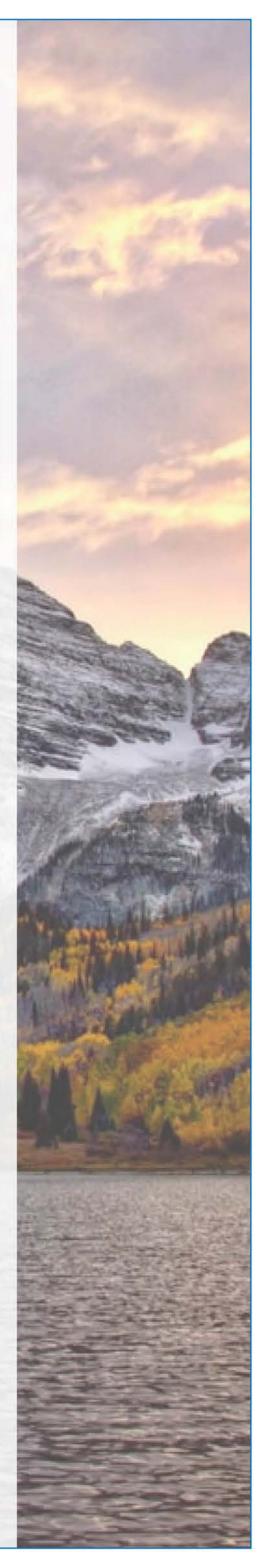
Expanding on his success, Don created publications for mining associations and began promoting mining trade shows and conferences in The Mining Record. His positive impact and influence, led to expanded attendance, increased exhibitor participation, and greater industry recognition. As a key player and straight shooter in a 'tight knit' industry, Don was able to further develop the business, forging friendships through the years that lasted a lifetime.

As a result, Don Howell became synonymous with The Mining Record.

Don was honored numerous times throughout the years for his impact and dedication, receiving multiple industry awards and in 2009, presented the Lifetime Achievement Award by his mining peers.

However, if you asked about his greatest accomplishment, he would answer - "Family. My family is my biggest accomplishment and the fact that they are proud of me, is all that matters".

We Honor the Love, Dedication, and Leadership of a "Larger Than Life" husband, father, grandfather, and friend.

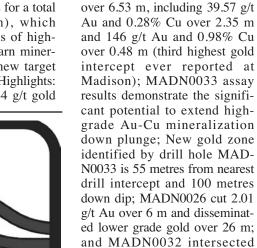


Madison Copper-Gold Project Programs In Montana

("Au") and 0.11% copper ("Cu")

VANCOUVER - American Pacific Mining Corp reported drill results from its 2021 drilling programs conducted by Kennecott Exploration Company, a division of the Rio Tinto Group, on the Madison Copper-Gold Project, in Montana. The

Kennecott drilling program consisted of 10 core holes for a total of 3,598 metres (m), which focused on extensions of high-grade gold-copper skarn mineralization as well as new target concepts at Madison. Highlights: MADN0033 cut 14.44 g/t gold



of mineralization at Madison.
President, Eric Saderholm,
said, "The gold assays reported
in MADN0033 represent the
highest-grade gold intercepts
reported to-date for American

1.64 g/t Au over 9 m within

limestone breccia beyond the

skarn, highlighting the potential

for additional gold-bearing styles

Pacific across our portfolio since the inception of the Company, and the third highest ever reported at Madison. The potential down plunge from MADN0033 is evident and the intersection of numerous styles of gold and copper mineralization across multiple rock units and lithologies is also quite encouraging. This speaks to the unique and powerful systems at Madison. We look forward to collaborating with our partner in the coming weeks to complete further modelling, analysis and define future exploration plans."

The 2021 program was the third successful drilling campaign at the Madison Project. Drill hole MADN0033 was the highlight and will be the vector for additional drilling in the currently known mineralized area in 2022.

Ten holes were drilled and nine of them encountered mineralization anomalies in a broad

array of different rock lithologies. The Madison deposit contains numerous different styles of gold and copper mineralization, all of which can carry substantial metal values. This is an important point to emphasize. Every drill hole is an essential part of making deposits like Madison become mines. Drill hole MADN0032 is very interesting to the geologists at American Pacific Mining due to the strongly anomalous gold values that were encountered in a limestone rock package that has previously not been known to host mineralization.

