Don E. Howell, Chairman and Chief Executive Officer

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

THE INDUSTRY'S LEADING NEWSPAPER SINCE 1889

THE VOICE OF THE MINING INDUSTRY



BARRICK GOLD CORPORATION Global Exploration Delivers Substantial Reserve Gains

TORONTO – Barrick Gold Corporation reported that it had completed or progressed major capital projects in the second quarter of the year while its globally broadened exploration programs delivered substantial reserve gains and stepped up the search for new world-class discoveries.

The new Phase 6 heap leach facility at Veladero has been commissioned on time while the third shaft at Turquoise Ridge in Nevada has been sunk to its final depth. Also in Nevada, the updated Goldrush feasibility study has confirmed that this is a worldclass asset which meets Barrick's investment criteria. In the Dominican Republic, Pueblo Viejo and its stakeholders have agreed on a government-led independent, strategic environmental assessment of Pueblo Viejo's Mine Life Extension Project, part of a \$1.3 billion expansion project which is expected to allow Barrick to convert approximately 9 million ounces of measured and indicated resources to proven and probable reserves, extending this Tier One mine's life to 2040 and beyond. In Mali, Africa, the Loulo-Gounkoto complex's third underground mine has delivered its first ore

The success of the ongoing brownfields exploration indicates that the North America and Africa & Middle East regions will both more than replace reserves after mining depletion this year. Greenfields programs are target-



Key growth projects advance and exploration expands as Barrick stays on guidance target. Barrick has gold and copper mining operations and projects in 13 countries. Photo courtesy of Barrick Gold Corporation

ing new discoveries across the Barrick portfolio, which has been extended to include Egypt, Guyana, Japan, Senegal and Tanzania. Production for the second quarter

of 2021 was impacted by mill difficulties at Carlin, Nevada, but Barrick remains on course to achieve guidance for the year.

Total initial capital is expected

to be slightly lower versus the previous study's estimate of around \$1 billion at Goldrush in Nevada. The feasibility study is expected to support the conversion of reserves in the new year and reflects the Plan of Operations submitted as part of the permitting process, and for which the US Bureau of Land Management's Notice of Intent is expected to be published imminently in the federal register. The Record of Decision is now expected in Q4 2022. "There remains an enormous potential for future improvement in the project economics from those resources not considered in the feasibility study and of course there is Fourmile that lies contiguous to the Goldrush orebody. To put it plainly, the updated study underscores our belief that this is a world-class asset which more than meets our investment criteria," Bristow said. Pueblo Viejo, in Dominican Republic, and its stakeholders have agreed on a government-led, strategic environmental assessment of the Mine Life Extension Project, which forms part of a project that could extend the life of this Tier One mine to beyond 2040 and support annual production in excess of 800,000 ounces. Continued on Page 33

News

IP survey initiated at Sandy Gold Project	Exploration drilling update for Golden Zone Project						
Secret Pass commencement of property wide soil sampling program4	Additional drill program results reported from Lapon Gold Project20						
Scarlet phase two drill program at Isabella Pearl mine	New targets at the Glitra and Sat prospects22						
The Tasiast 24k and La Coipa on track for completion	D-4 discovery on Rangefront target at the Black Pine Oxide Gold deposit25						
Jerritt Canyon operational improvements have been achieved10	FCX's operating plans remain on target with 929M pounds of copper sales26						
High-grade gold in open pit drilling at the Granite Creek Property13	Mt Todd second phase exploration drilling30						
	Newmont continues reinvestment in projects34						
Field work and ground magnetic survey at Goldrun project14	Intersections from ten additional drill holes at Florida Mountain37						
Hecla's American mines produce 40% of all silver in United States16	Commencement of phase three drilling at the Silver Cliff property						

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



Salt Lake City, Utah Office: 801.446.2400 Cell: 801.310.1628 steve@tonatec.com

www.tonatec.com

PROFESSIONAL & EXPERIENCED CREWS





IP Survey Initiated At Sandy Gold Project In Nevada

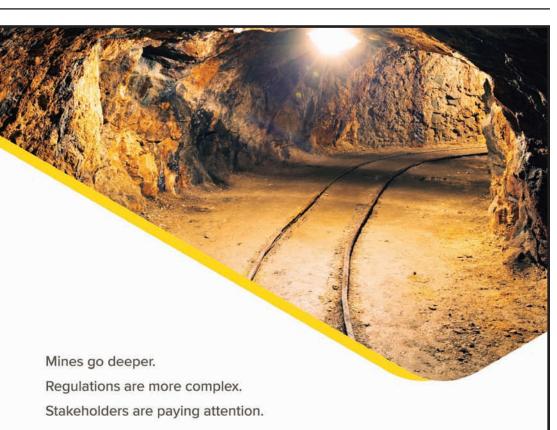
VANCOUVER - NV Gold Corporation has initiated its planned IP Survey at the Sandy Gold Project, located within the Walker Lane, Lyon County, Nevada. Combined with the Leapfrog modelling and detailed mapping earlier in the 3rd Quarter, the outcome of the IP Survey will be used for better target definition to guide a 2nd Phase drilling program projected for the 1st Quarter of 2022 or earlier depending on equipment availability.

Hydrothermal alteration at Sandy is predominantly clay to silica-clay alteration (of the tuffaceous rocks) in the Southwest Zone, mostly seen as float around epithermal quartz vein pieces, while stronger (massive and "nearmassive") silicification forms ridgelines and broader structural zones in the upper Northeast Zone. Very white clay, possibly illite, is interpreted in the strongest silicaclay altered zones, both in the Southwest and Northeast Zones. The alteration is consistent with low sulfidation vein alteration and looks to be clay alteration developed on the

margins or above epithermal veins. Based on the size, elevation range, zonation (silica above, clay below) and apparent geometry of the alteration, the Northeast Zone could be an altered cap overlying a preserved epithermal vein system.

The upcoming IP survey should be especially useful to interpret the 3D geometry of the alteration at the Northeast zone. Even if high resistivity is relatively shallow (shallow silicification) and any subsurface veins are too narrow to detect, the widespread clay alteration should produce moderate resistivity/conductivity anomalies in 3D and any roots or zones of greater resistivity or conductivity (near vein halo alteration) may be considered as vein drill targets. Deeper zones of greater chargeability may indicate broader sulfide rich zones around deeper veins and would also be potential drill targets. Once the IP surveying is completed, deeper drill targeting should be straightforward.

The company's address is 580 Hornby Street, Vancouver, BC V6C 3B6, (303) 674-9400, nvgoldcorp.com



We're not in mining because it's easy.

We thrive on challenges

Mining & Minerals

VANCOUVER - Metallic Minerals reported the start of the first phase of drilling of up to 2,000 meters at the La Plata silver-gold-copper project in southwest Colorado along with an update on exploration activities to date. This initial diamond core drill program is designed to test and confirm mineralization in the central porphyry system, which hosts an historical resource estimate, as the first steps toward developing a new NI 43-101 com-

Colorado

First Phase Drilling At La Plata VANCOUVER - Metallic pliant resource estimate.

> The road accessible La Plata project covers 33 km² approximately 26 km northwest of Durango, Colorado within the historic high-grade La Plata mining district located at the southwest end of the prolific Colorado Mineral Belt. Mineralization is related to a large-scale preciousmetals-rich porphyry copper system with associated high-grade silver and gold epithermal vein and replacement deposits.

golder.com



Mill Man Steel, Inc. The Good Service People







Oil & Gas

Exploration

& Production

DENVER, CO (800) 748-2928 (800) 688-7337

casper, wy (800) 876-4757

Contact Mill Man Steel for your casing, tubing, pipe and plate requirements

Steel Processing

Let our commitment to quality provide your company with value and service.

A Native American Woman Owned Business Enterprise

www.millmansteel.com



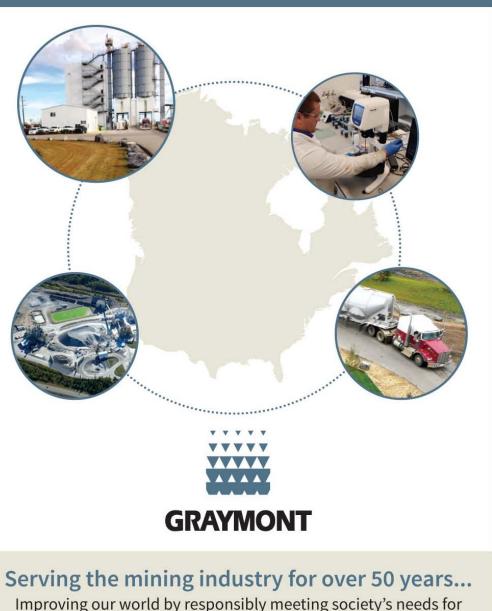
Cowin & Company, Inc.

A Leader in Mining Construction since 1924

www.cowin-co.com

Tunnels • Shafts • Declines Crusher & Belt Installation • Rock Fall Protection Roof Stabilization • Raisebored Shafts

Phone 205-945-1300 Fax 205-945-1441



quality lime and limestone products.

Graymont.com

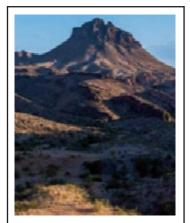
ARIZONA **Commencement Of Property** Wide Soil Sampling Program

VANCOUVER - Northern Lights Resources Corp. reported on the assay results from the four prospect drill holes that have been completed and the results of a rock chip sampling program completed on the northern portion of project claims. The Company also is announcing the commencement of a property wide soil sampling program at Secret Pass Gold Project in Arizona and the Medicine Springs Project.

From January to February 2021, Northern Lights collected 77 rock chip samples from the vicinity of old workings outside of the Tin Cup Zone. The assays results show a high concentration of gold associated with historical workings controlled along a northwest trending series of rhyolitic dykes intruding andesite and granite gneiss. Significant gold values occur in a strongly altered and fractured zone that extends from Sam's Ridge to Boomerang Lake, a distance of 4000 metres. Limited surface exploration has been undertaken in this favourable alteration zone. Out of the total number of samples taken over 39 samples assayed over 0.5 grams per tonne gold with 12 samples assaying over 5 grams per tonne gold and 5 samples assaying over 10 grams per tonne gold. The highest grade sample as-sayed was 26.7 grams per tonne gold.

The rock chip samples were assayed at Skyline Laboratories in Tucson. Rocks were fire assayed for Au and Ag with a gravimetric finish with a detection limit of 0.005 and 0.1 grams per tonne respectively. A second sample split was digested in Aqua Regia and analyzed for a 49 element suite by ICP-MS. The company commenced a 900 soil sampling program over the entire license area at Secret Pass. Once collected the samples will be sent to SGS Laboratories in Burnaby, British Columbia for assay using Mobile Metal Ion (MMI) and interpreted at SGS Lakefield, Ontario. The soil sampling program is being completed on a 50m x 200m grid spacing.

The two holes drilled at Fiery Squid encountered gold mineralization. The holes drilled at Fluorspar Ridge and 9 Second Shaft did not report any material gold mineralization.



Fiery Squid drill hole #1 encountered mineralization at a depth of 56.2 metres that assayed 9.09 grams of gold per tonne over a sample width of 0.90 meters. This intersection is associated with a thin fracture of manganese with the presence of small grains of visible gold. Drill hole #2 at Fiery Squid encountered three mineralized intersections with gold values associated with a hydrothermal breccia zone contacts in the upper portion of the hole. The reported assays from this zone included 1.92 g/t gold over 0.9 metres from 21.76m to 22.66 metres, 3.15 g/t gold over 1.0 metres from, 27.3m to 28.3m and 3.74 g/t gold over 0.9 metres from 29.4 to 30.3 m.

The Company has secured the services of a drilling contractor to complete the permitted drill program at the Tin Cup Prospect. Northern Lights is permitted to drill a total of seven holes at Tin Cup where historic reverse circulation returned grade intervals of up to 40 grams per tonne. Drilling at Tin Cup is planned to commence in Q4 2021.

CEO, Jason Bahnsen, said, "While we were hoping for better results from the four prospect holes we drilled at Fiery Squid, 9 Second Shaft and Fluorspar Ridge, the outstanding surface sampling results highlight the presence of high-grade gold in the prospect areas drilled. These sample results, combined with our upcoming MMI soils program, which is now underway across the entire project area, will assist in building an overall geological model for the project and identify additional gold anomalies for future drilling. The Company is looking forward to beginning drilling at Tin

Cup in Q4."

Editor: Don Harrison, editor@miningrecord.com Accounting HQ: accounting@miningrecord.com General Manager HQ: customerservice@miningrecord.com Subscriptions/Orders: subscriptions@miningrecord.com Advertising: advertising@miningrecord.com

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

Subscription Rate

For U.S.: \$55 per year; Canada & Mexico: \$82 per year Foreign: \$99 per year Email: subscriptions@miningrecord.com

Published monthly - \$8.00 per copy

Regional Office: Highline Professional Center - Kellogg Center 26 W. Dry Creek Cir., Littleton, CO 80120 USA Associate Offices: Highlands Ranch, CO USA, Gunnison, CO USA Vancouver, BC Canada, SA-MEX-ARG

THE MINING RECOI

INDUSTRY NEWSTM

Volume 132. Number 9

HEADQUARTERS:

Post Office Box 1630 Castle Rock. Colorado 80104 USA Toll Free: 1-800-441-4748 USA/Canada Tel: (303) 663-7820 • Fax: (303) 663-7823 www.miningrecord.com • Email: guestions@miningrecord.com Electronic Editorial Submissions: Email: editor@miningrecord.com

Published by: The Mining Record Company - HIE, LLC ©Copyright 2021, All Rights Reserved

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

Distribution Mail House: Commerce City, CO USA • Publication Printing Facility: Tucson, AZ USA

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

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

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



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



The Mining Record is published monthly by Howell International Enterprises, LLC, with Main Office locat-ed in Sedalia, Colorado 80135.



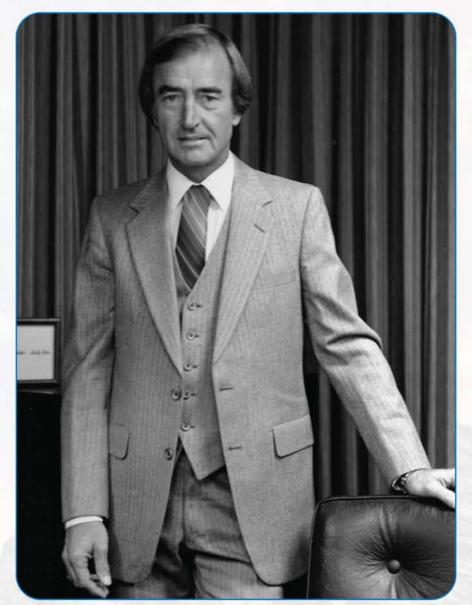
Postmaster: Send address changes to The Mining Record, P.O. Box 1630, Castle Rock, CO 80104 USA

> USPS 593360 ISSN No. 0026-5241



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

Don E. Howell April 6, 1939 - April 27, 2021

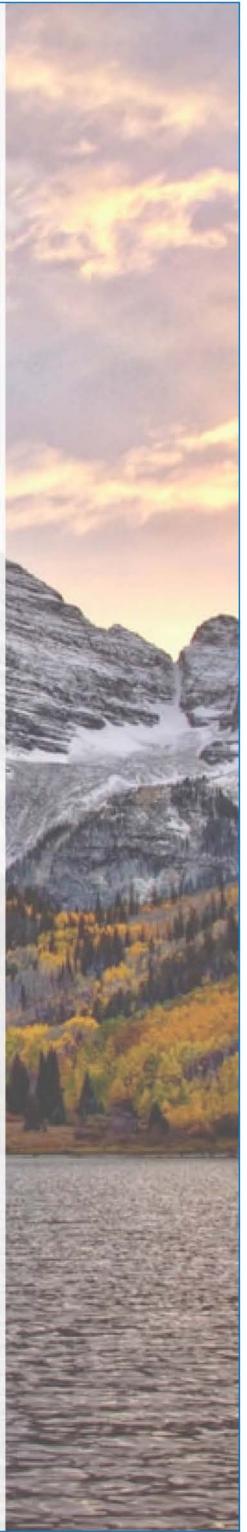


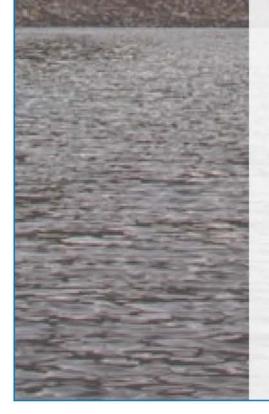
Don E. Howell, Chairman and Chief Executive Officer

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.



Isabella Pearl Mine Scarlet Phase Two Drill Program

COLORADO SPRINGS, CO -Fortitude Gold Corp. reported on the 2021 Scarlet phase two drill program including 4.57 meters of 3.19 grams per tonne (g/t) gold within 19.81 meters grading 1.57 g/t gold. This mineralization is associated with the northwestern structural extensions of its Isabella Pearl mine located in Mineral County, Nevada.

During the second quarter of 2021, a 15-hole reverse circulation program targeted the south Scarlet area located approximately 650 meters northwest of the operating Isabella Pearl mine. This program was designed to build on first quarter Scarlet drill results. Substantial widths and gold grades intercepted oxide mineralization with potential to be processed at the Company's Isabella Pearl heap leach pad and gold process plant.

"This latest drill program at Scarlet was designed to further define the lower oxide-sulfide boundary, as well as test the margins of the know mineralization," said, Barry Devlin, Vice President of Exploration. "Multiple holes again returned sizeable widths of oxide mineralization with grades as high as 3.19 grams per tonne gold. Scarlet remains a high priority target for additional delineation drilling. We plan to move a reverse circulation drill rig back to Scarlet



early in the fourth quarter of 2021, once the current delineation drilling at Golden Mile is complete, to build on these positive Scarlet drill results."

Jason Reid, CEO and President, said, "We are excited with these continued high grade drill intercepts including 4.57 meters of 3.19 grams per tonne gold within a much wider interval of 19.81 meters, or 65 feet, grading 1.57 grams per tonne gold. This mirrors similar intercepts from the prior drill program which included 3.05 meters of 3.94 grams per tonne within the wider intercept of 24.38 meters, or 80 feet, of 1.60 g/t gold. In a world where many open pit mines chase an average 0.5 grams per tonne gold grade, these highgrade gold Scarlet drill results are very exciting.

While we expected to find

the margins of this mineralization to the southeast, in the direction where we previously completed condemnation drilling for the heap leach pad expansion, this high-grade mineralization remains open to the northwest along trend. We recently announced the permit receipt to expand the Isabella Pearl heap leach pad. Included in this permit was an expansion of the Isabella Pearl mine plan boundary to the northwest, which opens up additional acreage associated with the Scarlet target for exploration within the permitted mine plan.