Hole MADN0033 also shows highly anomalous gold mineralization in iron-rich skarn, and warrants exploration drilling follow-up. Every drill hole from 2019 to 2021 has helped further define the currently known mineralization and provided ample exploration vectors for additional targets, laterally and down-dip.



VANCOUVER - Trilogy Metals Inc. reported that Ambler Metals LLC, the joint venture operating company equally owned by Trilogy and a whollyowned subsidiary of South32 Limited, has approved the 2022 program and budget for the advancement of the Upper Kobuk Mineral Projects (UKMP) located in Northwestern Alaska.

A two-day technical review of the 2021 exploration program, involving geologists from Trilogy, South32 and Ambler Metals, was held in Fairbanks, Alaska on December 8 and 9, 2021.

Ambler Metals presented technical results received to date and a preliminary outline of the 2022 exploration program. A full technical review of the 2021 exploration results and ranking of drill targets and target areas for the 2022 field season will be held in early 2022 once all assay results have been received, compiled, and interpreted.

The 2022 budget for Ambler Metals, approved by the owners, Trilogy and South32, will cover up to 10,000 meters of helicopter-supported diamond drilling that is expected to commence in early June. The meterage will be divided between resource development drilling at Arctic and scout drilling of both Volcanogenic Massive Sulphide ("VMS") targets in the Ambler Belt, with a focus on targets near Arctic, and Carbonate-Hosted Copper targets around Bornite and the Cosmos Hills. A greater effort on the ground to identify and evaluate new targets for drilling, including the use of ground and down-hole electromagnetic (EM) surveys, is planned.

An independent consulting company has completed a preparedness review of the draft permitting package for the Arctic Project and presented the results of this review to the technical teams of South32 and Trilogy. The review concluded that the Ambler Metals permitting strategy is sound and the permitting package can proceed with minor changes.

Ambler Metals is now making the recommended changes to the permitting package and

expects to file the permitting application, which will start the formal permitting process for the Arctic Project, with the United States Army Corps. of Engineers (USACE) in early 2022.

Given that the Arctic Project is located on state and private land, the key federal permit will be the 404 Dredge or Fill Permit that is issued by the USACE, the lead agency during the federal permitting process. The permitting process will be carried out in accordance with the National Environmental Policy Act.

In parallel with the federal permitting process, the State of Alaska, specifically the Alaska Department of Environmental Conservation, Alaska Department of Natural Resources and Alaska Department of Fish and Game, will be the state agencies responsible for issuing the state permits which include the Mine Operat-ing Permit, the Air Quality Permit, the Dam Construction and Operating Permits, and the Water Discharge Permit.

There will also be other permits issued by Northwest Arctic Borough. The Company expects to file the permit application during the first quarter of 2022, and for the overall permitting process to take 24 to 30 months to be completed.

More details on the proposed 2022 program and Arctic permitting timeline will be made public in early 2022.

Tony Giardini, President and CEO, said, "We are pleased that we are continuing to make progress on de-risking the Arctic Project and that we are now very close to commencing the formal permitting activities. Senior management at Trilogy Metals is working very closely with representatives from South32 and Ambler Metals in devising a 2022 program that will greatly assist in moving the Arctic Project forward and to continue to add value through the drill bit. We believe that 2022 will be another significant year for the Company.



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Ramping Up With Two Rigs Currently Turning On Site

VANCOUVER - Maple Gold Mines Ltd. reported the resumption of drilling at the Douay Gold Project in Quebec, Canada. Douay is held by a 50/50 joint venture (JV) with Agnico Eagle Mines Limited. Drill crews are currently completing holes DO-21-314 and DO-21-319 at the Nika and 531 Zones, respectively. One of the

two available drill rigs will then be mobilized to commence a planned 4,000-5,000 metre (m) Phase I drilling program at the Company's 100%-controlled Eagle Mine Property.

Matthew Hornor, President and CEO, said, "This is an exciting time as we ramp up our 2022 drilling program with two rigs currently turning at site while we await assay results from the multiple batches of samples from Fall 2021 drilling at Douay. After thoroughly compiling and studying our 3D model at Eagle, we look forward to drill testing new target concepts and completing the first diamond drilling since 2015 along this past-producing, highgrade gold trend."

Phase I drilling at Eagle is designed to extend mineralization beyond the mined-out stopes and along sub-parallel target trends that were never mined nor adequately tested, focusing initially on areas with significant grade and volume potential. The locations of proposed Phase I drill holes were determined using the Company's recently completed 3D geological and structural model along the entire past-producing, highgrade Eagle-Telbel mine trend.

This first phase of drilling will primarily target a proposed satellite mineralization trend or "shoot" to the northwest of the previously mined-out portion of the Eagle Main Shoot. Given the historical production from the Eagle Main Shoot, drilling success in this area would help validate the potential for near-mine extensions and generate new target concepts. Two subsequent phases of drilling at Eagle, which will test potential miner-

alization extensions at depth as well as new targets identified by a regional airborne geophysical survey that is currently underway, are planned for 2022 along with success-based follow-up drilling.

A key target area that will be tested during Phase I is highlighted by two historical intercepts that returned 10.2 g/t Au over 10.2 m (hole AE-90-30) and 9.3 g/t Au over 5.2 m (hole 7-29). Phase I drill holes in this area will begin testing a 400 m wide target concept that has little to no historical drilling and therefore represents significant grade and volume potential.

Mineralization extensions to the northwest of the mined-out stopes will also be tested at shallower depths in an area that historically had limited drill density but returned notable intercepts closer to surface, including 2.6 g/t Au over 22.9 m in hole AE-90-7 and 2.8 g/t Au over 17.5 m in hole AE-90-5.

Ongoing Resource Conversion/ Drill Program At Mountain View

TORONTO - Millennial Precious Metals Corp. reported on the ongoing resource conversion and exploration drill program currently being conducted at its Mountain View project located in Nevada, as a part of the fully funded 20,000m maiden drill program. In 2021, the Company drilled 21 holes at Mountain View totaling 5,256m. The 2022 drill program at Mountain View consists of 2,700m with the objective of confirming RC grades, validating grade continuity, and extending the mineralization laterally to increase the pit size. Millennial expects to continue to release drill results from the program monthly. Drillhole MVCD-0016A returned an intercept of 0.91 g/t oxide Au over 232.5m including a highgrade intercept of 10.88 g/t Au over 11.3m and 2.18 g/t Au over

The high-grade intercept is likely further evidence of the plumbing system which controls the lower-grade, bulk oxide portion of the deposit hosted by flow-banded rhyolite. The high-grade zone is characterized by a hydrothermal breccia with quartz, pyrite and marcasite within the matrix. Grade observed in MVCD-0016A is significantly higher than expected from the block model.

The high-grade hydrothermal breccia was not reported in the historical RC drilling. Actual geometry of the high-grade hydrothermal breccia (>1.0 g/t Au) is approximately 60m x 180m x 140m. MVCD-0016A stepped out 20m from the previous high-grade breccia zone. The zone remains open at depth, to the north west and south east. The existing block model at Mountain View is based on historical results, drilled primarily with RC (reverse circulation) rigs. Millennial's program is being completed principally with DDH (diamond drill hole)

MVCD-0016A was designed to convert the high-grade resources at the bottom of the current pit shell from Inferred to Indicated in support of an updated mineral resource in 2022.

Consistent with previous observations, mineralized rhyolite is situated directly below the alluvium, which is composed of sand, gravels and boulders. As a result, it is expected that prestripping for open-pit mining will not require conventional drilling and blasting, potentially reducing mining costs. Gold mineralization at Mountain View is hosted by flow-banded rhyolite with strong oxidation persisting throughout most of

the hole. Minor, post-mineral faulting has broken the host rock which is expected to have a positive impact on gold leaching and reduce processing costs.

Jason Kosec, President, CEO & Director, said, "We are extremely pleased with the outcome of drillhole MVCD-0016A. With ~230m at an aver-

age grade of ~0.9 g/t Au oxide, this hole confirms the excellent ore grade continuity at Mountain View. In addition, the high-grade portion of the hole provides further evidence of the potential bonanza grade feeder zone which could significantly augment project economics at Mountain View."



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New Drilling Program Begins At The Gold Basin Project

VANCOUVER - Gold Basin Resources Corporation reported that a ~10,000m drilling program has started at the Gold Basin oxide gold project in north-western Arizona. Drilling will target the Cyclopic, Stealth and PLM Deposits, following up on the shallow, continuous, gold-bearing mineralisation identified in the first 10,000m program in 2021 and historical drilling that showed significant potential at the Stealth and PLM deposits.