Scarlet is just one of multiple gold targets associated with our 9,800-acre Isabella Pearl property covering over six miles of an important mineralized fault corridor in the Walker Lane Mineral Belt."

Drill Program Initiated At Frost Project In Oregon

WINNEMUCCA, NV - Paramount Gold Nevada Corp. has initiated a drill program at the Frost project located 12 miles southwest of the high-grade Grassy Mountain gold project in Eastern Oregon. All required permits from State and Federal authorities to drill its Frost property.

President and COO, Glen van Treek, said, "We are extremely excited to drill Frost. Discovering a deposit so close to our proposed mine would extend mine life and substantially improve overall project economics. We have carefully assembled a strong set of data confirming the key characteristics we would like to see in a drill target and the structures have the potential size to host a significant addition to reserves."

The first phase of drilling will be a 15-hole reverse circulation program of approximately 9,000 ft in total. The program is designed to test prospective targets related to interpreted silicification, and structures identified by the Paramount team based upon historic assays, field mapping and geophysical surveys. Historic drilling completed in the early 1990's intersected up to 25g/T of gold and 27g/T of silver.

The distance between Frost and the Grassy Mountain gold mine presents a significant opportunity to increase mine life as economic mineralized material would be trucked as mill feed to the Grassy processing facility. The Project is in the semi-arid high desert plateau region of eastern Oregon. The terrain is gentle to moderate, with elevations ranging from approximately 4,400 to 5,000 feet above mean sea level.

The area is underlain by Mesozoic volcanic, volcaniclastic and minor interbedded sedimentary rocks, with Quaternary alluvial deposits filling the valleys. The observed volcanic stratigraphy records a complex history of middle Miocene to early Pliocene bimodal eruption and concurrent faulting. The Frost stratigraphy lacks significant sequences of intermixed fluvial and lacustrine sedimentation. This could indicate that the north-trending rift basins of the Lake Owyhee Volcanic Field did not form in the immediate vicinity and as a result, the Frost Project area and nearby Freezeout Mountain were most likely topographic highlands and did not receive the sedimentation that can be found nearby to both the east and west of the project.

Banded to vuggy chalcedonyquartz-adularia vein material along with smectite, hematite and native gold, fills a steeply dipping, northwest trending fracture zone developed within Middle to Late Miocene age rhyolites and basalts. The vein zone penetrates previously silicified and hydrothermally brecciated rock containing low level sub-ore grade gold values. Geologic mapping reveals presence of a fossil hot spring system.

Ames Construction

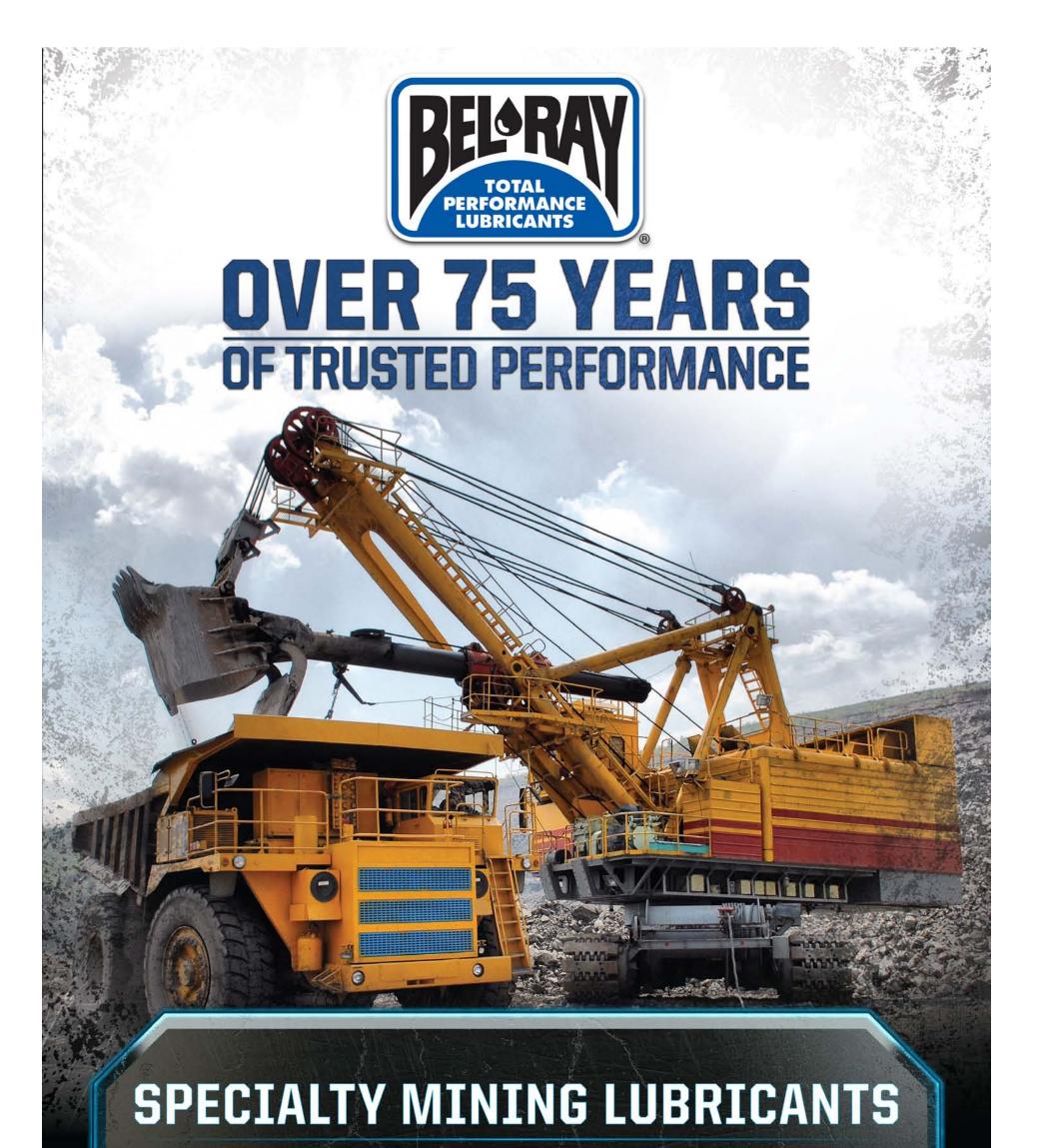
True Confidence isn't fabricated. It's built



On heavy civil and industrial construction projects there's zero margin for error when it comes to safety, cost, timing and environmental impact. Which is why, at Ames Construction, everything we do is rooted in accountability. You can see it in our proven track record of safety, our capacity to self-perform, and our commitment to investing in relationships. We deliver on our promises. Period.

Instilling True Confidence. Delivering Success.

AmesConstruction.com



TO REDUCE YOUR TOTAL COST OF OWNERSHIP

Reduce Maintenance and Downtime Provide Training and Lubrication Support Program

Extend Equipment Life 💫 💧 Improve Component Reliability

WWW.BELRAY.COM To order, contact mining@belray.com. # belray ☑@bel_raycompany ➤@bel_ray f/belraycompany

> SEPTEMBER 13-15

TO LEARN MORE VISIT OUR BOOTH AT





LAS VEGAS CONVENTION CENTER 3150 PARADISE RD, LAS VEGAS, NV 89109



The Tasiast 24k And La Coipa On Track For Completion

TORONTO - Kinross Gold Corporation. President and CEO, J. Paul Rollinson, said, "Our future growth strategy is advancing well, with Tasiast 24k and La Coipa on schedule to be completed in mid-2023 and mid-2022, respectively. The Manh Choh, Udinsk and Lobo-Marte project studies are all proceeding as planned. Additionally, our global portfolio is on track to meet our revised production guidance for the year. Despite the impact of the Tasiast mill fire on our 2021

production and cost guidance, we continue to expect our production to increase to 2.7 million in 2022 and 2.9 million ounces in 2023. Our investigations regarding the mill fire have been encouraging and we expect the mill to restart in Q4 2021, at a lower cost than initial estimates. We also completed a definitive agreement with the Government of Mauritania to provide enhanced certainty on Tasiast's economics. We were also pleased to release our Sustainability Report, which

provides a transparent account of our strong ESG performance, as well as our inaugural Climate Report, strengthening our reporting in this important area."

Kinross is on track to meet its revised production guidance of 2.1 million Au eq. oz. (+/-5%), and continues to expect production to increase in 2022 and 2023 to 2.7 million and 2.9 million Au eq. oz. (+/- 5%), respectively.

Reported net earnings of \$119.3 million, and adjusted net earnings of \$156.5 million in

Q2 2021. Cash and cash equivalents of \$675.6 million, after repaying \$500 million in debt during the quarter, with total liquidity of approximately \$2.2 billion.

The Company expects to restart the Tasiast mill in Q4 2021 following encouraging results from further investigations relating to the mill fire, with reduced anticipated re-start costs of up to \$35 million. The Company completed a definitive agreement with the Government of Mauritania that provides

enhanced certainty on Tasiast's economics and underpins the parties' partnership.

Restart projects, Tasiast 24k, in Africa, and La Coipa, in Chile, remain on schedule to be completed in mid-2023 and mid-2022, respectively. The Manh Choh, Udinsk and Lobo-Marte project studies are proceeding as planned.

Kinross continues to prioritize work to re-start the Tasiast mill. The Company has assembled a team to coordinate the mill re-start work with the 24k project to evaluate synergies. The results of the investigations and mechanical inspections show the mill is in good working condition and has been turned during testing using the gearless motor drive. The mill shell and discharge bearing, which are also key areas in evaluating the time and cost required to re-start the mill, are also in good condition and support an expected mill re-start in Q4 2021.

Mill re-start cost estimates were lowered to up to \$35 million, compared with the initial estimate of up to \$50 million. A new trommel screen has been ordered and the expected delivery supports the planned timeline.

The company's address is 25 York St., 17th Floor, Toronto, ON M5J 2V5, (416) 365-5123, info@kinross.com, www.kinross.com.

YOUR KEY TO **PEOPLE STRATEGY** Human Resources Services Staffing Contract HR Support Projects Executive, Professional, Training Project Feasibility

- Technical
- Permanent Placement
- **Temporary Contract Labor**
- **Compensation Programs**
- **HR** Projects
- Payroll
- Insurance

Pray & Company Your people & project solutions

www.praysolutions.com

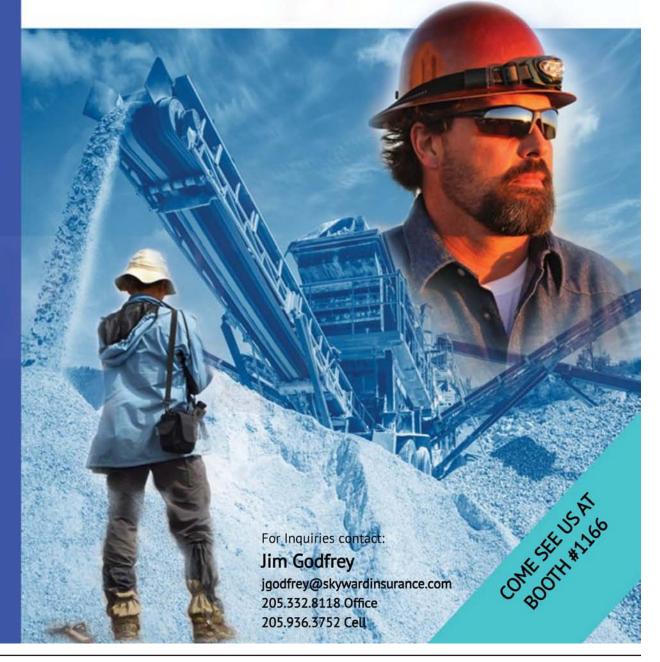
833.775.7729

Communications

External Relations

Quarry & Mining Tailored Multi-Line Insurance Solutions On-Site Operators Subcontractors Processing Facilities Machine Shops Engineers

SKYWARD SPECIALTY INSURANCE



Consultants Metal Fabrication Permit Holders





Excellent Mining Rates Including Single Day Record At PureGold

VANCOUVER - Pure Gold Mining Inc. reported that its high-grade PureGold Mine in Red Lake, Ontario, continues with excellent mining rates including a new single-day production record as unreconciled mined ore production averaged 849 tpd from the Main and East Ramps, including a peak single day production record of over 1,450 tonnes of high-grade ore brought to surface in a span of 24 hours, reaffirming the strong potential to exceed 800 tonnes per day sustainably by the end of the year.

In July production and H2 2021: Daily throughput averaged 703 tpd for the month of July, a 38% improvement compared to the second quarter average.

The strong performance which led to the declaration of commercial production as of August 1st, is attributed to significantly improved stope availability and inventory as a result of investments in development and infill drilling made in the first six months of the year. Average throughput is expected to continue to increase steadily up to and beyond nameplate capacity of 800 tpd for the balance of 2021.

Head grades achieved were in line with plan, averaging 5.6 g/t Au from all ore processed during the month of July, in line with plan for the month which was expected to be the lightest month from a grade perspective for H2 2021.

Over the last two weeks of July, mill head grades averaged 6.9 g/t Au with mine feed coming from multiple headings, including both longhole and mechanized cut and fill stopes. As production transitions to higher grade stopes in Q3 and Q4, head grades are expected to continue to improve for the balance of the year along with increasing throughput.

Steady progress on ramp development, with daily ramp development rates for the Main and East Ramps averaging 5.4 metres and 3.7 metres per day for July, respectively. With a dedicated contract crew now focused exclusively on the Main Ramp as of July, capital development will continue to be a priority for the balance of 2021 to ensure continued stope availability and flexibility and to accelerate drilling and access to 8 Zone.

Once sufficiently ahead of mine production, capital development is expected to be reduced in 2022 and all-in sustaining costs (AISC) are expected to fall accordingly.

Gold production achieved a new monthly record in July of approximately 3,730 ounces of gold produced. Mill recoveries averaged 96.0% for the month.

Four of six CIP interstage screens have been installed with the remaining two to be installed. The trommel screen for the SAG discharge is on site and expected to be operational this month.

The screens are expected to increase mill capacity in excess of nameplate 800 tpd once commissioned.

The company's address is Suite 1900, 1055 W. Hastings, Vancouver, BC V6E 2E9, (604) 646-8000, abuchanan@puregoldmining.ca, www.puregoldmining.ca.



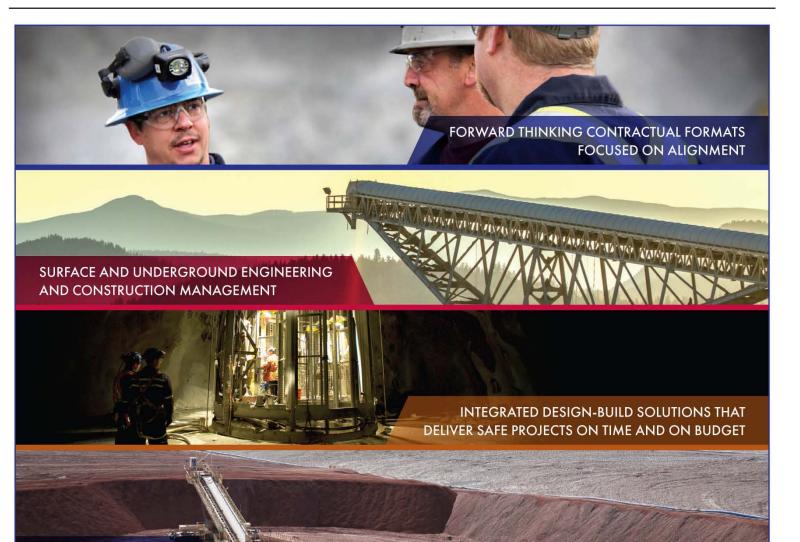
- Surface and Underground Mine Evaluation
- Exploration Project Development
- Mine Design and Planning
- Production Scheduling and Strategic Planning
- Resource Modeling / Reserve Estimation
- Evaluation of Expansions or Acquisitions

www.imctucson.com Tel: (520) 294-9861

NAYLOR PIPE ...Serving The Mining Industry For 95 Years

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

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



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



ADAPTIVE TECHNICAL INNOVATIONS

> Working together for the success of your project. Innovation driving opportunity.







meritconsultants.net

cementation.com

tntinc.com

Mine Development & Construction • Shaft Sinking • Raise Boring • Feasibility & Design Engineering Contract Mining • Process Facilities Construction • Project & Construction Management • Material Handling



VANCOUVER - Keith Neumeyer, President & CEO of First Majestic Silver Corp., said, "Improved production rates and higher metal prices during the quarter generated record revenues for the business. As a result of the higher revenues, our quarterly dividend increased by approximately 33% when compared to the prior quarterly payment. The mining units generated \$29.4 million in mine operating earnings due to strong production and higher realized metal prices. At Jerritt Canyon, operational improvements are being achieved although AISC are expected to be higher than normal in the third quarter due to a \$12.3 million lift on the tailing impoundment that is currently being constructed. Once completed, costs at Jerritt Canyon are expected to return to normal levels."

The Company realized an average silver price of \$27.32 per ounce during the second quarter of 2021, representing a 58% increase compared to the second quarter of 2020 and a 1% increase compared to the prior quarter.

Revenues generated in the second quarter totaled \$154.1 million compared to \$34.9 million in the second quarter of 2020, primarily due to a 199% increase in payable silver equivalent ounces sold due to a temporary suspension of operations (Santa Elena and La Encantada) mandated by the Mexican government in response to COVID-19 in the second quarter of 2020.

The Company reported mine operating earnings of \$29.4 million compared to (\$7.8) million in the second quarter of 2020. The increase in mine operating earnings is primarily attributed to higher ounces sold and higher metal prices. The Company reported net earnings of \$15.6 million compared to \$10.0 million in the second quarter of 2020. The increase in net earnings was primarily attributed to higher metal prices, temporary suspension of operating activities in the second quarter of 2020 in response to the COVID-19 pandemic, as well as a \$10.3 million loss in the second quarter of 2020 related to mark-tomarket adjustments on the Company's foreign currency derivatives.

Total production in the second quarter was 6.4 million silver equivalent ounces, consisting of 3.3 million ounces of silver and 46,544 ounces of gold, representing an increase of 13%

Exceptional Service & Technical Support Servicing the Mining and Aggregate Industries

SPECIALIZING IN WEAR PARTS AND PLANT OPTIMIZATION CRUSHING-CONVEYING-SCREENING & MINERAL RECOVERY



 COL
 Ph: 775-625-3101 • Fx: 775-625-3141

 mericos
 www.HardRok.com

 COBONIC
 Eric Dutton

Eric Dutton Application Specialist Cell: 775-842-3111

Ted Zebroski - President

Toll Free: 1-866-HARDROK (1-866-427-3765)

pared to the previous quarter primarily due to a 14% increase in silver equivalent production from the three operating Mexican mines and the inclusion of production from the Jerritt Canyon mine effective in April.

and 95%, respectively, com-

SEPTEMBER 2021

Drill Rig Arrival At Panuco Ag Deposit

VANCOUVER - Zacatecas Silver Corp. reported that the drill rig to commence drilling at the highly prospective Panuco silver deposit and San Gill breccia zone has arrived onsite to begin a Phase One 10,000 metre drill program. Highlights: Phase One drilling will consist of approximately 10.000 metres of drilling; Initial drilling begins at the Panuco Silver Deposit and then at San Gill-San Manuel, two high priority targets within the large Zacatecas Silver land packages; and Access agreements, drill permits, geological mapping and a drill contract with Major Drilling have all been completed in preparation of this drill program.