Michael Povey, CEO, said,

"We are excited by the potential of the new drill program, especially with the inclusion of the Stealth and PLM deposits. The 2021 exploration program provided a better understanding of the mineralisation at Cyclopic, which in turn showed us how that correlated with what we can see in the historic drilling results at these nearby deposits. Consequently, we are of the opinion that Stealth and PLM have excellent potential to add significant mineralisation to what is being identified at

Cyclopi

We have also been active with detailed geophysical surveys at the Gold Basin Project. High-resolution magnetic and hyperspectral surveys have been completed and we have just commenced the final piece of the geophysical "jig-saw", an IP Survey which will be released later.

This information has already generated additional targets and a better picture of the Gold Basin Project geology.

Lastly, metallurgical heap-

leach testwork continues. We just received the results of the initial bottle roll tests on drill composites and will report on the result soon. KCA have started work on the PQ core supplied to their laboratories before Christmas. We move into 2022 with a solid foundation of exploration work and look forward to an exciting year."

The 2020/21 reverse-circula-

tion drill program at the Cyclopic deposit identified oxide gold mineralisation from surface to an average drillhole depth of 90m, along approximately 1.7km of strike length. The current drill program aims to expand the Cyclopic mineralisation and assess several of the known nearby historic gold zones for the first time in decades.

Golden Corridor Gold Bearing System Extended

VANCOUVER - Prosper Gold Corp. has now intersected gold mineralization along 2.8 kilometres of the Golden Corridor trend at the Golden Sidewalk Project Red Lake, Ontario. Completed reconnaissance drilling totaling 21,103 metres in 66 diamond drill holes over 4.8 kilometres of the Golden Corridor.

The hydrothermal system drilled to date is approximately 2.8 kilometres long and remains open to the east. Mineralization and alteration assemblages are relatively consistent along the mineralized trend. Pyrite ± arsenopyrite ± visible gold occurs in quartz-ankerite ± biotite veins and within silica-ankerite ± biotite altered wallrock.

The Company has planned a series of deeper drill holes in the western portion of the system as vein thicknesses and hydrothermal alteration intensities are increasing at depth. Drill holes designed to test approximately 300 metres down-dip of the min-

eralized intercepts encountered in shallow drilling to date within the footwall (southern) fault zone at the western structural corridor. Observations in drill core to date have shown that higher temperature alteration, predominantly a silica-biotite assemblage, enveloping larger veins and vein arrays persists in deeper intersections.

Additional drilling is planned for the eastern portion of the system where several gold intercepts were encountered in recent drilling which will be followed up on.

Drilling in late 2021 in the eastern portion of the system at the Golden Corridor was successful in intersecting gold mineralized quartz-ankerite-pyrite veins and wallrock alteration. Drill holes DD21GC050 through DD21GC053 each intersected several intervals of gold mineralization below the footwall fault that coincides with the ultramafic-mafic volcanic contact.





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Silver Mineralization Below The San Marcial Resource

VANCOUVER - GR Silver Mining Ltd. reported high-grade silver (Ag) results from diamond core drilling from the recently expanded underground tunnel in the San Marcial Area, at the Plomosas Project, Sinaloa, Mexico. These assay results are from the initial three holes of an eight-hole program and confirm extensions of high-grade Ag mineralization along strike, as well as up to 170 m down dip, below the San Marcial NI 43-101 mineral resource. The successful results extend the mineralization from the initial 250 m to approximately 420 m down dip from surface. These results also suggest that the compilation of modern and histor-

ical data, combined with advanced geological modelling, has been successful in targeting higher grade mineralization on the project.

The Company has successfully completed the first ever underground drill program at San Marcial, confirming extensions of the high-grade Ag mineralization at attractive widths and grades to support future resource expansion.

All eight holes in the resource expansion program have now been successfully completed with assays pending for five holes. First phase of San Marcial resource expansion drilling successfully completed, defining not only continuity of high-grade Ag mineralization but also delineating new, wide hydrothermal breccias carrying Au mineralization on the footwall of the San Marcial Agrich hydrothermal breccia. Ag results from the San Marcial Breccia include: 881 g/t Ag over 2.0 m from 118.0 m downhole (SMI21-01); 773 g/t Ag over 18.5 m from 179.4 m downhole (SMI21-03), including 1,792 g/t Ag over 5.6 m from 184.5 m downhole, and 516 g/t Ag over 7.9 m from 190.0 m downhole.