The Panuco silver deposit is located in the north of the Zacatecas property and is the most advanced prospect. Panuco has an historic inferred mineral resource of 19,472,901 ounces silver equivalent (cut-off 100 grams per tonne AgEq) from 3,954,729 tonnes at 153.2 g/t AgEq (136 g/t Ag, 0.14 g/t gold (Au), 0.012 per cent lead (Pb), 0.11 per cent zinc (Zn)).

The drill program at the Panuco silver deposit will comprise step-out and step-back holes designed to target potential extensions of the vein system outside of the historical resource estimate. A total of three veins will be drilled: Panuco NW, Panuco Central and Tres Cruces - which remain open at depth and along strike. These are high-priority drill targets.



Your complete line dealer for Hitachi haulers and excavators.



Mining Branches: Elko, Nevada (775) 738-4443 Salt Lake City, Utah (801) 821-0548



and the state of the second second

Tucson, Arizona (520) 294-7677 Phoenix, AZ (602) 414-1900 Gillette, Wyoming (307) 686-7536

arnoldmachinery.com



Robinson Nevada Mining Company

Competitive Wages

Entry level starting wage \$24.94 per hour Excellent benefits start on date of hire

- Mine Operations Senior Supervisor
- Mine Operations Training and Development Supervisor
- Drill and Blast Supervisor
- Operations Accountant
- Business Improvement Analyst
- Process Control Engineer
- Mine Maintenance Supervisor
- Mine Maintenance Mobile Mechanic

- Mine Maintenance Welder
- Mill Electrical/Instrumentation Supervisor
- Plant Metallurgist
- Mine Electrical Technician
- Senior Resource Modeller
- Haul Truck Operator
- Support/Loading Equipment Operator
- Utility Technician
- Lead Person WBTC

To apply, scan the QR code below or visit https://kghm.com/en/careers Select "Find a Job" Select "Robinson Mine Jobs"

If you have any questions, contact Human Resources at 775-289-7043

Robinson Mine is located 7 miles from Ely, Nevada. Zero Harm for our employees, community and environment is our highest priority.







Visible Gold Bearing Intersections Down-Plunge Of Swan Zone

TORONTO - Kirkland Lake Gold Ltd. reported on exploration drilling carried out at Fosterville Gold Mine since the Mineral Resources and Reserve report, which included diamond drilling results from five key areas across the Fosterville property, including underground targets at Lower Phoenix, the Cygnet Fault System, with associated hangingwall splay structures, and the Curie and Herschel Fault structures at Robbins Hill. Of the 197 underground diamond drill holes, 109 tested the Lower Phoenix structure, with the remaining 88 holes related to drilling of the Cygnet Fault System and associated hangingwall structures. At Robbin's Hill, 58 new surface diamond drill holes targeted the Curie and Herschel Fault structures.

Tony Makuch, President and CEO, said, "The results continue to support our view that substantial potential exists to discover new high-grade mineralized areas and extensions and to grow Mineral Reserves at Fosterville. Following completion of the new P3912 underground drill drift, we commenced an extensive underground drilling program down-plunge of the Swan Zone in Lower Phoenix and have already returned a number of high-grade intersections containing the same quartz with VG mineralization that accounts for the ultra-high grades found in Swan. While the down-plunge extension of Swan Zone is obviously a key target for future growth in Mineral Reserves and Mineral Resources, we are also very encouraged by continued favorable results at Cygnet, a parallel structure near the Swan Zone. The results at Cygnet include new high-grade, VG-bearing intersections as well as the identification of new splay structures and opportunities for further growth of the Cygnet Fault System to the north.

"Turning to Robbin's Hill, drill results continue to confirm the size and scale of the target areas at what we expect to become our second mining operation feeding the Fosterville Mill. Along the Curie Fault, we have now intersected VG mineralization up to 1,000 m down-plunge from current Mineral Reserves and at elevations from surface similar to where we first detected VG in the Lower Phoenix and Harrier systems.

With the progress achieved advancing the new Robbin's Hill Decline, we have now commenced underground drilling at Robbin's Hill to support future exploration of the Curie, Herschel and other Fault targets."

HIGH MARK CONSTRUCTION



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

Infrastructure
Leach Pads
Site Development
Road Building
Drilling Pads
Reclamation



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

NIOW/ LIDINIC



Equipment Operators • General Laborers • Concrete Laborers • Concrete Finishers

Applicants must be able to travel and pass a pre-employment drug screen.

High Mark offers competitive wages, travel pay, insurance, and a 401k.







NEVADA High-Grade Gold In Open Pit Drilling At Granite Creek

RENO, NV - i-80 Gold Corporation reported that assay results for the first hole drilled at the Granite Creek Property, located in Humboldt County, Nevada, has returned highgrade results that confirm the high-grade open pit opportunity. Hole iGM21-01, drilled from the bottom of the historic CX-Pit intersected two zones of mineralization grading 3.17 g/t Au over 7.5 m and 6.80 g/t Au over

51.1 m. The hole was drilled for metallurgical purposes into the main structure below the pit (true widths unknown) and returned exceptional grades that appear to be oxide mineralization based on an average cyanide soluble to fire assay ratio of 0.94 over both intervals. The surface drill program targeting open pit mineralization at Granite Creek is complete and multiple assays remain pending.

The drill program was focused on intersecting material to be used for metallurgical and geotechnical purposes in advance of initiating permitting for an open pit mine and on-site processing.

Matt Gili, President and Chief Operating Officer, said, "Advancing the Granite Creek Mine Project is the Company's primary focus for 2021. With more than 20,000 metres of drilling planned in the current program, our goal will be to increase resources, advance permitting to facilitate open pit mining, and to prepare for underground test mining that is expected to be initiated this vear."

The majority of the ongoing program, expected to consist of more than 20,000 metres of drilling, is focused on defining and expanding mineralization within several high-grade target areas proximal to existing underground mine workings at Granite Creek. i-80 has completed initial underground rehabilitation and has commenced underground drilling. As part of an aggressive plan to re-commence mining from underground, the Company is in the process of rehabilitating several areas for the purposes of commencing test mining in H2-2021. A Preliminary Economic Assessment for Granite Creek is nearing completion.

Acquisition Of The Boulder Porphyry Project In Montana

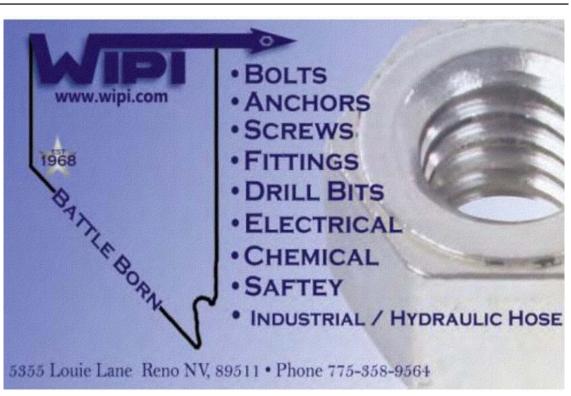
ONTARIO - Peloton Minerals historic Butte mining district. Corporation (PMC) has reached an agreement to acquire 100% of the issued and outstanding shares of privately held Westmount Resources LLC through its wholly owned subsidiary, Celerity Mineral Corporation. Westmount holds a 100% interest in 331 unpatented mineral claims called the Boulder Porphyry Property located near Butte, Montana. The shareholders of Westmount will be issued 50% of the issued and outstanding shares of Celerity in exchange for their Westmount Shares in this arms length transaction

The Boulder Porphyry Property is located approximately 16 miles (26 km) north-northeast of Butte, Montana, home of the tinue to advance."

The Boulder Property is known to contain a large copper-molybdenum porphyry system within the Boulder Batholith and coeval Elkhorn Mountains Volcanics which is overlain by 300 to 2,100 feet of post-mineral Lowland Creek Volcanics. As a result, the porphyry system on the Boulder Property is not well exposed.

President and CEO, Edward Ellwood, said, "We have had our eye on this project for over ten years and are thrilled that it is coming to us.

It is an exciting exploration target with tremendous potential and fits extremely well with the potential of our Nevada Carlin style gold projects which we also con-



Announcing the newest addition to the Geo-Logic Associates team—The MINES Group, Inc.



Providing geoenvironmental consulting and engineering design services to the mining industry

Key capabilities include:

- Acid rock drainage mitigation design
- **Diversion** design
- Heap leach pad design
- Landslide analysis and mitigation
- Mine reclamation planning and design
- Open pit stability analysis and design
- Sediment yield studies (RUSLE)
- Solution pond design
- Stability analysis
- Stream restoration analysis and design
- Surface hydrology studies
- Tailings dam design
- Permitting assistance
- Sediment transport studies and moveable boundary hydraulics
- Waste rock pile design
- Water balance analysis

Kenneth (Ken) L. Myers, PE | klmyers@geo-logic.com Anthony (Tony) Crews, PE | aewcrews@geo-logic.com www.geo-logic.com/mining

DBS&A









Field Work And Ground Magnetic Survey At Goldrun

EDMONTON - Cortus Metals Inc. reported on field work results including soil and rock-grab sampling programs and a ground magnetic survey at

ID 83651

the Goldrun project in Humbolt County, Nevada. Key prospective areas of the project were tested, with 178 soil samples being collected at 60m spacing.

Samples were analyzed using the Ionic Leach method, a proven technique for detecting buried precious metal mineralization. Multi-element analysis



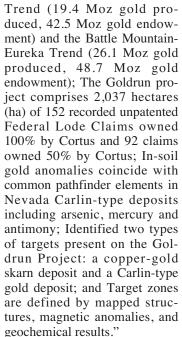
- Access Platform, Stairs, Ladders
- Chemical and Material Handling



revealed anomalous zones of gold as well as important pathfinder element anomalies such as arsenic, antimony, mercury and copper. Additionally, 17 rock-grab samples were collected with peak assay values of >4,000 ppb gold and >29,000 ppb silver in sulphide richquartz veins. A high-resolution ground magnetic survey totalling 18.5 km² was also completed, covering the majority of the Goldrun project and indicating a potential NE-trending intrusion that could be spatially related to a gold-copper deposit similar to other deposits.

Coincident geochemical and geophysical anomalies indicate several prospective target zones within the Goldrun project.

CEO, Sean Mager said, "The Goldrun Project features a large magnetic high, interpreted as an intrusive body, highlighted by anomalous soil samples and high-grade gold anomalies in rock-grab samples. With these results, the Cortus team is developing two types of targets at Goldrun - a copper-gold skarn deposit, and a Carlin-type gold deposit. The highlights include: The project is located at or near the intersection of the Getchell



The proposed 2021 exploration program is nearing the drill-ready stage; exploration plans include a systematic eastwest soil sample grid to cover the entirety of the project and a detailed gravity survey to define relative depths to bedrock. The new geochemical and gravity data will strengthen the understanding of mineralization and structural controls on the project and be an asset in determination of drill targets.

Samples Assayed And **Drilling At Pulacayo**

VANCOUVER - Silver Elephant Mining Corp. reported that ongoing exploration at both the Pulacayo silver project and the El Triunfo gold-silver project in Bolivia is yielding encouraging results. At the Pulacayo District Exploration the Company has drilled 1,972 meters of its announced 2,000m drill program. Drilling has been completed at El Abra, Veta Quattro, and Pacamayo prospects identified through mapping and 2021 IP survey at Pulacayo District.

Drilling at Pacamayo (1km north of the NI-43 101 Pulacayo resource that is upper part of TVS) has confirmed visual concentrations of galena, tetrahedrite and sphalerite.

The Company is currently drilling PUD 293 at the Pero area about 500 meters south of Pulacayo resource where an IP anomaly is detected at a depth between 250 to 500 meters. PUD293 is located 300 meters southwest of PUD286 (also outside of Pulacayo Resource) which intercepted 4meters of 393 g/t Ag, 3.79% Zn, 0.88%Pb at 148-meter downhole. The IP target for PUD 293 corresponds favorably to a mapped structure that strikes westward from PUD 286. All prior Pulacayo drilling focused primarily on upper part of Pulacayo TVS and the Paca satellite deposit (7km north of TVS) which define the Pulacayo resource of an Indicated mineral category of 106.7 million oz of silver, 1,384.7 million pounds of zinc, and 693.9 million pounds of lead. At the El Triunfo project, Silver Elephant has completed a 30 linekm IP survey at its El Triunfo project and has identified several IP anomalies. Of particular interest is the east anomaly measuring 50 to 75m wide, and 200m along strike and appears to be 100 to 200 meters from surface. This anomaly is open to the east. The Company ground is crew compiling remaining data to determine its full dimensions.



Olympus Seal specializes in fluid handling and sealing products specifically designed for chemical, mining, FDA, and other purity-sensitive industries. Corrosion control is at the heart of our product offering with the expertise to solve your most difficult problems.





Contact us today for your product needs!





DISTRIBUTORS **FACTORY AUTHORIZED** SALES and SERVICE

WWW.SLSWESTLUBE.COM

3323 LeTourneau Dr. **Gillette, WY 82718** (307) 682-0555



24 HOUR PROFESSIONAL LUBRICATION SERVICE!

eroquip CONTROL PRODUCTS





INDUSTRIES SERVED

MINING EQUIPMENT MOBILE EQUIPMENT MANUFACTURING **PULP & PAPER POWER GENERATION RAIL EQUIPMENT** SERVICE TRUCKS **GENERAL LUBRICATION**

SLS West, Inc. provides one stop shopping for lubrication equipment, lubrication system design, installation, service, lubricants and technical support. If you are having lubrication problems, make it our problem to solve.

EQUIPMENT SALES

rication

- FACTORY AUTHORIZED STOCKING DISTRIBUTOR FOR LINCOLN, FAST FILL SYSTEMS AND MANY OTHER MANUFACTURERS OF INDUSTRIAL EQUIPMENT
- MANUFACTURERS' WARRANTIES AVAILABLE FOR ALL NEW EQUIPMENT
- COMPLETE HIGH PRESSURE HOSE FABRICATION FROM 1/4" TO 1" AT OUR FACILITY OR YOURS
- WIDE VARIETY OF FORGED STEEL AND HIGH PRESSURE FITTINGS, VALVES AND ADAPTERS SUITABLE FOR LUBRICATION SYSTEMS

EQUIPMENT SERVICE

- **TECHNICIANS ARE ON CALL 24 HOURS A DAY, 7 DAYS A WEEK**
- **EXPERT ON-SITE SYSTEM INSTALLATION, TROUBLESHOOTING AND REPAIR**
- OUR SERVICE TRUCKS ARE FULLY STOCKED WITH A FULL LINE OF REPAIR PARTS FOR SINGLE LINE PROGRESSIVE, SINGLE LINE PARALLEL, DUAL LINE AND MIXED METHOD LUBRICATION SYSTEMS AS WELL AS A GASOLINE POWERED WELDER - GENERATOR, AIR COMPRESSOR, HYDRAULIC HOSE SWEDGER AND LIGHTING FOR NIGHT WORK. IN-HOUSE DESIGN TEAM AND ENGINEERING FOR CUSTOM APPLICATIONS
- FACTORY AUTHORIZED WARRANTY CENTER FOR LINCOLN AUTOMOTIVE AND INDUSTRIAL EQUIPMENT AS WELL AS REPAIR EQUIPMENT FOR ALL OTHER BRANDS

INCLUDING GRACO, ALEMITE, BALCRANK AND SAFEMATIC

- LUBRICANTS
 - EXTREME HIGH PERFORMANCE GREASE, OPEN GEAR LUBRICANTS, ENCLOSED GEAR OILS, WIRE ROPE OILS, AND CHAIN OILS
 - A CARTRIDGES, AEROSOL SPRAY CANS, 35LB PAILS, 120LB KEGS, 400LB DRUMS AND

BULK CONTAINERS

BULK LUBRICANT DELIVERY

PROMPT DELIVERY TO YOUR LOCATION DIRECTLY TO YOUR PUMPING STATION WITHOUT EXCHANGE OF THE CONTAINERS

DELIVERY TRUCKS ARE EQUIPPED WITH HIGH VOLUME TRANSFER PUMPS AND SELF. CONTAINED AIR COMPRESSORS

Hecla's American Mines Produce 40% Of All Silver In U.S.

COEUR D'ALENE, ID -"Despite the continuing pandemic, the Company had near record results across a number of metrics improving on the consistent performance of the past two years," said Phillips S. Baker, Jr., President and CEO of Hecla Mining Company. "We generated over \$54 million of free cash flow due to a combination of lower treatment charges, increasing throughput and recoveries, and higher prices. Our American silver mines produce more than 40% of all the silver mined in the United States and with silver being important for the transformation to renewable energy, electric vehicles and 5G, Hecla's growing silver production and low costs make it wellpositioned for even better results in the future."

The Greens Creek Mine produced 2.6 million ounces of silver and 12,859 ounces of gold with the mill operating at an average of 2,362 tons per day (tpd) marking another quarter of consistently strong performance. The decrease in silver production compared to the second quarter of 2020 was due to planned lower grades resulting from mine sequencing. Compared to 2020, cost of sales decreased by \$2.2 million and the per ounce silver cash cost and AISC decreased by \$7.83 and \$6.43, respectively, due to higher by-products credits resulting from higher by-product prices, lower treatment costs from favorable changes in smelter terms and lower production costs, driven partially by



lower COVID-19 related costs.

The Company's estimated 2021 silver production of 9.5-10.2 million ounces is unchanged and gold production increased from 40-43 thousand ounces to 43-45 thousand ounces. The estimate for 2021 cost of sales has been updated to \$222 million. Estimated cash cost and AISC, each per silver ounce has been updated to (\$1.00)-\$1.00 and \$3.25-\$4.00, respectively, with lower costs due to anticipated higher byproduct credits.

At the Casa Berardi Mine, 31,333 ounces of gold were produced compared to 30,756 ounces in the second quarter of 2020 due to higher mill throughput which was partially offset by lower grades. The mill operated at an average of 4,117 tpd, which was 33% higher than the prior year period. The increase in cost of sales was due to higher throughput, mill contractor costs related to maintenance and optimization activities, and underground maintenance costs resulting from repairs and replacements of major components for the production fleet. The increase in cash cost and AISC per gold ounce for the second quarter of 2021 compared to 2020 was the result of the higher cost of sales, with the increase in AISC also resulting from higher sustaining capital spending.

In the 160 pit, 1.4 million tons of overburden were removed during the quarter. Ore from that pit is expected to start being mined and processed in Q4 2021, concurrent with the processing of the last of the East Mine Crown Pillar pit ore.

The Company's estimated 2021 gold production has been increased from 125-128 thousand ounces to 128-132 thousand ounces. The Lucky Friday Mine reported 0.9 million ounces of silver were produced in the quarter, an increase of 95% compared to the second quarter of 2020, with the mine at full production. The mill operated at an average of 906 tpd. Hecla continues to test and optimize new mining methods to better manage seismicity and potentially increase productivity.

At the Nevada operations, 14,947 ounces of gold and 45,125 ounces of silver were produced from processing previously stockpiled ore, including oxide material processed at the Midas mill and a bulk sample of refractory material processed at a third-party roaster facility. Total cost of sales for the second quarter was \$18.0 million which included a \$9.4 million writedown in the value of stockpile inventory to net realizable value due to lower than anticipated grades. Cash cost and AISC per gold ounce were \$1,369 and \$1,386, respectively, in the second quarter of 2021. The increase over the prior year period was due primarily to costs related to the ore stockpile inventory that was mined in previous periods and processed in the current period.

With processing of the oxide material complete, the Fire Creek Mine and Midas mill were

placed on care and maintenance during the quarter. In the second half of 2021, approximately 10,000 tons of refractory material is expected to be processed as a test at a third-party autoclave facility. The ounces from this third-party processing are anticipated to be recognized as production at that time. Those ounces and any remaining finished goods inventory are expected to be sold in the second half of 2021. Pre-development for the Hatter Graben area at Hollister and exploration at Midas are ongoing.

Exploration expenses were \$8.4 million for the second quarter, an increase of \$6.4 million compared to the second quarter of 2020 primarily due to increased activity and focus on the Green Racer Sinter discovery at Midas and increased activity at Greens Creek, Casa Berardi, San Sebastian, Heva-Hosco and Kinskuch. Exploration guidance was increased to \$40 million earlier in the quarter. An update of the exploration program will be provided later in the third quarter.

Pre-development spending was \$2.9 million for the quarter, compared to \$0.6 million for the second quarter of 2020. The increase over the prior year period is principally due to development of the decline to allow drilling of the Hatter Graben, which commenced late in the first quarter of 2021. Exploration drilling is expected in the third quarter. Pre-development guidance was increased to \$8.5 million earlier in the quarter.

"Building & Operating America's Underground Mines"





For more information, visit our website at: www.undergroundmining.com or call 208-338-8880



High-Grade Gold-Quartz Veins Drilled In Klondike Area

COEUR D'ALENE, ID -New Jersey Mining Company (NJMC) reported the latest assay results from its ongoing core drilling program at the Golden Chest, in Idaho. These recent gold intercepts lie within the Klondike area and represent another potential mining target north of the existing underground mining area. All intervals are reported in drill thickness (as vein orientations are yet to be determined) and in grams of gold per tonne (gpt): GC 21-203 intercepted 1.8 meters of 14.4 gpt gold (including 0.8 meters of 31.8 gpt gold); and GC 21-204 intercepted 7.5 meters of 5.2 gpt gold (including 3.3 meters of 9.4 gpt gold) in the upper vein and 3.4 meters of 12.2 gpt gold (including 1.1 meters of 34.1 gpt gold) in the lower vein. After completing its successful program in the Joe Dandy/ Paymaster area, the core drill mobilized to begin drilling the Klondike area in early July. The holes were planned to test the deeper extensions of the historically mined Klondike shoot below the old underground workings. The usual drill targets at the Golden Chest are typically just above and just below the Idaho Fault, however these newly discovered high-grade gold veins were intercepted in both holes much shallower (considerably higher in the hole) than expected in the hangingwall of the Idaho fault.

The first core hole, GC 21-203, identified a new vein set that assayed 1.8 meters of 14.4 gpt gold. The second drill hole, GC 21-204, intercepted long intervals

of strong pervasive silicification of wallrock with massive and banded quartz veining. The order of magnitude of silicification is greater than before seen in other mineralized areas at the Golden Chest Mine. Assay results are pending for the deeper veins in drillhole GC 21-204. Drillhole GC 21-205 also intercepted the same zone, but deeper and is being logged.





406-252-4294 P2111 4тн Avenue NGet a quote online!406-252-4812 FBillings, MT 59101duffnortonairmotorjacks.com



ALASKA Exploration-Drilling Update For The Golden Zone Project

TORONTO - Avidian Gold Corp. reported an exploration update for its district scale (125.5 sq. km) Golden Zone Project in south-central Alaska. The property is located midway between Anchorage and Fairbanks and only 10 km west of paved State Highway 3, the Alaska Railroad and the 345 kV Alaska Intertie power lines. Drilling commenced in August, and to date has achieved the following: Completed over 1,250 m of RC drilling from a 5,000 m drill program; Extended mineralization by 200 m at the Mayflower Extension Zone (MEZ) which is still open at depth and along strike to the northeast; Shipped the first batch of drill samples to ALS Global for analysis; Completed 1,200 line km of drone magnetic survey; and Completed its reconnaissance mapping and sampling program over JJ-J4 and MJ targets.

The mineralization encountered by the current RC drill program at the MEZ appears to be very similar to what was encountered in the 2017 and 2018 core holes, extending the mineralized zone to the northeast by 200 m, giving it a total strike length of approximately 600 m of new mineralization adjacent to the Breccia Pipe Deposit. The drill holes are shallow with vertical depths less than 150 m leaving the deposit open at depth and along strike to the northeast.

The Breccia Pipe Deposit hosts a NI 43- 101 indicated gold resource of 267,400 ounces (4,187,000 tonnes at 1.99 g/t Au) plus an inferred gold resource of 35,900 ounces (1,353,000 tonnes at 0.83 g/t Au).

At the current pace of drilling the Golden Zone program is expected to be completed by mid-September. Once drilling wraps up at Golden Zone the plan is to mobilize the drill to Amanita to follow up on the near-surface oxide gold encountered in the 2020 core program and 2019 trenching program.

Avidian geologists have completed detailed field mapping, prospecting and sampling on select locations in order to follow up on previous reconnaissance mapping and sampling initiatives that yielded highly anomalous gold and copper results, (JJ-J4 and MJ discovery areas - grab samples of 5.17 g/t Au and 4.2 g/t Au plus 2.77% Cu and Silver Kitty discovery grab sample of 12.5 g/t Au). New areas of sulphide mineralization were also noted and sampled.

It should be noted that, due to their selective nature, assay results from grab samples noted above may not be representative of the overall grade and extent of mineralization on the subject areas. The primary objective of the drill program is to follow up on MEZ mineralization which lies to the northeast of the Breccia Pipe deposit and is believed to have the highest potential to add ounces to the Breccia Pipe Deposit.

Previous drilling by Avidian at the MEZ returned 21.6 m grading 1.46 g/t Au in a conglomeratic unit and 17.7 m grading 2.12 g/t Au in the same conglomerate unit on a 50-meter step out hole.

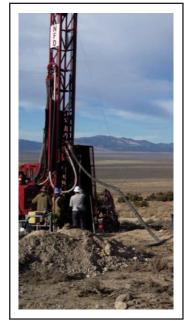
Drilling will also focus on the Copper King prospect approximately 4 km to the south of the Breccia Pipe Deposit. The program is designed to follow up on a previous exploration campaign that yielded: 9.1 m grading 8.71 g/t Au, 80.8 g/t Ag and 3.57% Cu from 3.9 m to 13.0 m in drill hole CK18-01: A surface trench (T18-09) located in the same vicinity as hole CK18-01 returned 30.0 m grading 2.24 g/t Au, 67.2 g/t Ag and 2.79% Cu; and 3.0 m grading 16.08 g/t Au, 50.6 g/t Ag and 0.78% Cu was encountered in a trench located 750 m south of the high-grade Copper King mineralization, which attests to the size of the mineralizing system in the Copper King/Long Creek area. This mineralization is located on the southern flank of a large CSAMT anomaly and is hosted in a conglomeratic unit.

Northern Nevada New Milestone To Produce Zinc Sulfate Monohydrate

TORONTO - Nevada Zinc Corporation reported on the ongoing progress with the multiphase pilot plant program to produce zinc sulfate monohydrate currently being conducted by Hazen Research, Inc. for the Company's Lone Mountain zinc project. Hazen Research completed laboratory work to purify pregnant leach solution (PLS) recovered from acid leaching of zinc concentrate. Experiments were conducted to evaluate cementation and solvent extraction to remove impurities from the zinc bearing PLS.

Experiments demonstrated that greater than 99% of cadmium in the PLS was removed by cementation, reducing the cadmium concentration to less than 1 ppm. Solvent extraction contacts using di-(2-ethylhxyl) phosphoric acid (DEHPA) showed strong selectivity for zinc. Extraction of 98% of zinc was achieved in a single contact, while rejecting more than 90% of the impurities magnesium, calcium, and manganese.

Max Vichniakov, President and CEO, said, "We are extremely pleased with yet another positive outcome from our bench-scale testing program. Heavy metals occur naturally in source materials used to manufacture fertilizers. Consequently, concentrations of these hazardous constituents in the resulting fertilizers and animal feed must be completely eliminated or decreased to an absolute minimum to meet industry stan-



dards. Our ability to reduce cadmium levels to less than 1ppm speaks volumes about our project and sets us on the path for a very clean, environmentally friendly, premium zinc sulfate product. Successful completion of the solvent extraction step with high zinc recoveries moves us to the final phase of our envisioned flowsheet.We are pleased with the progress made to-date and anxiously await the results of the next phase".

Crystallization, which is the final phase of the bench-scale testing program to produce zinc sulfate monohydrate, has now commenced and is projected to be completed in Q3/21. The Company will provide updates as material results become available.



Delivering Value.

Kinross Gold Corporation



www.kinross.com



ELKO COUNTY, NV Large Zone Of Potential Open-Pit Grade Mineralization

VANCOUVER - Provenance Gold Corp. reported that the second hole drilled on its White Rock property in northeastern Elko County, Nevada confirmed the thick zone of potentially open-pit grade gold mineralization intersected by its first hole. WR-16 intersected a 55-meter (180-foot) interval that averaged 0.618 g/t gold or 0.018 oz/t gold starting with 1.5 meters (five feet) of 3.55 g/t gold at 20 meters (95 feet) and ending with a 6-meter (20 foot) interval that averaged 2.3 g/t gold. The 55meter-thick zone also contained 7 assay intervals over 1 g/t gold. It was stopped at 300 feet due to drilling conditions. The hole was collared near WR-15 and drilled due east at -50 degrees. The hole remains open to mineralization to depth. Based on historical data, Provenance believes another mineralized zone occurs below the one that was intersected by hole WR-16.

Provenance is waiting for assays from additional holes from this northwestern part of the currently recognized gold system at the White Rock Property. The current drilling has shifted to more than a kilometer to the east in the same recognized gold system, and the company is very encouraged by

Vein Discovery At The Veta Grande

VANCOUVER - Baroyeca Gold and Silver Inc. announced additional assay results from chip samples at new vein discoveries following the Veta Grande vein system west of the Santa Agueda creek/fault zone at the Atocha project in Tolima, Colombia. In total, the Veta Grande vein system has been traced for over 2km of strike length and remains open at both ends within the property boundaries.

Raul Sanabria, P.Geo., President, said, "The continuous discoveries of vein exposures is evidence that our robust geological model works and that we have a clear understanding of the structures controlling the silver and gold veins. Our geological team is systematically mapping sectors of our district-scale property which is translating into the discovery of numerous showings and veins, more than we initially thought likely, and yet we believe we are still only scratching the surface of the property. This part of our exploration program will allow us to refine our plans for drilling as we carefully map and select our best exploration targets rather than going out prospecting with a drill." Baroyeca's surface mapping and prospecting program at Atocha continues to make new vein discoveries which show vein widths in outcrop from 35cm to >45cm. Chip samples collected at surface from outcropping vein exposures returned grades of up to 311 g/t Ag and 19.2 g/t Au. The highest silver and gold assay results were from a series of parallel vein exposures and outcrops discovered following the inferred trace of the known Veta Grande vein corridor, on the western side of the Santa Agueda Creek, interpreted as a fault with vertical offset and southwest directed displacement.

the visual appearance of the silicified and mineralized sedimentary rocks currently being drilled.

Provenance wanted to establish the continuity, structure, and grade of the White Rock gold system in the far western and eastern parts of this extensive 3.2 km by 1.6 km gold system in its first drilling program.

Steve Craig, Senior Consul-

tant and Project Manager, said, "Our future drilling will focus on the Central Ridge portion of the system and explore its extensions. The Central Ridge is 1,200 meters long by 400 meters wide and consists entirely of mineralized silicified rock. We believe we are beginning to establish a major new gold system in a lightly explored part of Nevada."

Safety · Quality · Experience · People · Integrity · Competitive





Turnkey Industrial Construction – Storage & Process Tank Erection & Repair Instrumentation & Electrical – Ducting – Lining – Structural, Mechanical Piping

Bins – Crushers – Conveyors & Material Handling Equipment

801-543-2100

Please send RFP/RFQs to: <u>Sales@MyGBI.com</u>





Additional Drill Program Results From The Lapon Gold Project

VANCOUVER - Walker River Resources Corp. reported additional drill results from the 2021 reverse circulation (RC) drill programs at its 100% owned Lapon Gold Project located approximately 60 kilometres southeast of Yerington, Nevada. RC drill hole LC 21-65 returned 3.45 g/t Au over 30.5 meters from a depth of 33.5 meters. This is a very significant hole as it was drilled approx. 150 meters from the nearest intercept. It also includes a higher-grade intercept of 9.65 g/t Au over 1.5 meters, which appears to be on strike with the high-grade corridor located approx. 500 meters to the west. RC drillhole LC 21-61 returned 1.22 g/t Au over 7.6 meters from surface. This hole is significant as it demonstrates mineralization in granite.

Key Highlights: The drilling results expand the gold mineralization at Lapon Canyon, further define the direction and dip of the higher-grade structures, and expanded gold mineralization both laterally and to depth as in drill hole LC 21-65; LC 21-60 was designed to determine the possible extension of the highergrade mineralization corridor discovered at Lapon. The corridor does deflect and warp along dip and strike (azimuth). It is believed that the higher-grade intercept in the hole at the target depth of 44 meters (1.5 meters of 9.32 g/t Au)

represents the leading edge of the high-grade corridor. In addition, at a depth of 55 meters, we had no recovery of sample over 3.5 meters, which is often indicative of intense fracturing, prevalent in the high-grade structures at Lapon; The drill program is designed to ascertain granite contacts and their relationships with the altered gold mineralized alteration zones. The Company continues to intercept gold assay results in what was previously believed to be barren granite, as evidenced in drill holes LC 21-56 to 61; The 2021 drill program will continue to target the highergrade trends and expand the new gold mineralization previously discovered at the 8800-foot elevation, at the Honeypot, Holes LC19-42 and 43, the lateral extension of LC 21-65, among other targets at Lapon Canyon; and The 2020-2021 drill programs at Lapon Canyon consist of systematic drilling on section for geological modelling purposes, as well as exploration drilling to discover new gold mineralization and extend known gold mineralization.

Assays are pending from drillholes LC 21-64, and 66 – 72. To date the Company has received assay results from 64 drillholes at the Lapon Project. Of these, 19 returned significant higher grades, 19 returned significant lower grades, 13 were carried out in unaltered granite, and 9 were lost/abandoned.

The gold mineralization at Lapon Canyon is contained in a wide (300 meters), long (over 4km strike length), intensely altered (sericite, iron oxides) sheared and faulted NE trending zone. Gold mineralization is present pervasively throughout as an envelope of lower grade mineralization (0.5 to 2.0 g/t Au) enveloping distinct high-grade structures, that have been drilled over a strike length of over 800 meters and a vertical extent of 400 meters.

The high-grade gold mineralization is encountered in discrete, traceable zones located at the intersection of flat lying porphyry dikes and vertical stockwork fracture chimneys.

The present drill program at the Lapon Canyon portion of the Project, will continue to consist of systematic drilling on section for geological modelling purposes, as well as exploration drilling to discover new gold mineralization and extend known gold mineralization. A further 40 holes are scheduled and planned at Lapon Canyon. Drilling is scheduled to get underway in late September.

The Company has received approval from the U.S. Bureau of Land Management (BLM) for its Notice of Intent (NOI) exploration permit to conduct drilling on the Pikes Peak portion.

ARIZONA High Grade Drilling Results Leads To Additional Staking Of Ten Lode Mining Claims

VANCOUVER – Arizona Silver Exploration Inc. reported that recent high grade drilling results have prompted the Company to stake an additional 10 lode mining claims (200 acres) at the Philadelphia project in Mohave County, Arizona.

Greg Hahn, VP-Exploration, said, "We have staked additional mining claims to cover the depth extension of the Perry vein system that returned the high grade gold results. The new claims cover strongly altered and iron oxide-stained flow dome rhyolite that forms the hanging wall of the vein system where drilled. Significantly, alteration in the rhyolite is strong to intense which suggests it overlies a robust mineral system.

In my view it was imperative that we secure the potential depth extensions of the vein system beneath such impressive hydrothermal alteration."

The hanging wall rhyolite is now considered a key indicator of mineralization on the property. The hydrothermally altered rhyolite has outcrop dimensions of some 600 metres by 1000 metres.

Drilling on the Perry vein west of the new claims inter-

sected the rhyolite in all of the holes. Accordingly the vein is projected to continue at depth beneath the rhyolite body.

The rhyolite is unique within the numerous rhyolite bodies on the property in that it has a strong hyperspectral reflectance indicative of strong hydrothermal alteration, as reported on the USGS Great Basin alteration information. As far as the Company is aware, there are no drill holes or mine workings in this rhyolite, except where the Company has discovered mineralization near surface.

The eastern portion of the new claims covers a shallow bowl-shaped area in unmineralized and weakly altered to unaltered volcanics. This is a potential waste rock disposal site for future open pit mining at Philadelphia. South of the new claims the rhyolites are significantly less altered.

Also, the Company has secured a long-term lease on the Resaca and Rising Fawn patented claims at the Philadelphia Project. These two claims cover a significant portion of the vein mineralization localized along approximately 850 metres of strike length of the Arabian fault within the two claims.

UNLOCKING THE POWER OF YOUR DATA

SourceOne[®] INDUSTRY PLATFORM

Mining Technologies*

Visit us at MINExpo booth N-528 www.eclipsemining.com







Quality Sample Bags

Our products are made to stand up to the challenges faced on-site with features that will help streamline your sampling process in the field and lab.

We offer custom sample bag requests:

- Custom barcode tags
- Custom sizes
- Custom closures

-1^{SI} QUALITY-**MINING GOODS & SUPPLIES** EST. 1897-SunsetMFG.com



SUNG ET APPAREL

We make you look good.