Initial resource expansion drilling consists of 8 holes for 2,436 m drilled from recently completed underground development in the current resource area. Discovery of disseminated Au

mineralization on the footwall of the San Marcial Ag-rich Breccia hosted in multiple hydrothermal breccias delineating new target for future drilling aiming to define wide Au only mineralized system, 0.19 g/t Au over 77.5 m from 138.3 m downhole (SMI21-01).

Full integration of the recently completed ground geophysical survey (IP-MAG), covering the trend from San Marcial to San Juan, combined with new geological discoveries, has proven essential for definition of the exploration program for 2022, including surface and underground drilling in new target areas. Definition of a multi-event mineralized hydrothermal system with multiple styles of hydrothermal breccia indicating a large geological setting to support resource expansion and additional discoveries in the vicinities of the current NI 43-101.

President and CEO, Marcio Fonseca, said, "The first drill results from our resource expansion program at San Marcial have proven the consistency and continuity of the Ag-rich San Marcial Breccia mineralization, along strike and down dip. Based on such encouraging initial assay results we are anticipating continued positive results for the remainder of the drill core currently at the laboratory. The introduction of a modern exploration approach by the GR Silver Team is delineating an extensive hydrothermal system with presence of high-grade silver mineralization, proving continuity of the San Marcial Breccia down dip to support resource expansion. It is also delineating wide Au mineralized zones, which will be the subject of additional drilling in 2022. I congratulate the GR Silver Team for its exploration achievement at San Marcial by discovering the down dip extension of the San Marcial Breccia."

The first phase resource expansion drill program included 2,436 m with eight diamond drill holes completed from one platform at the end of the 280 m of underground development at the San Marcial tunnel. This underground drill station makes it costeffective to drill additional extensions of the San Marcial Breccia down dip and down plunge. Oriented drill core was logged in detail, given the large hydrothermal system encountered in most of the eight holes drilled in this program. Assay results for the initial three drill holes have been received, and results for the remaining five drill holes are pending.



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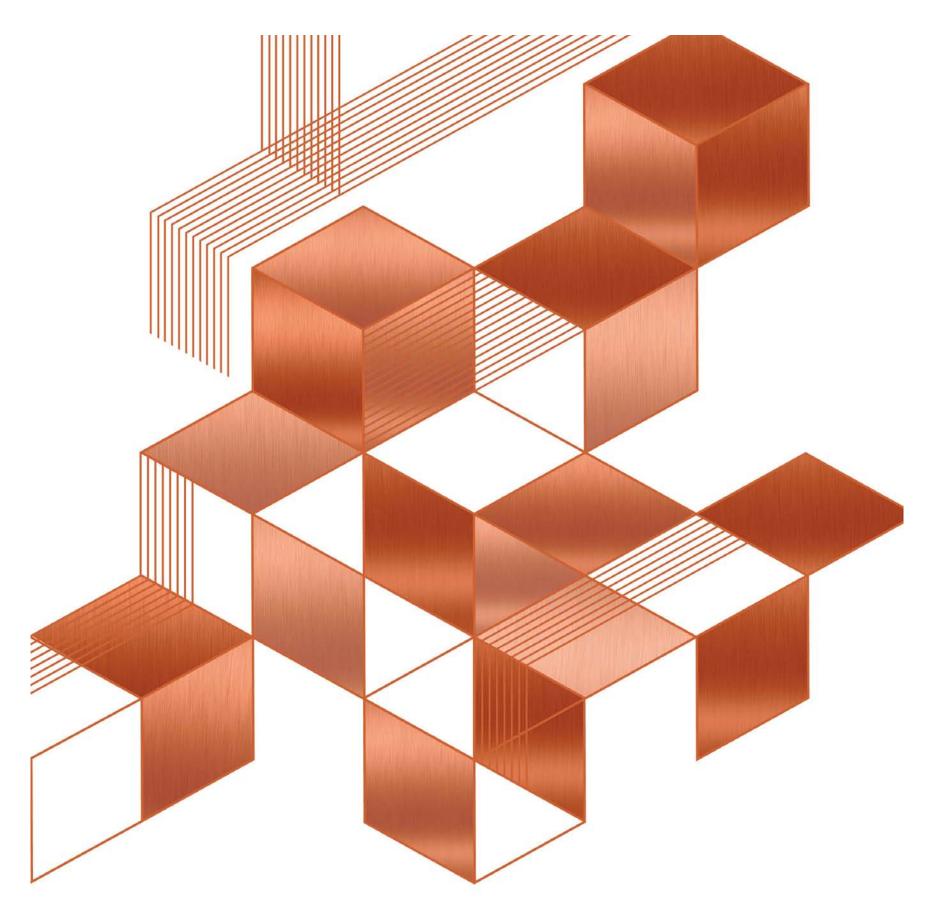
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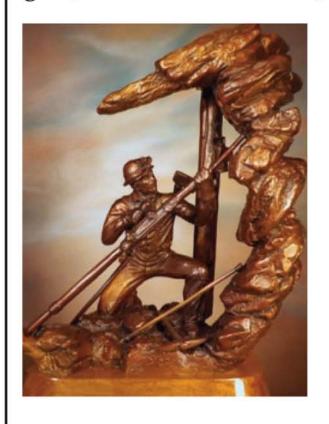
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Drill Plan Of Operation At The Herbert Gold Project