SUNSET-APPAREL.COM

(C) 801-414-9781 (0) 801-236-2136

MIKE@SUNSET-APPAREL.COM

 SCREEN PRINTING EMBROIDERY

 PROMOTIONAL PRODUCTS

A SUNSET-APPAREL.COM



SURREY, BC - Sierra Grande Minerals. has received the results for its previous soil geochemistry programs at its Glitra and Sat prospects in Western Nevada. A total of 1,805 soil geochemical samples were collected on the four westcentral Nevada properties, Glitra, Sat, Betty East, and B&C Springs, located in the northern part of the Walker Lane trend. The aim of the recently completed work at each property was to provide complete soil geochemical coverage via wide-spaced sampling (50 to 100 metres between samples along lines separated by 100 to

200 metres). The lines were oriented to cross known mineralized and/or altered trends at high angles, and preliminary analyses for gold pathfinder elements (e.g., As and Sb) along with base metals (e.g., Cu, Pb, Zn) were obtained through use of a portable XRF instrument while field work was underway. Further details regarding the location, access, infrastructure, previous work and geologic characteristics, along with results of due diligence rock geochemical sampling from the three properties.

At Glitra, a promising +1km north-northeast trending miner-

alized and altered zone with a pronounced epithermal Au-Ag-As-Hg signature, and ranging in width up to 150 to 200 metres, was identified: Consistently high gold-in-soil results along the NNE trend, including values of 1460, 1400, 987 and 718 ppb gold; A total of 467 samples collected, with 58 samples returning values > 100 ppb gold; and An additional 77 claims staked by Sierra along this NNE trend increasing the size of the Glitra property 5 fold.

At Sat, strong soil sampling results also appear to outline a north-northeast trending anomalous zone, or zones, with a pronounced Au-Hg-As-Ag signature that most likely follows structurally-controlled epithermal mineralized and altered zones: Highlighted gold-in-soil values along this trend include values of 905, 529 and 345 ppb gold; A total of 355 samples collected, with 31 samples returning values > 100 ppb gold; and An additional 19 claims were staked along this northnortheast trend, has roughly doubled the size of the Sat property.

President and CEO Sonny Janda, said, "The results from our soil sampling programs are very encouraging and demonstrate the potential for exciting new discoveries at Glitra/Sat. Follow up phase two exploration will include geologic mapping, ground IP and airborne magnetic surveys and, ultimately, first pass RC drilling to test the most prospective of these targets. Additionally we look forward to releasing the soil geochemistry results from our other two projects, B&C Springs and Betty East, as they become available."

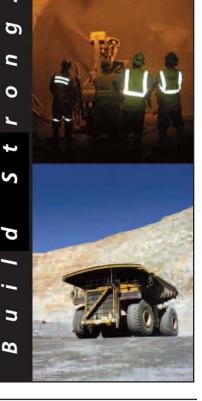
SEPTEMBER 2021

The company's address is Suite 210, 9648-128th Street, Surrey, BC V3T 2X9, (604) 357-4726.

EVELOPING YOUR G S ND GOALS. 0 n Atkinson Construction offers 8 a comprehensive range of project development and construction services for ť the mining industry. G E portfolio includes Our S extensive experience in underground development, 0 production mining, site preparation, and managen ment of operations. 8

S

R



350 Indiana Street, Suite 600 Golden, Colorado 80401 Ph: 303.985.1660 Fx: 303.985.1449 www.atkn.com





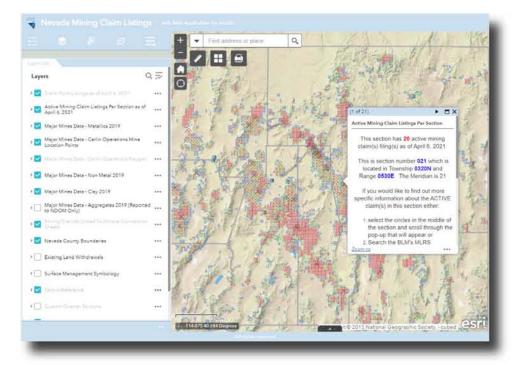


Nevada Division of Minerals: Mineral Exploration and Production Resources

The Nevada Commission on Mineral Resources, Division of Minerals' mission is to promote and assist in the responsible exploration for and production of minerals, oil, gas, and geothermal energy which are economically beneficial to the State. We collect and disseminate information on mineral exploration, production and other related topics, as well as provide for public safety by identifying and securing dangerous abandoned mines. We have a wide variety of resources helpful to individuals and companies interested in mineral resources.

Open Data Site: Interactive Visual Data

Mining claims, producers, land widthdrawals



https://data-ndom.opendata.arcgis.com/

Products available include:

- Current and historic mining claim information
- Current and historic BLM Notices and Plans
- Active mines and past producers
- Historic mining districts and related data
- Mining claims inferred to be for lithium brine
- Maps of areas withdrawn from mineral entry
- Sage-grouse habitat management areas
- Land ownership/management status overlays
- Interactive tours and educational videos

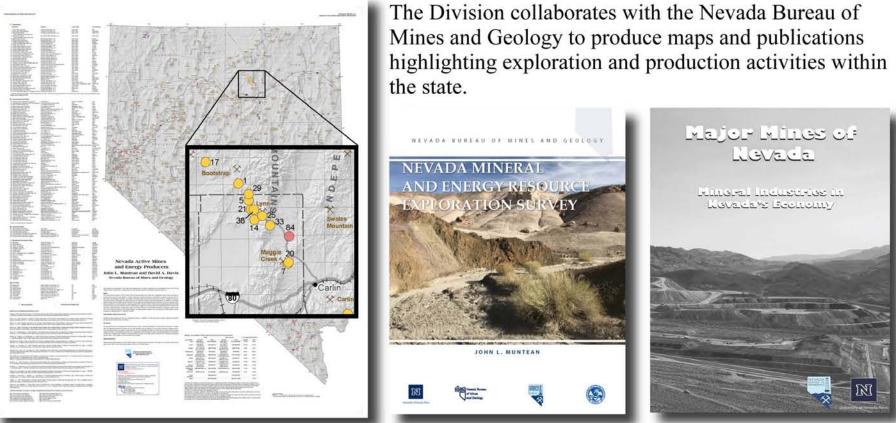
With information and data regularly updated, our open data site is designed so the user can interact with and download current maps and data.

Publications: Major Mines, Maps, Surveys

Mine location and production data, exploration survey



https://minerals.nv.gov/







Mining claim filing forms, guides and presentations; small-miner reclamation bond pool information; permits required before mining or milling; Excellence in Reclamation awards and much more! Visit the Nevada Division of Minerals website at minerals.nv.gov, or contact us by phone or email.

> Northern Nevada 400 W. King St. Ste. 106 Carson City, NV 89703 775-684-7040 ndom@minerals.nv.gov

Southern Nevada 375 E. Warm Springs Rd. Ste. 205 Las Vegas, NV 89119 702-486-4343 ndomlv@minerals.nv.gov



GOLD MINING INDUSTRY FORGES NEW INNOVATIVE PATHS TO GENERATE HIGHER YIELDS

NEW YORK, NY - After a lengthy rough patch, the gold industry is showing signs of revival thanks to record high gold prices last year. Many experts predict bigger cash flows for these gold companies in the near future. Gold Mining has traditionally been a more fragmented industry than other industries, wherein the top companies only control roughly 20% of the gold mining production. As such, companies are seeking to expand their production lines and profit margins. In this environment, many



gold mining companies like Kinross Gold Corporation, Barrick Gold Corporation, Newmont Corporation, and AngloGold Ashanti are looking to merge with technology companies like Sixth Wave Innovations Inc. to make their mining processes more efficient and increase future profit margins. As the mining industry as a whole aims to move to cleaner technologies, the gold mining industry is moving in a similar direction as well, and is seeking to collaborate with companies working to develop green alternative technology.

Sixth Wave Innovations Inc. is a nanotechnology company that has been at the forefront of these innovations. One of the main projects it has worked on following these agreements has been their IXOS tech used for gold extraction from cyanide and alternative lixiviants. Sixth Wave's IXOS testing system has been field and laboratory tested with mining customers in North American and South America who are either in production, developing greenfield sites, or assessing tailing projects including Kinross Gold Corporation.

In August, Sixth Wave Innovations signed a contract with Rio2 Limited for the continuation of testing of SIXW's patented IXOS® purification polymer technology at Rio2's Fenix Gold Project in Chile using Rio2's nearby Lince Infrastructure facilities. In July, Rio2 arranged a full finance package worth \$125-\$135 million to finance the construction of its 100%-owned Fenix Gold Project. The contract follows successful completion of testing done on representative samples of ore from Rio2's Fenix Gold Project at Sixth Wave's Salt Lake City facility following a Letter of Intent between Sixth Wave and Rio2 in September 2020. The testing, which is expected to start in Q4 2021, will include 50 days of on-site operation of the system under a variety of testing scenarios to validate IXOS performance and determine

additional details regarding the cost/benefit analysis.

Earlier this year, Sixth Wave also signed an LOI with Barry-Hollinger Gold Mine (BHGM) to test patented IXOS® purification and extraction polymer on gold bearing tailings samples at the BHGM site in Eastern Ontario. The ultimate goal of this partnership is the full-scale implementation of IXOS Mining tech following the BGHM program test results.

This endeavour could be highly profitable for Sixth Wave, since the BHGM site has recovered 80,000 ounces of gold and it is even estimated that the site contains over 200,000 tons of tailings that may even contain 16,000 ounces of gold.

"Sixth Wave is very interested in this project as a testbed for recovery of gold from tailings at BHGM and the potential to exploit and remediate tailings projects throughout the world," said Sixth Wave president and CEO John Gluckman. "Conducting initial testing will help to develop a well-focused test plan that will validate and extend current laboratory testing and help both companies make defensible, data driven decisions about next steps toward adoption."

Kinross Gold Corporation has recently made agreements with the Government of Mauritania at its Tasiast mining sites to further enhance its capabilities. Some of these agreements include fuel duty tax exemptions and a superior royalty structure that ties the domestic gold price to national legislation. The goal of this agreement is to further solidify the company's presence in the country, lower taxes, and thus increase revenue so it can work on their proposed expansion project.

Barrick Gold Corporation has reported massive gains in its second quarter sales of 1.07 million ounces of Gold and over 96 million ounces of copper along with production numbers around 1.04 million ounces of gold and 96 million ounces of copper. The company expects to increase these yields in the coming quarter, particularly in its mining projects in the Middle East, Africa, and Latin America, which have been doing better than its North American divisions.

Newmont Corporation's recently enhanced its portfolio after receiving approval from its Board of Directors to advance its Ahafo North project in Ghana's execution phase. According to the information, the project exceeds Newmont's required internal rate of return, adding profitable production from the best unmined gold deposit in West Africa. Projected capital costs are estimated to be between \$750 to \$850 million, with construction expected to be complete in the second half of 2023 and is expected to deliver more than a 30% internal rate of return (IRR) at current gold prices.

AngloGold Ashanti recently announced a non-binding proposal to acquire Corvus Gold. Anglo-Gold Ashanti currently holds a 19.5% indirect interest in Corvus. The combination of Corvus' and AngloGold Ashanti's Nevada assets would create one of the largest new gold districts in Nevada and offer AngloGold the opportunity to establish, in the medium and longer term, a meaningful, low-cost, long-life production base in a premier mining jurisdiction.

As the gold mining industry seeks to increase yields and production, Sixth Wave's IXOS tech may prove vital in the future. As an efficient testing system with higher gold yields, it may make future agreements with other gold mining companies looking to modernize their gold mining procedure. Also, as carbon footprints become all the more costly, its environmental low-carbon footprint may make their IXOS tech that much more attractive to more mining firms.

For more information contact: Email: info@financialnewsmedia.com, Tel: (561)325-8757.



For Information Contact: Raisebor (205) 945-1300 Fax: (205) 945-1441

email: mhardwick@raisebor.com www.raisebor.com

301 Industrial Drive Birmingham, AL 35211-4443

A Division of Cowin & Company Inc.

www.KnightPiesold.com

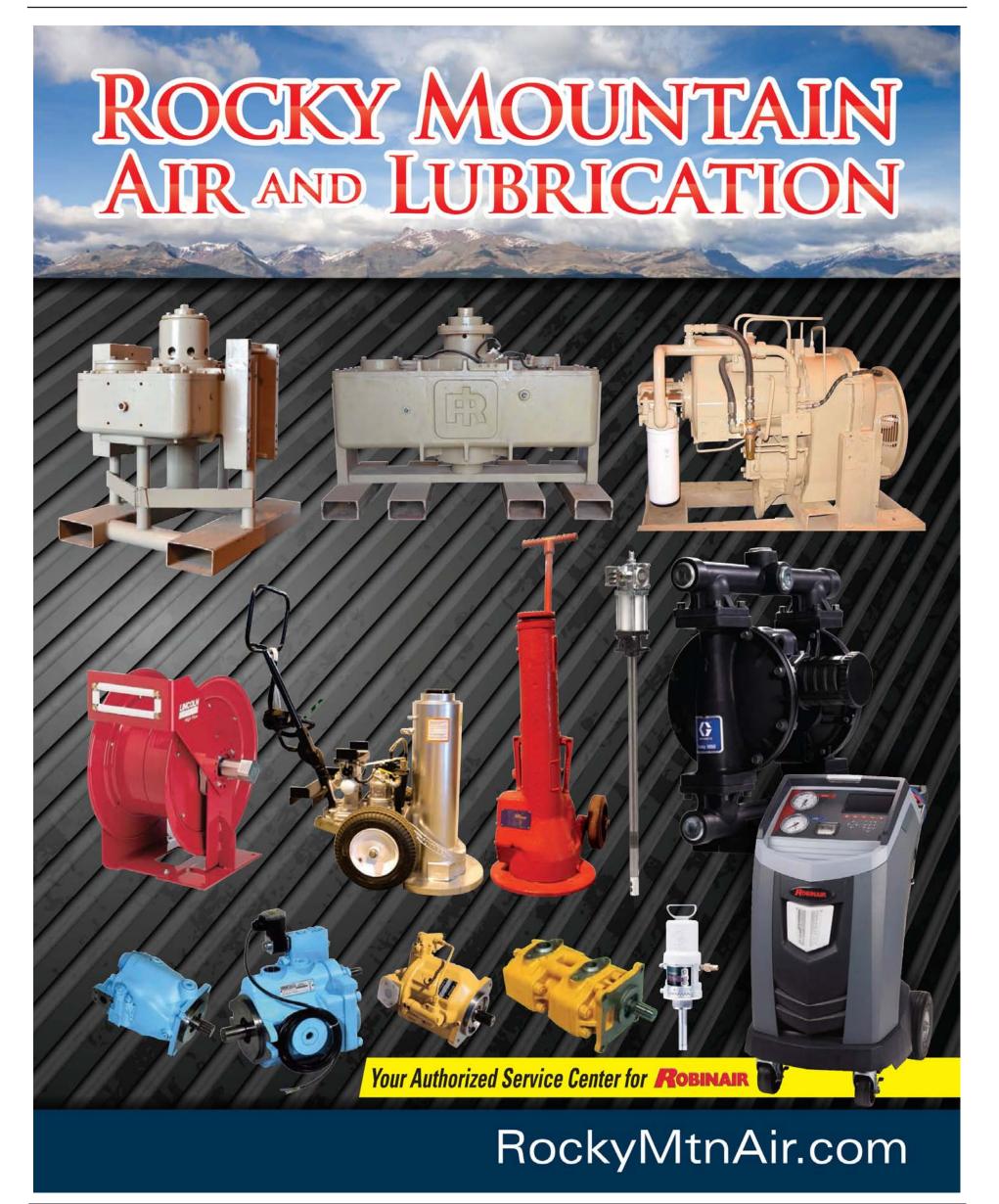


UTAH-IDAHO D-4 Discovery On Rangefront Target At The Black Pine

VANCOUVER - Liberty Gold Corp. announced the new D-4 gold discovery at the Rangefront target on its Black Pine Oxide Gold deposit in southeastern Idaho, immediately adjacent to the Utah/Idaho border, confirmed with the the first tranche of 2021 Reverse Circulation drill results. D-4 discovery drill holes LBP356 and LBP358 were drilled from the first site established in the new permit area targeting a 1,250 metre (m) gap in drilling along the four kilometre (km) long dominant mineralization trend at Black Pine. This large gap between two mineralized areas had seen no previous drilling due to the presence of shallow sandstone cover rocks that overlie the gold-host carbonate rocks. The two +100 grammetre oxide gold intercepts are spaced approximately 100 m apart and are characteristic of other high grade oxide gold zones across the property.

Cal Everett, President and CEO, said, "D-4 at Rangefront represents another game-changing discovery for Black Pine in a completely untested area of the property. With mineralization in the Discovery Zone trending southeast under sandstone cover, we believed the Rangefront area had potential to host the faulted-off, southern extension of the Black Pine gold system. While it is still early days, with the high-grade intervals in LBP356 and LBP358 and mineralization over a 400 m down-hole interval in LBP349, we have proof of concept that significant gold mineralization exists in the D-4 area. We are now aggressively drilling at D-4 and expect to continue through the remainder of the 2021 drill season. The D-4 discovery, along with new frontier discoveries at Rangefront Southwest and Upper F Zone continues to demonstrate the large-scale and robust nature of the oxide gold system at Black Pine, which remains relatively untested after only two years of concentrated drilling in the Discovery Zone."

The company's address is Suite 1900, 1055 West Hastings St., Vancouver, BC V6E 2E9.





Freeport-McMoRan Plans Remain On Target With 929

PHOENIX, AZ - Richard C. Adkerson, Chairman and Chief Executive Officer Of Freeport-McMoRan Inc. (FCX), said, "Our global team continues to execute our operating plans safely, efficiently and responsibly, providing strong cash flows and a solid foundation for future profitability and growth. During the first half of 2021, we reduced our net debt by \$2.7 billion and achieved our targeted net debt level, positioning us for increasing cash returns to shareholders and investments in future growth in accordance with our financial policy. As a leading responsible producer of copper, we are optimistic about the prospects for our business and our role in supporting a growing global economy and the transition to clean energy. We remain focused on building value for all stakeholders through solid management of our long-lived and high-quality portfolio of copper assets."

Second-quarter 2021 copper sales of 929 million pounds and gold sales of 305 thousand ounces were approximately 5 percent and 8 percent lower, respectively, than the April 2021 estimates of 975 million pounds of copper and 330 thousand ounces of gold, primarily reflecting the timing of shipments from Indonesia. The copper sales were 22 percent higher and gold sales were 66 percent higher than second-quarter 2020 sales of 759 million pounds of copper and 184 thousand ounces of gold, primarily reflecting continued progress of the ramp-up of underground mining at PT-FI and increased operating rates at Cerro Verde.