VANCOUVER - Grande Portage Resources Ltd.has filed its 2022 Plan of Operation for mineral exploration at its Herbert Gold project near Juneau, Alaska. Subject to regulatory approval, the proposed work schedule for 2022 consists of up to 10,000 meters diamond drilling with additional detailed mapping and trench sampling to expand previous exploration. The program will consist of up to two diamond drill rigs utilizing three pads to drill approximately 13 holes.

These holes are planned to test the main mineralized structures at depths to 750 m (plus), while at the same time, penetrating additional structures at shallower levels. Exploration drilling on the Herbert Gold project has progressed to the point where the shallower to mid-depth portions of the major veins between the western and eastern boundary contact faults have been successfully tested over the kilometer strike length. The vein structures and mineralization show no signs of diminishing with depth, therefore it is recommended that further exploration drilling be extended to the deeper regions of the veins which requires a more powerful drill capable of drilling 3000-4000 feet deep. Drilling this deep requires that the drill pads be located further

New Mineralization **Drilling At Silver Cliff**

VANCOUVER - Viscount Mining Corp. reported step out drill results which further increases our understanding of the Kate Silver Resource (KSR) and expands the size of the KSR in multiple directions at Silver Cliff Colorado. The focus of Viscount Mining's third phase of drilling was to test the outer boundaries of the Kate Silver Resource (KSR) as defined in Dr. Gilles Arseneau's NI43-101 in 2018. Five of these nine drill holes lie to the northeast of the previous KSR and should significantly expand the silver resource in this direction. Specifically, drill hole 21-16, which lies approximately 120 meters outside of the previous mineralized body definition, revealed 88.8 g/t silver over 16.2 meters including 8.5 meters testing at 162.1 G/T silver.

In all, these five step out drill holes in the northeast Kate cover a surface area of over 12.500 square meters and successfully expand the footprint of mineralization outside of the KSR. All holes contain sections testing above the current cut-off grade (~20 G/T). In addition to northeast expansion, the drilling also revealed slight expansion to the south. Drill holes 21-11 and 21-12 both contain sections testing over 124 G/T and are positioned up to 25 meters outside of the KSR boundary.

Using historic drilling data and recent soil sample results, drill hole locations were selected outside of the KSR boundary, primarily to the northeast and south. Viscount is pleased to announce that the third phase step out drill holes exhibited results above cut-off grades. As shown in the map below, this now accounts for nine drill holes drilled outside of the KSR.

north and eastward because the major veins dip steeply northward and the boundary contact faults both dip to the northeast. In addition, this allows for comprehensive coverage of the veins at depth from two or three pads with fan drilling and also means that expensive drill moves are reduced to a minimum.