The Second-quarter 2021

molybdenum sales of 22 million pounds approximated the April 2021 estimate. Second-quarter 2021 molybdenum sales were higher than second-quarter 2020 sales of 18 million pounds of molybdenum, primarily reflecting increased demand and timing of shipments. Consolidated sales volumes for the year 2021 are expected to approximate 3.85 billion pounds of copper, 1.3 million ounces of gold and 86 million pounds of molybdenum, including 1.035 billion pounds of copper, 360 thousand ounces of gold and 21 million pounds of molybdenum in third-quarter 2021.

Projected sales volumes are dependent on operational performance, continued progress of the ramp-up of underground mining at PT-FI, impacts and duration of the COVID-19 pandemic, weather-related conditions, timing of shipments, and other factors.

The Company operates seven open-pit copper mines in North America - Morenci, Bagdad, Safford (including Lone Star), Sierrita and Miami in Arizona, and Chino and Tyrone in New Mexico. In addition to copper, certain of these mines produce molybdenum concentrate, gold and silver. All of the North America mining operations are wholly owned, except Morenci. FCX records its 72 percent undivided joint venture interest in Morenci using the proportionate consolidation method. The North America operating sites continue to achieve strong execution of operating plans. FCX successfully completed the initial development of the Lone Star copper leach project in the second half of 2020 and achieved design capacity approximating 200 million pounds annually. Current operations are exceeding the initial design. FCX continues to advance opportunities to increase Lone Star operating rates and is evaluating a potential additional incremental oxide expansion to increase volumes to over 300 million pounds of copper per year. The oxide project advances the opportunity for development of the large-scale sulfide resources at Lone Star. FCX's consolidated copper sales volumes from North America of 389 million pounds in secondquarter 2021 were higher than second-quarter 2020 copper sales volumes of 368 million pounds, primarily reflecting timing of shipments. North America copper sales are estimated to approximate 1.47 billion pounds for the year 2021, compared with 1.4 billion pounds for the year 2020.

The two copper mines in South America - Cerro Verde in Peru (in which FCX owns a 53.56 percent interest) and El Abra in Chile (in which FCX owns a 51 percent interest), are consolidated in FCX's financial statements. In addition to copper, the Cerro Verde mine produces molybdenum concentrate and silver. During second-quarter 2021, milling rates at Cerro Verde's concentrator facilities were slightly above forecast and averaged 374,100 metric tons of ore per day. Cerro Verde expects milling rates to return to pre-COVID-19 pandemic levels of approximately 400,000 metric tons of ore per day in 2022. El Abra is implementing

plans to increase operating rates to pre-COVID-19 pandemic levels, subject to ongoing monitoring of public health conditions in Chile. Stacking rates at El Abra averaged 94,200 metric tons per day in second-quarter 2021, approximately 25 percent higher than secondquarter 2020. Increased stacking rates are expected to result in incremental annual production of approximately 70 million pounds of copper beginning in mid-2022, compared with 2020 levels. A new leach pad is under construction to accommodate planned stacking rates for the next several years.

FCX continues to evaluate a large-scale expansion at El Abra to process additional sulfide material and to achieve higher copper recoveries. El Abra's large sulfide resource could potentially support a major mill project similar to facilities constructed at Cerro Verde in 2015. Technical and economic studies continue to be evaluated to determine the optimal scope and timing for the sulfide project. FCX is monitoring potential changes in government fiscal matters in Chile and will defer major investment decisions pending clarity on these matters

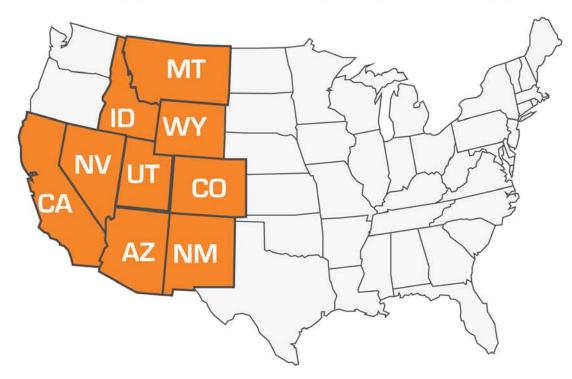
FCX consolidated copper sales volumes from South America of 230 million pounds in secondquarter 2021 were higher than second-quarter 2020 copper sales volumes of 219 million pounds, primarily reflecting higher milling rates at Cerro Verde, partly offset by timing of shipments.

Copper sales from South America mining are expected to approximate 1.05 billion pounds for the year 2021, slightly higher than the year 2020.

PT-FI operates one of the world's largest copper and gold mines at the Grasberg minerals district in Papua, Indonesia. PT-FI produces copper concentrate that contains significant quantities of gold and silver. FCX has a 48.76 percent ownership interest in PT-FI and manages its mining operations. Under the terms of the shareholders agreement, FCX's economic interest in PT-FI approximates 81 percent through 2022. PT- FI's results are consolidated in FCX's financial statements. PT-FI continues to operate with protocols designed to protect the health and safety of its workforce during the COVID-19 pandemic. During second-quarter 2021, PT-FI began to administer vaccines to its workforce and expects this program to accelerate through the second half of 2021. Following an increase in COVID-19 cases in Indonesia, PT-FI has recently reinstituted heightened protocols and travel restrictions to protect the health of its workforce and the surrounding community. Operating and Development Activities. The ramp-up of underground production at the Grasberg minerals district in Indonesia continues to advance on schedule. Second-quarter 2021 highlights include: Production approximated 78 percent of the projected ultimate annualized level and is expected to reach 100 percent by year-end 2021; A total of 41 new drawbells were constructed at the Grasberg Block Cave and Deep Mill Level Zone (DMLZ) underground mines, bringing cumulative open drawbells to over 460;

CONSTRUCTION

Specializing in Mining, Mineral and Industrial Construction Services



Administration Buildings
 SX-EW Buildings
 Mine Dry Rooms
 Control Rooms
 MCC Buildings
 Outage and Turn Around Work

- Truck Shops
 Filter Press Buildings
 VCIC's
 Truck Washes
 Core Processing and Storage
 Warehouses
- Bulk Fluid Containment and Dispensing
 Acid Unloading and Storage
 Concentrator Storage and Unloading
 Bulk Material Loading and Unloading
 Emergency Repairs
 Vehicle Maintenance Facilities

agateconstructioninc.com



Million Pounds Of Copper Sales In The Second Quarter

and Combined average production from the Grasberg Block Cave and DMLZ underground mines approximated 118,300 metric tons of ore per day. During secondquarter 2021, Grasberg Block Cave achieved a daily record of 107,000 metric tons of ore per day.

The successful completion of this ramp up is expected to enable PT-FI to generate average annual production of 1.55 billion pounds of copper and 1.6 million ounces of gold for the next several years at an attractive unit net cash cost, providing significant margins and cash flows. PT-FI expects production for the year 2021 to approximate 1.3 billion pounds of copper and 1.3 million ounces of gold, nearly double 2020 levels.

During 2020, PT-FI notified the Indonesia government of schedule delays resulting from the COVID-19 pandemic and continues to review with the government a revised schedule for the project.

To fulfill its obligation for new domestic smelter capacity in Indonesia, PT-FI is planning the following: Expansion of annual capacity at PT Smelting (PT-FI's 39.5-percent owned copper smelter and refinery in Gresik, Indonesia) by 300,000 metric tons of concentrate, a 30 percent increase. PT-FI is advancing agreements with the majority owner of PT Smelting to implement the expansion plans with a target completion date of year-end 2023. PT-FI would fund the cost of the expansion, estimated to approximate \$250 million, and

FOREMOST

increase its ownership in PT Henderson and Climax mines, Smelting to a majority ownership interest; Construction of a new greenfield smelter in Gresik, Indonesia with a capacity to process approximately 1.7 million metric tons of concentrate per year. In July 2021, PT-FI awarded a construction contract to Chivoda with an estimated cost of \$2.8 billion. The smelter construction is expected to be completed as soon as feasible in 2024, which is dependent on no further pandemic-related disruptions, and construction of a precious metals refinery to process gold and silver from PT Smelting and the new greenfield smelter in Gresik, at an estimated cost of \$250 million.

PT-FI has recently entered into a \$1 billion, five-year, unsecured bank credit facility to advance these projects. Additional debt financing is being planned to fund the projects with the cost of all such debt shared 49 percent by FCX and 51 percent by PT Inalum. Construction of the new smelter capacity would result in the elimination of export duties, providing an offset to the economic cost associated with the smelter development.

The molybdenum mines in Colorado, Henderson underground mine and the Climax open-pit mine produce high-purity, chemical-grade molybdenum concentrate, which is typically further processed into value-added molybdenum chemical products. The majority of the molybdenum concentrate produced at the as well as from FCX's North America and South America copper mines, is processed at FCX's conversion facilities. Production from the molybdenum mines of 7 million pounds of molybdenum in second-quarter 2021 was slightly higher than production of 6 million pounds of molybdenum in second-quarter 2020.

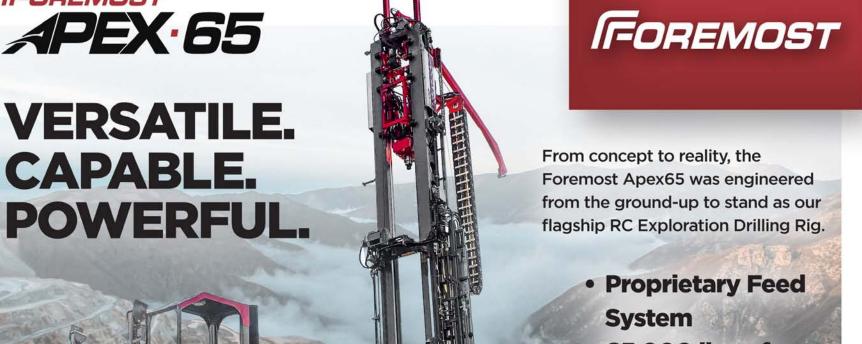
The Company's mining exploration activities are generally associated with its existing mines, focusing on opportunities to expand reserves and resources to support development of additional future production capacity. Exploration results continue to indicate opportunities for significant future potential reserve additions in North America and South America. Exploration expenditures for the year 2021 are expected to approximate \$60 million. FCX has long-lived reserves and a significant resource position in its existing portfolio.

In June FCX commenced the Copper Mark assessment process at five additional operating sites, including Bagdad, Chino, Tyrone, Safford and Sierrita. Each of these sites will complete an external assurance process to assess conformance with the Copper Mark's 32 ESG requirements, with a goal of being awarded the Copper Mark. The Copper Mark is a robust assurance framework that demonstrates the copper industry's responsible production practices and contribution to the United Nations Sustainable Development

Goals. To date, FCX has six sites that have achieved the Copper Mark (the Morenci operations, Miami smelter and mine, and El Paso refinery in North America: Cerro Verde and El Abra mines in

South America; and Atlantic Copper smelter and refinery in Spain). FCX has future plans to validate all of its copper producing sites with the Copper Mark requirements.





65,000 lbs. of pullback **Tracked or Chassis** Configuration



Visit us at Booth #3033 To learn more, visit foremost.ca

or call 1.800.661.9190 (Canada/U.S.A.) 1.403.295.5800 (Worldwide)



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

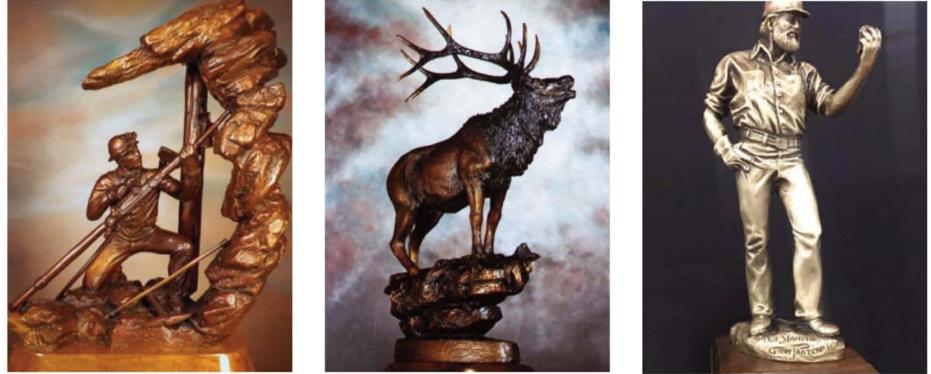
Original Creations, Inc. is family-owned and operated right here in Helper, UT. Since our company opened in 1980, we've treated every customer like they matter. Other companies may offer similar services, but our services come with a personal touch.

Celebrating **41 Years** in business



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







original-creations.com

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



Permitting Is Advancing At The Mohave Gold Project

VANCOUVER - Black Mountain Gold USA Corp. (BMG) reported on the progress with permitting at its Mohave Gold Project in Mohave County, Arizona. It is advancing permitting to facilitate its Exploration Plan of Operation (EPO) which includes rehabilitation of historic access roads as well as additional road construction and up to 600 drill sites. BMG reported that the Bureau of Land Management (BLM) has deemed the EPO complete and approved the additional environmental baseline studies conducted allowing BMG to proceed to the Environmental Assessment (EA) stage of permitting for the EPO.

Graham Harris, CEO and Director, said, "We are very pleased to have passed this significant milestone for our Mohave Gold Project. We look forward to working closely with our consultants, Great Basin Environmental and McGinley & Associates, in conjunction with BLM to complete the EA study and advance to the next phase of the project."

The claims at the Mohave Gold Project are on federal land and administered by the Bureau of Land Management (BLM). The Company's Exploration Plan of Operation (EPO) was initiated by M3 Metals and was presented to the Bureau of Land Management (BLM) in 2020. Initial review of the EPO by BLM indicated that additional baseline studies over the project area were required including a Class III cultural study, a viewshed analysis, biological re-sources and wildlife

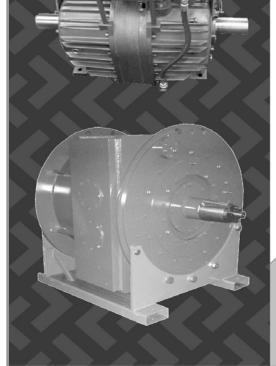
analysis, a geohydrologic study, and a noise assessment related to bat roosting sites. BMG engaged Great Basin Environmental Services LLC and McGinley & Associates Inc. to manage the

permitting process and complete the environmental baseline studies. BLM has now formally indicated the EPO is complete and the environmental baseline studies are sufficient to initiate the EA. McGinley has been contracted by the Company to undertake the EA report under the supervision and guidance of BLM. Ongoing exploration activities at the Mohave Gold Project include additional

rock chip sampling on the southern half of the claim block and a ground geophysics survey (IP) covering the northern prospects to aid the identification of buried targets for drill testing.



ELIMINATE "BRAKE" MAINTENANCE GO OIL SHEAR TECHNOLOGY They're Different—They're Better—They Save Money The benefits of Oil Shear Technology **Totally Enclosed Sealed Design** 5 to 10 Times Longer Life No Adjustment-Ever! **No Regular Maintenance* No Torque Fade Higher Cycle Rates**



SEPTEMBER 13-15, 2021 LAS VEGAS, NEVADA, USA

Booth #25108-S

Call 800-829-3244

www.forcecontrol.com

FORCE CONTROL INDUSTRIES, INC. Fairfield, OHIO USA Ph: 513-868-0900 Email: info@forcecontrol.com

Manufactured in the USA–Used Worldwide–Since 1969

- **Ouick Response** •
- **Reduced Down Time**
- **Operational Cost Savings**
- **Increased Safety**

*Annual fluid change recommended for maximum performance and life.





DENVER, CO - Frederick H. Earnest, President and Chief Executive Officer of Vista Gold Corp. reported, "At Mt Todd, we have advanced and de-risked the Project and with the approval of the Mining Management Plan (the last of the major permits for the project). We have aligned our current activities to support an accretive strategy for its development."

The Mt Todd gold project located in Northern Territory, Australia. In July, Vista commenced the engineering work to complete a definitive feasibility study (DFS). The work being completed complements and builds on the extensive amount of engineering previously completed, with confidence that the process flowsheet is now well defined. The Company is finalizing of the engineering in the process plant and completing work for the minor areas not previously completed to feasibility-level standards, which include piping, electrical, and instrumentation. The mine plan is being updated using a gold price more reflective of the current gold price. This change is expected to increase gold reserves and extend the mine life. Engineering studies to evaluate autonomous truck haulage and trade-off studies to assess the potential benefits of contract mining and a third-party owner/operator of the power plant is being completed. The DFS is on sched-



ule and expected to be completed in the first quarter of 2022.

The second phase of drilling, which included 18 holes and approximately 6,000 meters, has been completed. Holes announced to date have successfully identified several gold-bearing structures that connect the Batman pit and the Golf-Tollis deposit. Assays for the final two holes of this phase, VB21-012 and VB21-013, are expected soon. The third phase of drilling, totaling an additional 3,000 meters, has commenced and is expected to continue through year end. The purpose of the current drill program is to identify areas where future infill drilling will have the greatest potential to add resource ounces close to the Batman deposit.

Management continues to engage with several companies in technical assessments and earlystage discussions for the development of Mt Todd, but the process has been slowed by COVID-related travel restrictions. Vista is monitoring Australia's progress as the country advances toward reopening its international borders. This delay provides a window to complete the DFS.

GOLDEN TRIANGLE Drill Results Show Significant Potential At Monarch Au Zone

VANCOUVER - P2 Gold Inc. reported on the first three holes drilled to test the newly-discovered Monarch Gold Zone at its BAM Property located in the Golden Triangle in northwest British Columbia.

"BAM delivered out of the gate with excellent results from the first drill holes into the newly discovered Monarch Gold Zone," said, Joe Ovsenek, President and CEO. "Drill results correlate well with the soil geochemical sampling results from 2020. Drilling, combined with results from 2020 and 2021 mapping, sampling, geophysics and soil geochemical sampling, demonstrate the potential for the Monarch Gold Zone to be a significant gold discovery."

Drill results from the first three drill holes, BAM-001, 002, and 003, include: Hole BAM-001 intersected 0.62 g/t gold over 50.75 meters, including 9.75 meters grading 1.11 g/t gold; and Hole BAM-003 intersected 2.63 g/t gold over 45.85 meters, including 9.20 meters grading 7.30 g/t gold.

BAM-003 is located approximately 320 meters northwest of BAM-001, with BAM-002 located approximately 220 meters southeast of BAM-001.

The BAM 2021 Drill Program consisted of six holes totaling 835.9 meters. The Monarch Gold Zone was tested with drill holes BAM-001, 002, 003, and 005, which were targeted on coincident IP chargeability anomalies with highly anomalous gold in soil values of up to 5.7 grams per tonne. The Jan Copper Zone was tested with drill holes BAM-004 and 006, which were targeted on soil geochemistry with values in excess of 1% copper and surface showings. Results for holes BAM-004, 005 and 006 will be reported upon receipt.

Silver Strand Mine Rehabilitation Work And Drill Campaign

VANCOU-

VER - Lakewood Exploration Inc. has engaged Coeur d'Alene Mining Contract-ors to perform minor rehabilitation work ahead of a Phase I drill campaign at the Silver Strand Mine in the Coeur d'Alene mining district of Idaho.

The contractor will bring the mine into United State Mine Safety and Health Administration (MSHA) compliance, complete rehabilitation works, develop 45 feet of underground drift and open up a 15-foot by 15-foot drilling bay to allow for an underground exploration drill to efficiently and more accurately test the potential orebody and its depth potential.

The Company is on track to commence its Phase I, 2500-3000 metre drill program at Silver Strand before the end of the third quarter, which will include both underground and surface core drilling.



PRECISION AIR CARGO

WE DELIVER 24 HOURS A DAY; 7 DAYS A WEEK; 365 DAYS A YEAR (INCL. ALL HOLIDAYS) 800-842-7472

SAME DAY NEXT DAY HOT SHOT Expedited Trucking Fast Truck LTL Air Charter Your Nationwide Expedited Cargo Professionals

RECISION

PRECISION AIR CARGO

With office locations in Denver, CO., Peoria, IL., and Salt Lake City, UT.

WHEN YOU NEED IT NOW, CALL PRECISION

CONSIDER THE PRECISION ADVANTAGES:

1 have

- Emergency Air Services Including "Next Flight Out"
- Our Team is Available 24/7, 365 Including All Holidays
- Complete Nationwide Door-to-Door and Door-Airport
- Online Shipment Arrangement, Tracking, and Reporting with Real Time Results
- Servicing the Entire U.S. (Including Alaska & Hawaii) and Canada
- National Air Cargo / Logistic Support Services
- Immediate Dispatch for Pick-Up of Cargo
- Delivery Any Time of the Day/Night, Any Day of the Week (Including Holidays)
- Dedicated Vans, Straight Trucks, Flatbeds, Lowboys, etc. **Precision Moves the "Uglier" Freight That Most Carriers Won't Touch.

Precision Air Cargo offers a service...not a system. With our variety of options, we'll meet all your delivery deadlines regardless of your industry or type of freight. We are dedicated to keeping our customers informed about the status of their shipment; offering several shipping options that will get the freight delivered on time at a fair and reasonable price. Our team is available when you need us - 24 hours a day, 7 days a week. We can service any destination in the 48 contiguous United States, Alaska, Hawaii, and Canada.



800-842-7472 • 303-576-0020 operations@precisionaircargo.com

general@precisionaircargo.com www.precisionaircargo.com

DISCOVER THE PRECISION DIFFERENCE



32 Years of Personalized Logistic Services





Providing environmental permitting and compliance services to the mining and exploration industries



General Services:

Permits Environmental Assessments Biological Resource Services Archaeological Services Alr Quality Water Quality Sampling

TRI, Audit, and Site Assessments Environmental Compliance/RCRA GIS and Mapping Services

Reno: (775) 826-8822 | Elko: (775) 753-9496 www.emstrats.com | info@emstrats.com

BEL-RAY[®] Synthetic Gear Oil 680 For Use in High Horsepower Off Road Mine Haulage Units Latest lube technology for Electric Wheel Motor Planetary Gears in Mine Haulage Units

Bel-Ray lubricant formulations have taken advantage of the latest technological advancements in lubrication and additive technology to provide cutting edge solutions throughout the mining industry.

Today's mining leaders need large payload and increased production from their haulage units and have in turn, forced the OEM electric traction motors used in these mining and rail haulage equipment to operate at or above design parameters. High Dynamic Loads, extreme heat, and increased speeds exemplify the need for high performing, shear stable synthetic lubricants that provide the essential long- life asset protection and optimal Total Cost of Ownership. Bel-Ray's 680 Synthetic Gear Oil provides that very solution.

Recent test results indicate excellent oil stability and protection at well over 4800 operating hours resulting in exceptional performance with notable residual oil life. The trial included increased drain intervals for the wheel motor planetary gear sets, and in turn resulted in additional run time during the year, reduced lubricant usage and facilitated responsible waste stream and carbon footprint management. Used oil analysis data, at 4813 operating hours, indicated wear particulate elements remained well below threshold limit (ASTM 5185),

Your Safety on the Job Deserves SLABBER'S Advantages!

> Over Four Decades Of Service!

With maximum strength-minimum weight. Rock Tools SLABBER provides extra muscle for tackling your toughest scaling jobs:

- Scaling of hazardous banks in pit or quarry
- Barring down back, face or ribs in mine or tunnel
- Kiln brick removal
- Furnace build-up removal
- Right-of-way maintenance along railways
- Trenching in underground utility construction

Total Acid Number showed minimal change (ASTM D664), EP protection (ASTM D3233B), and 4 Ball Wear Index (ASTM D4172) also well within condemning levels. Data was collected on these traction motors were all operating in similar conditions on extremely challenging haulage profiles.

Years of field testing on challenging applications have been successfully addressed by the Bel-Ray Research and Development department. This results in comprehensive solutions for the mining industry with superior premium grade lubricants and unmatched technical support throughout the project life. **OEM's have recognized the value of Bel-Ray products with approvals through mining leaders such as GE, Komatsu, Flanders, and others.**

Optimized Overall Cost of Ownership

Bel-Ray specialty products are developed with Total Cost of Ownership and system reliability in mind. Maximizing lubricant change intervals with products that provide extremely high film strength and viscosity index while maintaining adequate film thickness are fundamental in equipment protection. **Bel-Ray Synthetic Gear Oil 680** does just that in extreme conditions.

Bel-Ray's reliability centered solutions and failure mitigation management strategies targeting lubrication related failure modes provide a complete solution; ensuring the right product for the application along with complete "Supportability" program analysis to ensure an optimized return on investment and a sustainable program.

Bel-Ray[®] Industrial Lubricants – Technology Focused and Reliability Driven

Over the last 75 years, Bel-Ray continues to be a premium supplier of specialty industrial lubricants in the mining and heavy construction industry with focus on optimizing Operational Availability, Overall Equipment Effectiveness (OEE) and System Reliability Worldwide. Bel-Ray's technical teams offer years of highly advanced formulation science that continues to provide asset intensive industries with its diverse line of products that provide unprecedented protection. Bel-Ray's research and development team of innovative scientists, highly experienced engineers and technicians are committed providing industry leading solutions.

SLABBER® IS HERE!

THE FIBER GLASS SCALING BAR

REPLACEABLE POINTS

Hardened Steel

LIGHTWEIGHT



Contact us for full details on SLABBER.®

(801) 328-3733

ROCK TOOLS, INC. P.O. BOX 58196 SALT LAKE CITY, UT 84158 Let Bel-Ray be part of your Reliability Journey and Success.



www.belray.com

CONTINUED FROM PAGE 1 Global Exploration Delivers Substantial Reserve Gains

The agreement comes after more than a year of engagement with the communities that would be directly or indirectly affected by the proposed facility and is an important step towards starting fieldwork and advancing the permitting process. The independent investigation will run in parallel with Barrick's own land acquisition and environmental studies. The Company has also started work on a local agribusiness development which will be integrated into the tailings facility and create a further benefit for the community. The mine life extension and plant expansion project, which will require an initial investment of approximately \$1.3 billion, has the potential to allow Pueblo Viejo to convert approximately 9 million ounces of measured and indicated resources to proven and probable reserves. With the project, Pueblo Viejo's total economic contribution to the Dominican government in direct and indirect taxes is expected to be over \$9 billion from the beginning of commercial production in 2013 through the extended life of mine beyond 2040.

Bristow said, "Exploration is uncovering new satellites and extensions to existing deposits, and the North America and Africa & Middle East regions are likely to more than replace reserves after mining depletion this year with the completion of the Goldrush underground feasibility study and progress at Loulo-Gounkoto, Kibali and the Tanzanian operations. At the same time, our greenfields exploration programs are evaluating new targets with standalone potential away from our mines as well as investigating new regions and third-party projects with the potential to meet our investment criteria. So far this year, The Company has expanded its global footprint through investments in prospective new properties in Nevada, Tanzania, Egypt, Guyana and Japan.

After a strong start in the first quarter of 2021, the Kibali gold

Work Commences To **Open Upper Portal** At Center Star Mine

WALLACE, ID - Magellan Gold Corporation has commenced reopening the upper portal at its flagship Center Star Gold Mine project in Idaho.

"We are anxious to get the

mine, in the Democratic Republic of Congo, remains on track at the halfway mark of the year to achieve its annual production guidance. Thanks to an aggressive near-mine exploration program, Kibali was continuing to replace its reserves faster than it was mining them, and now had a resource base approaching the 2013 levels when the mine first went into production. This means that Kibali should be able to sustain its production rate well beyond the 10-year timetable in its current business plan, thus continuing to create economic benefits for its stakeholders in a region where its presence has already had a profoundly positive impact.

Since the development of Kibali started, it has pumped \$3.6 billion into the DRC economy in the form of taxes, salaries, payments to local suppliers, and tangible contributions to the infrastructure. In the year to date alone it has paid \$73.8 million to local

of giving preference to Congolese contractors and suppliers.

It also prioritizes local employment, and of 5,341 employees and contractors who were on site the end of June, 94% were Congolese nationals.

In Cote d'Ivoire, south of Mali border, significant exploration successes could extend the Tongon gold mine's life. Ten years after it went into production Tongon could get a new lease on life thanks to promising results from near-mine exploration campaigns designed to replace the mine's depleted reserves. In addition to work on the promising Seydou North and Tongon West targets, Tongon has filed the documentation for the extension of its Nielle mining licence by a further 10 years, to support the drive to add to its Life of Mine."

Through its predecessor Randgold Resources, Barrick had been

businesses, in line with its policy Côte d'Ivoire through the country's many challenges and development stages.

> Barrick has entered into an agreement with the government of Mali to assume responsibility for the rehabilitation of the neglected Fina Reserve. Classified as a biosphere reserve by UNESCO in 1982, Fina has since suffered from under-investment and mismanagement.

> The area covers 136.000 hectares and the Company is investing \$5 million over the next five years to establish anti-poaching programs and rehabilitate the reserve. An expert NGO, Bios, has been appointed to manage the park, and public awareness meetings have been held in 54 villages around the reserve.

Months of negotiation between Nevada Gold Mines (NGM), Nevada Mining Association and state legislators have resulted in the enacting of a new investing in and partnering with mining excise tax, the revenue from which will be applied to education.

Chief Operating Officer for North America, Catherine Raw, said, "This outcome, the product of strong representations by NGM in particular, had averted the imposition of swingeing new taxes on Nevada's mining industry while at the same time creating a new and much-needed revenue stream for the state's education system. The latter was closely aligned to Barrick's and NGM's commitment to supporting education."

Barrick has gold and copper mining operations and projects in 13 countries in North and South America, Africa, Papua New Guinea and Saudi Arabia. Our diversified portfolio spans many of the world's prolific gold districts and is focused on high-margin, long-life assets.

The company's address is 161 Bay Street, Toronto, Ontario M5J 2S1, (416) 861-9911.

SAVE THE DATE

LEARN | DISCOVER | CONNECT

MINE CHANGE **2022 SME ANNUAL CONFERENCE & EXPO** FEBRUARY 27 - MARCH 2, 2022, SALT LAKE CITY, UT

upper portal opened to get ac-cess to two veins noted in prior geological reports in which two unknown veins were intersected while driving the drift," said Mike Lavigne, President. "With the upper portal and main portals open we will be able to work from both the intermediate level and the main level of the mine, providing us a much better platform for future exploration and development."

Crosscut work previously discovered two previously unknown veins at the intermediate level, one vein assayed 1.09 oz/ton and the second vein assayed 2.75 oz/ton. In addition to providing access to these veins, the reopening of the upper portal will eventually allow for a secondary opening route from the mine as the Company proceeds with additional exploration and development.





DENVER, CO Newmont Corporation, President and Chief Executive Officer, Tom Palmer, said, "Throughout our history Newmont has taken an industryleading approach to environmental, social and governance practices. We published our sustainability and climate-focused reports in the second quarter, demonstrating our commitment to responsible mining and doing our part in addressing climate change. Capitalizing on the strength of our assets and integrated operating model, Newmont delivered a solid second quarter performance with \$1.6 billion in adjusted EBITDA and \$578 million in free cash flow. Our performance and disciplined approach to capital allocation allowed Newmont to declare a second quarter dividend whilst we continue to reinvest in our business through our most profitable projects. As we move into our next 100 years of mining, we remain focused on delivering value to all of our stakeholders from our world-class portfolio of long-life, responsibly managed

assets located in top-tier jurisdictions."

Attributable gold production increased 15 percent to 1,449 thousand ounces from the prior year quarter primarily due to higher production from sites that were placed into care and maintenance or experienced reduced operations in response to Covid during 2020, and higher ore grade milled and higher mill throughput at Boddington. These increases were partially offset by lower mill availability and lower tons and grades mined at Nevada Gold Mines, the ramp down of the mill at Yanacocha during the first quarter of 2021 and a build-up of in-circuit inventory at Tanami as the mine was placed under care and maintenance in late-June as a result of Covid restrictions. Attributable gold equivalent ounce (GEO) production from other metals increased 120 percent to 303 thousand ounces primarily due to higher production at Peñasquito as the site was placed into care and maintenance in the prior year and higher ore grade milled, mill throughput and recoveries at Boddington. CAS from other metals totaled \$190 million for the quarter. CAS per GEO increased 13 percent from the prior year quarter primarily due to higher maintenance costs at Peñasquito, unfavorable foreign currency impacts from the strengthening of the Australian dollar, higher allocation of costs to other metals and higher copper-price driven royalties, partially offset by higher other metal sales. AISC per GEO improved 9 percent primarily due to lower treatment and refining costs and higher care and maintenance costs in the prior year, partially offset by higher CAS per GEO.

Net income from continuing operations attributable to Newmont stockholders was \$640 million, an increase of \$228 million from the prior year quarter primarily due to higher sales volumes and higher average realized prices in the current year. Adjusted net income was \$670 million compared to \$261 million in the prior year quarter. Primary adjustments to second quarter net income include changes in the fair value of investments, reclamation and remediation charges, asset impairment and valuation allowance and other tax adjustments.

The Company's capital-efficient project pipeline supports improving production, lowering costs and extending mine life. Funding for the current development capital projects Tanami Expansion 2 and Ahafo North has been approved and these projects are in the execution stage.

Newmont has included the Yanacocha Sulfides project in its long-term outlook as the project is currently scheduled to be approved for full funding in December 2021. Additional sustaining and development projects, not listed below, represent incremental improvements to the Company's outlook.

The Tanami Expansion 2 in Australia, secures Tanami's future as a long-life, low-cost producer with potential to extend mine life beyond 2040 through lion tonnes per year of production and provide a platform for future growth. The expansion is expected to increase average annual gold production by approximately 150,000 to 200,000 ounces per year for the first five years and is expected to reduce operating costs by approximately 10 percent. Capital costs for the project are estimated to be between \$850 million and \$950 million with a commercial production date in the first half of 2024. The Ahafo North, in Africa is

the addition of a 1,460 meter

hoisting shaft and supporting

infrastructure to achieve 3.5 mil-

SEPTEMBER 2021

currently expanding the existing footprint in Ghana with four open pit mines and a stand-alone mill located approximately 30 kilometers from the Ahafo South operations. The project is expected to add between 275,000 and 325,000 ounces per year with allin sustaining costs between \$600 to \$700 per ounce for the first five full years of production (2024-2028). Capital costs for the project are estimated to be between \$750 and \$850 million with a construction completion date in the second half of 2023 and commercial production in early-2024. Ahafo North is the best unmined gold deposit in West Africa with approximately 3.5 million ounces of Reserves and more than 1 million ounces of Measured and Indicated and Inferred Resource and significant upside potential to extend beyond Ahafo North's current 13-year mine life.

Yanacocha Sulfides, South America, will develop the first phase of sulfide deposits and an integrated processing circuit, including an autoclave to process gold, copper and silver feedstock. The project is expected to add 500,000 gold equivalent ounces per year with all-in sustaining costs between \$700 to \$800 per ounce for the first five full years of production (2026-2030). An investment decision is expected in December 2021 with a three year development period and estimated capital costs of approximately \$2 billion. The first phase focuses on developing the Yanacocha Verde and Chaquicocha deposits to extend Yanacocha's operations beyond 2040 with second and third phases having the potential to extend life for multiple decades.

Newmont continues to maintain wide-ranging protective measures for its workforce and neighboring communities, including screening, physical distancing, deep cleaning and avoiding exposure for at-risk individuals. The Company incurred incremental Covid specific costs of \$20 million during the quarter for activities such as additional health and safety procedures, increased transportation and community fund contributions. During the second quarter of 2020, the Newmont Global Community Support Fund was established to help host communities, governments and employees combat the Covid pandemic. Amounts distributed from this fund were \$1 million during the quarter and have been adjusted from certain non-GAAP metrics. The remaining \$19 million is not adjusted from the non-GAAP metrics. The Company has mobilized a Covid vaccine working group with representatives from across the globe. Newmont views vaccination as critical in the fight against Covid-19 and actively encourages the workforce to get vaccinated.



SAVE THE DATE REGISTER TODAY FOR UPDATES

WED., SEPTEMBER 29, 2021 NY SME VIRTUAL SYMPOSIUM

Sustainably Funding the Global Mineral Supply Chain: How to Succeed. What are Leaders Doing?

What is the Impact on Key Minerals? What Lessons Can be Learned? Join NY SME for its second *Thought Leaders in Mining* event on September 29 that seeks to answer key questions and address hot topics that industry leaders, miners, board room members, investors and financiers want to know about financing global mining supply chains sustainably. Are you expanding or looking to invest in, sell or acquire mining assets? What is the proper amount of disclosure? Which jurisdictions are best? What are project managers, advisors and investors looking for and doing? <u>View the agenda</u>.

Topics to be discussed – <u>Register Today!</u> We hope you can join us!

- How mining can get sustainability right
- Credit and capital markets today are adjusting as are participants
- What is sustainability finance?
- How Can Explorers and Developers position themselves for the long term?
- General Motors announced ambitious plans to produce electric vehicles (EVs): What is needed?
- Circulatory, Life Cycle Planning and Recycling: Have these issues' time come?
- Mine Cycle Planning: Sustainable operations is no longer a matter of "if" or "when" It's a matter of how.
- Mining the Value of ESG: How Sustainable Development Practices Create Greater Wealth
- Governments, Policy Makers & Communities can be core to offset, support financial, technical & commercial risks
- Credit Committees, Financiers, Capital Markets, Commercial and Investment Banks, Strategic Investors hold the Keys to funding. What should be known? Revealed? How?
- There are Examples; How have and are Larger Sector Players Adapting?