Besides drilling the deeper

portions of the Goat, Main, and Deep Trench veins, one of the Company's planned drill sites will test the eastern extension of the Deep Trench, the Floyd and the Elusive Structure, which remains virtually unexplored to

The purpose of this drilling is to demonstrate that the veins are well mineralized to depths extending 2 to 3 times deeper

where the resources have been established, and continue to test eastward extensions of the known veins, along with test a poorly exposed section of the property to the north of all known mineralization.

The Herbert Gold Property is host to abundant composite vein-fault structures containing ribbon structure quartz-sulfide veins and lies prominently within the 100 mile long Juneau gold belt, which has produced millions of ounces of gold through a total depth range of thousands of feet.

Additional assay results from the 2021 drill program are expected imminently. Assay processing from the lab has been especially slow this year due to Covid-19 related protocols.



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Waterloo Project Gold Identified In Continuous Near Surface Horizon

VANCOUVER - Apollo Silver Corp. reported an update on its ongoing technical review of historic data at the Waterloo and Langtry projects in San Bernardino County, California. Recently this work has identified a 25 metre (m) thick, gold bearing horizon below silver mineralization. Silver mineralization transitions to gold-dominated mineralization at the variably faulted lithologic contact between Barstow formation sedimentary rocks and Pickhandle formation volcaniclastics. Gold mineralization at the district's only historic gold producer, the Burcham Mine, occurs along this contact 250 m to the southeast. Apollo's analysis of historic data has shown that not only does gold mineralization extend beyond the Burcham mine area, evidence suggests that at the Waterloo project the entire 2.2 kilometre (km) long contact between the Barstow sediments and Pickhandle volcaniclastics is prospective for gold mineralization.

"Our systematic approach to reviewing and validating the historic data is continuing to deliver significant value" CEO, Tom Peregoodoff, said. "We were



however it is only recently and through this detailed review that we have come to understand the nature and extent of the host unit, and the potential for a significant gold discovery at Waterloo. This presents an exciting opportunity in that it substantially adds to the exploration potential of the properties and testing of this prospective horizon will form part of our upcoming 2022 drill program. With our pending maiden silver resource declaration for Waterloo and Langtry on track, 2022 is shaping up to be a very excit-

ing year for Apollo."

duction at the Burcham mine,

New Mapping Program At Central Mine Area Of Pamlico

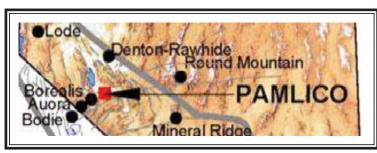
VANCOUVER - Newrange Gold Corp. reported that a new mapping and sampling program in the historic Central Mine area of its Pamlico Project in Nevada has indicated widespread gold mineralization with values up to 47.34 g/t. In keeping with the renewed focus on the larger scale geological setting, and as there is little historical information from the mine itself, a preliminary program of mapping mineralized structures and sampling dump material from the numerous adits was undertaken to determine what had been mined in the past.

Gold mineralization seems to have been confined to a volcano-sedimentary (VS) unit on the west side of a limestone ridge. A total of 67 grab samples were taken of quartz breccia material (most with iron oxides) in the old mine dumps extending over an area of approximately 700 metres north-south by up to 350 metres east-west. Of these samples, 55 (78%) returned gold values greater than 0.1 g/t, 29 samples (43%) were greater than 1.0 g/t and 13 (19%) assayed more than 5.0 g/t Au. The average grade of all 67 samples was 4.33 g/t gold.

"These results are very encouraging in that they give us a better understanding of the

style of mineralization in the Central Mine area," said, Robert Archer, President & CEO. "As the area had not been previously mapped in detail, the new information will be important for our follow up drilling. The '91' Zone discovered by Newrange in late 2020 lies just on the eastern edge of here at a vertical depth of approximately 100 metres. Although we do not have any reliable production fig-

structures at the Central Mine are sub-parallel with a general north-south strike and dip between 15 and 85 degrees to the east and are offset by eastwest faults. The structures contain quartz veins (including banded quartz), silicified vein and fault breccia, and variable amounts of iron-oxides. Veins are between 4 centimetres and 2 metres wide. Limonite, pseudomorphs of pyrite by goethite and