Join Us! Register now to hear experts from these companies who will be speaking. View the agenda and speakers' bios

Benchmark Mineral Intelligence • Corem • Dassault Systèmes • Eagle Mines Management • General Motors Corp. • Government of Quebec • Great Bear Resources • HATCH Consulting • Hecla Mining Company • ING Capital • Resources Quebec • RESPEC Consulting • Rio Tinto Plc • Shearman & Sterling • Société du Plan Nord • SOQUEM Inc. • SRK Consulting • Standard & Poor's Global Ratings • Wheaton Precious Metals and others. <u>Register here</u>



NY SME thanks Rio Tinto for its Lead Sponsorship of this event and the other sponsors: <u>Dassault Systèmes</u> and <u>Great Bear Resources Ltd</u> and <u>HATCH Consulting</u> and <u>RESPEC</u> <u>Consulting</u> and <u>Shearman & Sterling LLP</u> and <u>SRK Consulting</u>

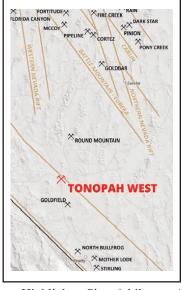
Attendance is FREE. <u>Register today</u> to receive event updates. Use this as an opportunity to start or renew your NY SME Membership. Would you like to speak this or at future events or be a sponsor? If so, contact Tim Alch, NY SME Executive Director at <u>timalch@gmail.com</u> We hope you join us! <u>SME - The New York Section</u>





High Grade Intercepts At The Tonopah West Project

VANCOUVER - Blackrock Silver Corp. reported new highgrade silver and gold drill intercepts from its core and RC drilling program on the 100% controlled Tonopah West project located in the Walker Lane trend of Western Nevada. These new results continue to demonstrate continuity of high-grade mineralization at both the DPB and Victor targets; additional in-fill drill results highlight potential for this deposit as the Company works towards delivery of a maiden resource estimate.



Highlights: Six +1-kilogram/ tonne silver equivalent (AgEq) intercepts reported across both the DPB and Victor target areas; Denver vein returned 7.4 metres grading 2.0 g/t Au and 181 g/t Ag or 381 g/t AgEq including 1.5 metres grading 5.5 g/t Au and 487 g/t Ag or 1,034 g/t AgEq in TXC21-017 (AgEq silver: gold ratio 100:1), and TXC21-016 returned 3.3 metres grading 2.25 g/t Au and 223 g/t Ag or 448 g/t AgEq including 0.5 metres yielding 1,046 g/t AgEq (5.52 g/t Au and 494 g/t Ag) from the Denver vein; Drilling on the Victor vein returned three +1-kilogram intercepts. Drillhole TW21-085 returned 1.6 metres grading 1,289 g/t AgEq (7.22 g/t Au and 577 g/t

Ag); TW21-097C cut 6.5 metres yielding 456 g/t AgEq (1.94 g/t Au and 261.3 g/t Ag) including 1.6 metres grading 1,181 g/t AgEq (5.26 g/t Au and 655 g/t Ag) and another intercept returning 8.1 metres grading 300 g/t AgEq (1.07 g/t Au and 192.9 g/t Ag); and The Victor/Murray vein also returned 1.7 metres grading 1,053 g/t AgEq (3.93 Au and 660 g/t Ag) in the Victor target.

Mine Development Associates have been engaged for delivering a maiden resource estimate on the DPB target at Tonopah West; and The DPB in-fill drill program is on track for completion at the end of this month. Assays for 32 drillholes are currently pending.

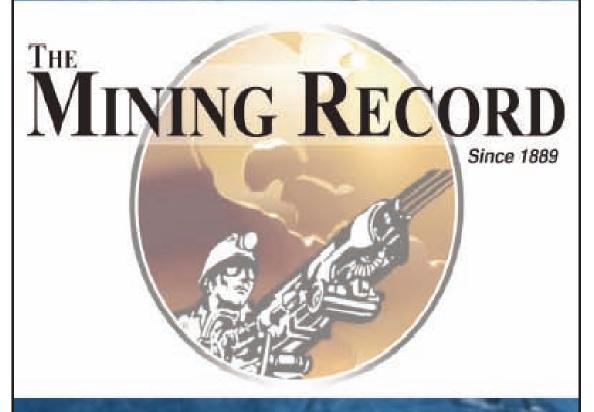
"The many high-grade intercepts reported are precisely what we want to be seeing as in-fill drilling ties together continuity of the substantial footprint of silver and gold mineralization we've encountered throughout the target area, which now evidences significant size potential," said, Andrew Pollard, President & CEO. "As we near the completion of the resource definition program in support of our maiden mineral resource estimate at DPB, Mine Development Associates have been engaged to commence work on the study. With 84,000 metres of continuous drilling completed in just over one year, Tonopah West has become the most active silver exploration project in North America. Four drills are turning at the project, and with assays for 32 completed drillholes pending, we look forward to a very active fall season with continuous drill results expected that shall form the basis for our maiden resource estimate due out by the first quarter of 2022. Drilling at Victor continues to define significant upside at the project, over and beyond what will be included within our maiden resource, highlighting clear standalone potential for this target area."

COLORADO Restart Of Revenue Virginius Mine

VANCOUVER - Aurcana Silver Corporation reported on the restart activities of the Revenue Virginius Mine in Ouray, Colorado. The processing plant initiated commissioning with development ore, which is an important milestone in the results in the near future, but visual inspections each shift indicate that this strong mineralization continues. Concentrate shipments are anticipated to commence in September.

Kevin Drover, President and CEO, said, "These additional

NORTH HALL BOOTH NO. 1816 RIGHT NEXT TO REGISTRATION



OFFICIAL MEDIA PARTNER OF MINEXPO 2021 The Industry's Leading Mining Newspaper For 132 Years!

AVAILABLE AT THE MINING RECORD BOOTH:

- The Mining Record
- Western Mining Directory

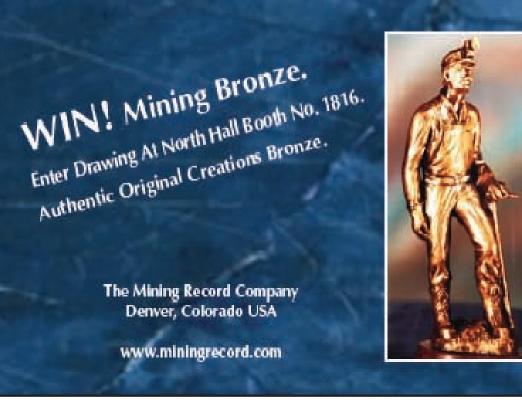
Mining Industry Maps:

- Western Mines Map
- Canada Mines Map
- Mexico Mines Map
- Australia Mines Map
- South America Mines Map

restart of full operations, with stope ore to be processed in the near future.

The Company plans to continue to ramp up to the full production rate of 270 short tons per day. In addition the Company reported that initial assay results from the 1800 drift level show an average undiluted grade over 78 feet of drift of 54.0 (33.9 diluted to a minimum mining width of 1.5 ft) ounces per ton silver equivalent (AgEq) per short ton (ST). The actual measured vein width in this area is 1.19ft as compared to the modeled vein width for the same 78 feet of 0.23 feet and an undiluted grade of 26.9 (4.2 diluted to a minimum mining width of 1.5 ft) AgEq/ST over for the same drift section. Assay data lags actual development and the Company looks forward to reporting more assay

assay results - 15 feet below the first mining stope - which confirm the mineralization is as we expected is the key data validation point we needed to confirm that we can be successful. Mining productivity at the face has been strong and we have some of the best miners in the business working for us. While some logistics issues related to movement of ore and waste in the same underground area slowed our initial development in opening up the production stopes, these short term delays are resolvable as the stope is opened to its full length. With this grade confirmation in hand, the processing plant now moving into commissioning, and with logistics improving rapidly as the first production stope expands both north and south, we are very confident of a successful restart.'





THE MINING RECORD Professional Directory



THE INTERNET CONNECTION DIRECTORY

CONTRACT MINING

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

CONSULTANTS - MINERAL INDUSTRY

Golder Associates www.golder.com miningsolutions@golder.com HEAVY MINING EQUIPMENT

Wagner Equipment Company www.wagnerequipment.cat.com

MATERIAL HANDLING SYSTEMS MINE PLANNING • MODELING SOFTWARE



STEEL FABRICATORS - PIPE

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

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

TUNNELING - RAISEBORING

Cowin & Company, Inc.

Independent Mining Consultants

www.imctucson.com imc@imctucson.com



www.KnightPiesold.com

CRUSHERS - MINING AND AGGREGATE

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

HEAP LEACH/TAILINGS DAM GEOTECHNICAL/ENVIRONMENTAL

Golder Associates www.golder.com miningsolutions@golder.com Independent Mining Consultants www.imctucson.com imc@imctucson.com

MINING/EXPLORATION COMPANIES

Freeport-McMoRan www.fcx.com

General Moly www.generalmoly.com

Newmont Mining Corporation www.newmont.com

PIPE SYSTEMS

Naylor Pipe Company www.naylorpipe.com sales@naylorpipe.com www.cowin-co.com jcowinjr@cowin-co.com

RAISEBOR

www.raisebor.com mhardwick@raisebor.com

UNDERGROUND CONSTRUCTION AND MAINTENANCE



www.KnightPiesold.com

USED/NEW HEAVY EQUIPMENT

Arnold Machinery Company www.arnoldmachinery.com

Cashman Equipment Company www.cashmanequipment.com

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

www.miningrecord.com

Intersections From Ten Additional Drill Holes At Florida Mountain

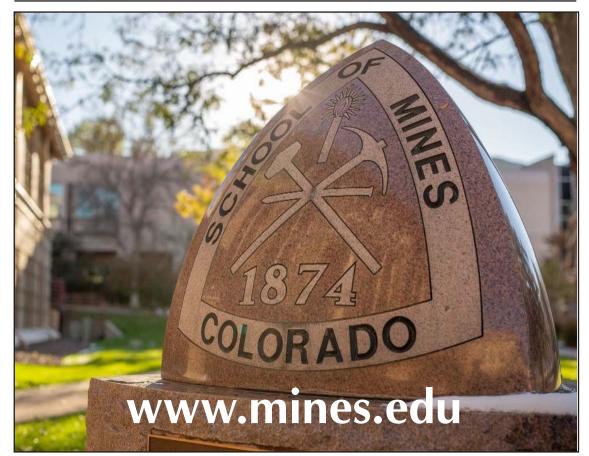
VANCOUVER - Integra Resources Corp. reported multiple high-grade gold-silver drill results from the Florida Mountain Deposit, located on the DeLamar Project in southwestern Idaho. The drill holes continue to demonstrate high-grade gold-silver mineralization below the Florida Mountain Deposit.

The drill results cover a strike length of 400 m in the north-south direction and further display the strong vein continuity present at Florida Mountain. The Company believes that further drilling at Florida Mountain has the potential to delineate a high-grade resource that could potentially compliment the economically robust bulk-tonnage operation.

George Salamis, President and CEO, said, "The high-grade goldsilver drill results are some of the thickest and best grades released to date by Integra. Consistent high-grade drill intercepts at Florida Mountain are showing strong continuity across multiple vein structures. Over the last three years we have intersected 92 high-grade gold-silver hits over 4.0 g/t AuEq covering strike lengths of 1,300 meters and depth extents of up to 400 m. The significance of this deeper drilling continues to demonstrate the resource expansion potential below Florida Mountain. Our targeted high-grade hit-rate in drilling is now 70% and is indicative of a thorough and increasing understanding of structural and geological controls of these veins and shoots.

It is evident that high-grade gold-silver resource potential occurs below the existing bulk tonnage, low grade, pit-constrained gold-silver resource that is currently the focus of a PFS expected in Q4 of this year. Integra will continue to pursue high-grade exploration from surface; however, if warranted and supported by additional internal studies and further drilling, the Company may seek to evaluate the possibility of transitioning to underground exploration at Florida Mountain if it appears strongly advantageous.

The concept of potentially adding high-grade resources to a larger, bulk-tonnage mining scenario like the one presented in the PEA, could have the potential to further complement and possibly enhance the future economics and/or production profile of the Jack vein, the Company can target drilling to better define each structure and begin modeling any resulting potential resource. The high-grade occurs in the form of steeply plunging shoots with down-dip extents of several hundred meters, primarily within the granite and is capped by lowergrade stockwork and disseminated mineralization (open-pittable) within the overlying volcanics. Strike lengths of the individual shoots tend to be 20 m to 200 m long and with widths of between 1 m and 8 m. Integra refined its understanding of the controls on high-grade vein mineralization at Florida Mountain in 2021 and has been using this model to specifically target the higher-grade "shoots" within the several vein systems identified to date. These higher-grade shoots are interpreted as being localized at the intersections of the principal North-Northwest vein structures with a series of north-east trending splays.



American Exploration & Mining										
	December 2021									
Save / s	SU N	10	TU	WE	TH	FR	SA			
the –				1	2	3	4			
	5	6	7	8	9	10	11			
Dates	12	13	14	15	16	17	18			
	19	20	21	22	23	24	25			
	26	27	28	29	30	31				
American Exploration &										
Mining Association's 127th										
Annual Meeting, Exposition, Short Co and Field Trips	ourse	25								
December 5-10, 2021	S	ho	rt C	ours	ses &	8	De	eceml	ber	

Project."

The intercepts consist of mineralization with wide-spread lowgrade gold-silver values, crosscut and underlain by narrower highgrade, steeply dipping low-sulphidation quartz-adularia veins. Widespread intercepts from shallow oxide and transitional resource definition drilling conducted by Integra over the previous three years has confirmed potentially mineable widths and grades for these high-grade structures.

To further define the highgrade resource potential at Florida Mountain, the Company has chosen to initially focus on 3 of the 7 known high-grade vein structures. By focusing on these 3 structures, which include the Alpine Vein, Stone Cabin-Tip Top Vein and the remnant Trade Dollar – Black

December 5-10, 2021

Nugget Casino Resort Sparks, Nevada, USA

Call for Short Courses & Technical Sessions Contact Pat Heywood pheywood@miningamerica.org

For Exhibit Booth and Core Shack Contact Mike Heywood mheywood@miningamerica.org









BUILDING ON STRENGTH

www.fcx.com



Judd Vein System Drilling Demonstrates Continuity And High-Grade Potential

VANCOUVER - K92 Mining Inc. reported results from the ongoing diamond drilling on the Judd vein system at the Kainantu Gold Mine in Papua New Guinea. The holes are part of the initial drill program at Judd, which in conjunction with underground development is targeting defining a maiden resource later this year. The Judd vein system is located near-mine infrastructure, subparallel to and ~150-200 m east from the producing Kora deposit and within the mining lease.

The results demonstrate the continuity and high-grade potential of Judd, with drilling focused on step-out drilling that in conjunction with underground development is planned to support a maiden resource later this year. From the results, which covered a strike length of approximately 650 metres, all drill holes intersected mineralization, with 29% of holes exceeding 20 g/t AuEq, 35% of holes exceeding 10 g/t AuEq and 65% of holes exceeding 5 g/t AuEq intersections.

To date, four known veins have been recorded at Judd, with similar vein orientation and quartz-sulphide Au-Cu-Ag mineralization as Kora. Similarly, the veins are essentially quartz/sulphide with brecciated country rock fragments or massive sulphide (dominated by chalcopyrite), or combinations of both styles. The veins remain open at depth, to surface, and only a fraction of the over 2,500m strike length has been drilled.

Importantly, the results have defined an area of notably highergrade mineralization with solid thickness to date. At depth mineralization remains strong, with multiple high-grade intersections recorded.

As a result of the promising drilling, the first production stoping at Judd is planned for the fourth quarter. Flat backing on the 1235 Level is underway in preparation for long-hole stoping to reduce the stope height between the 1235 and 1265 Levels. There are currently 2 rigs drilling the Judd Vein System with plans to significantly increase drilling activities near-term.

John Lewins, Chief Executive Officer and Director, said, "The potential significance of the Judd Vein system to the Kainantu Gold mine has increased considerably as strong results continue to be reported from both drilling and underground development. The latest drilling results continue to deliver a combination of high-grade, solid thickness and similar mineralization to Kora. The drilling results also correspond well with Judd sublevel development, further enhancing our view on Judd's potential.'

VANCOUVER - Viscount Mining Corp. has received approval from the State of Colorado for the third phase of the drill program at their Silver Cliff property in Colorado and commenced drilling. The aim of this phase is to increase the defined resource available at the Kate Deposit (KSR). An initial thirteen drill holes have been identified to the south, west, and northeast of the known resource with the opportunity for expansion of the current drill program. The locations of many of these drill holes were guided by the soil surveys conducted in the spring and early summer of this year. This correlation of soil sample and drilling data will show how effective these types of surveys will be for the guidance of future drill programs.

Five drill holes are planned to explore the potential of expanding the Kate East zone to the south. Eight of the drill holes for Phase 3 are planned to expand the Kate East zone to the northwest and northeast, respectively. The locations of these drill holes were heavily influenced by the results of the spring and early summer soil sample campaigns.

An additional two holes are being planned for the Passiflora target. This will increase the understanding of the alteration system, and continue to increase the knowledge base at Passiflora.

Commencement Of Phase 3 Drilling At The Colorado Silver Cliff Property



The phase 2 drilling revealed additional drill results which have confirmed the recent geophysical and geochemical study at Silver Cliff.

This was an experimental phase to better understand trends that exists in the Kate Resource area. It has helped define the relationships between geophysical, geochemical expressions and subsurface data. This exercise was successful with several of the drill holes designed to test the outer limits of the Kate area, and guide the phase 3 program. An additional three holes were drilled in the Passiflora target to better understand trends and future exploration targets.

In early March, Viscount Mining conducted an initial soil

sampling survey over the Kate East deposit. The results from this 100-sample survey showed the surficial variance of silver concentration, indicating areas of probable silver deposition closer to the surface. In response to these results, Viscount Mining decided to conduct a second round of soil sampling.

This second round of soil sampling includes 175 additional samples. 75 of these account for expanding the area of the initial survey, with one line added to the south, and two lines combined to the higher-concentrated northern area. The last 100 samples of this second soil survey are being collected to the northwest of the current known extent of the Kate deposit.

PROVIDING FULL SERVICE MINING SOLUTIONS AROUND THE WORLD



MINE DEVELOPMENT

CONTRACT MINING

UNDERGROUND CONSTRUCTION

ENGINEERING & TECHNICAL SERVICES



SHAFT SINKING

RAISE MINING

RAISEBORING

GLOBAL EXPERTISE



REDPATH USA CORPORATION

Mining Contractors and Engineers

Email: info.usa@redpathmining.com Tel: 1-775-359-0444





SAFETY, SERVICE, AND INNOVATION



For more information on our portfolio of diverse and complementary brands visit us at www.jennmar.com.

GLOBAL HEADQUARTERS • (412)-963-9071 • PITTSBURGH, PA USA