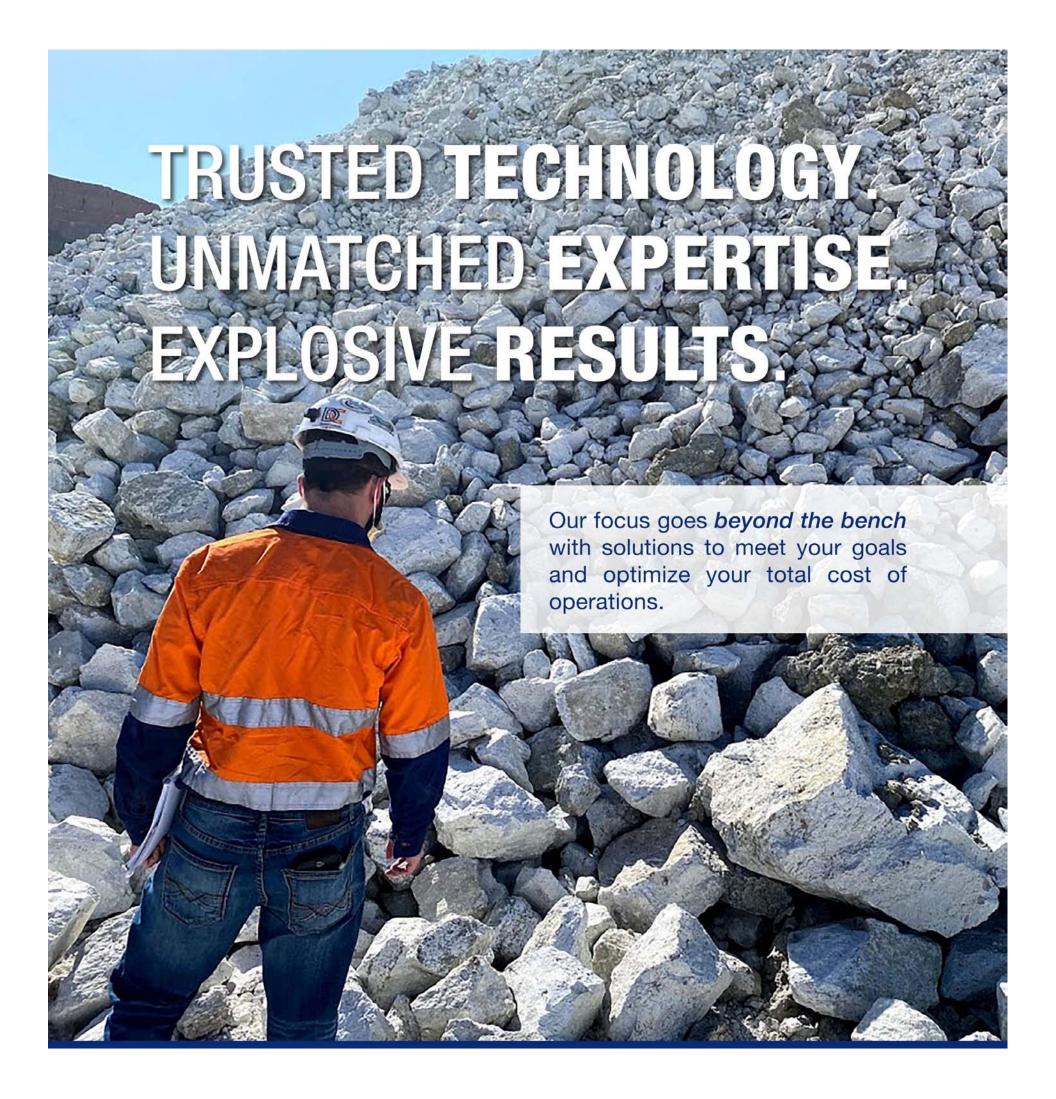
ures from the mine, the lateral extent and tenor of the polymetallic mineralization in the old dumps coupled with that in the '91' Zone suggests that a significant mineralizing system is present here. The Charge-ability anomaly named the 'Line 5' anomaly lies just to the east, under the limestone ridge. It is still considered likely that this anomaly reflects sulphide mineralization within the VS unit below the limestone."

The gold-bearing mineralized

boxwork textures all indicate that sulphides were present in the quartz veins prior to oxidation. Copper minerals were noted locally.

In addition, recently recognized skarn alteration and extensive silicification exists in the limestones to the immediate southwest of the Central Mine area, which fits with the working hypothesis that mineralization on the Pamlico Project is related to a large intrusive system.





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