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Nevada Exploration Next Stage Advancement For East Golden Gorge Target

RENO, NV - Nevada Exploration Inc. (NGE) reported its next-stage plans to advance the East Golden Gorge target at its district-scale South Grass Valley Carlin-type gold project. The target is defined by the intersection of a series of regional-scale, high-angle faults that the Company has named the Water Canyon structural corridor and a Cambrian-aged limey mudstone (the "Clm Unit"), which together the Company believes represent the dominant primary and secondary controls for the hydrothermal fluids responsible for the mineralization seen in its drilling to date. To advance East Golden Gorge, NGE has designed a 12,500 metre, 10-hole core drilling program to test for potentially-economic mineralization along a 3,500-metre length of the target.

President, James Buskard, said, "When we review the results of our two drilling programs as a whole, what we're seeing at South Grass Valley is a typical Carlin-type geologic setting with characteristic alteration and anomalous geochemistry across several cubic kilometres of bedrock, which remains open. By integrating the results of our drilling and mapping with the data from our geophysical surveys we believe we have established the primary source for the mineralized hydrothermal fluids responsible for these Carlin-type features, namely the Water Canyon structural corridor. Based on the intensity and zonation of the alteration, gold, and pathfinder



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concentrations there is strong evidence that the secondary, lateral movement of the fluids through the district was stratigraphically-controlled within the Clm Unit. With a handle on what we think are both the primary and secondary controls for the mineralized hydrothermal fluid flow through the district, our focus has narrowed to where the Clm Unit dips closer to the Water Canyon structural corridor, representing the geologically-constrained target called East Golden Gorge. To test East Golden Gorge for Carlin-type mineralization we're proposing a program of carefully-targeted core holes to sample the full thickness of the Clm Unit along a three-and-ahalf-kilometre length of the target. As we plan this ambitious drilling program, we want to highlight what differentiates the target from other early-stage projects in Nevada.

Most significantly, compared to the size of the mineral sys-

tems hosting some of Nevada's largest deposits at the north end of the valley, we believe the size of the target and scale of its associated alteration features support the potential to discover an entire new district. Our nextstage program is designed to test for both a flat-lying geometry associated with stratigraphic-hosted mineralization within the Clm Unit, as well as morevertical-hosted mineralization associated with the breccia features we're seeing and the margins of the Grass Valley Stock. To ensure the spacing of our proposed holes is suitable to test for this more-vertical type orientation, we've placed them an average of 600 metres apart along the length of the target. As we continue to advance and de-risk this district-scale target, we believe strongly that in today's covered search spaces geology is what is drives discoveries. From the beginning, we've taken a systematic approach to building the geologic framework we're now using to target mineralization based on the latest research on the features and processes responsible for Nevada's largest Carlin-type gold districts, as well as by integrating new exploration tools. This is the exact geology-driven process being used by the world's largest mining companies, and we believe based on our results to date, that we have

the opportunity here at South Grass Valley to make a significant discovery, at a completely covered and otherwise blind project, that we discovered as a result of our industry-leading groundwater chemistry exploration program."

NGM Exceeds First Year Expectations

TORONTO - "Nevada Gold Mines (NGM), has posted an exceptional performance in its first 12 months of operation, delivering real value to all its stakeholders," said, Mark Bristow, President and Chief Executive of Barrick Gold. In its first year of combined operation, NGM not only met the production and cost targets set out at the start of the joint venture, but did so despite the past few months of stress experienced as a result of the Covid-19 pandemic. Bristow said, "This was a significant achievement, considering that the merger had required the integration of multiple assets, in-cluding three mines into a unified complex. At the same time, the company has been working with the State of Nevada and its stakeholders to provide financial and logistical support to mitigate the impact of the pandemic on its employees, local communities and the State."

News



Intersects At The Kay Mine VMS Project In Arizona

TORONTO - Arizona Metals Corp. reported that drilling at the South Zone of its Kay Mine Project, located near Black Canyon City, Arizona, has intersected massive sulphide mineralization in an area previously untested by historic exploration. Hole KM-20-10 intersected an interval of 4.9 m at a grade of 6.2% CuEq, including 3.0 m at a grade of 7.8% CuEq, from a vertical depth of 480 m.

Further downhole, from a vertical depth of 491 m, KM-20-10 also intersected an inter-

val of 0.6 m at a grade of 9.6 g/t AuEq, and 1.6 m of 3.1% CuEq from a depth of 494m.

Marc Pais, CEO, said, "The resumption of our Phase 1 drill program at the Kay Mine project has continued to confirm the historic results reported by previous operators. We have also encountered new mineralization outside of the historic workings. To date, we have hit massive sulphide mineralization in 9 out of the first 10 holes reported. Holes 11, 12, and branch hole 10A are currently at the lab for assay. Branch hole 10B is currently underway (about 30 m north of the hole), as is hole 13. We expect a steady flow of drill results from the Kay Mine Project over the next few weeks and months. We are also anticipating drilling to start on July 6th, 2020 at our Sugarloaf Peak Project, which has a historic estimate of 1.5 million ounces of gold1".

Hole KM-20-10 is being used as a trunk hole in order to wedge a number of branch holes aimed at the 1500-foot level described by Exxon, located approximately 50 m above the interval announced today. Branch hole KM-20-10A, in this location, has been completed and samples submitted to ALS Laboratories in Tucson. Branch hole KM-20-10B is currently in progress.

Hole KM-20-11 was drilled to target the 1500-foot level of the North Zone at a target depth of 550 m. Samples of this hole have been submitted to ALS Laboratories for assay. Hole KM-20-12 was drilled to target the 1200-foot level of the North Zone at a target depth of 300 m. Samples of this hole have been submitted to ALS Laboratories for assay.

Drill Program Increased At McKenzie Gold Project

VANCOUVER - Nexus Gold Corp. has added an additional 1000 meters to its phase one diamond drill program currently underway at the Company's 100% owned McKenzie Gold Project, located in Red Lake, Ontario. Previously announced, the Company commenced a phase one 1000-meter diamond drill program at the McKenzie project. Phase one drilling will now be increased, doubling in size for a total of 2000 meters. The added meterage will focus on drill targets previously identified in the southernmost section of the property.

"With the first few holes complete, we've decided its in our best interests to execute a larger drill program," said president and CEO, Alex Klenman. The environment is right for a more aggressive allocation of assets, so we're doubling the initial commitment. It's obvious a good drill hole can have a significant impact. Increasing the phase one meterage gives us the opportunity to cover more ground and test more targets. We think it's the right time to do that."

The current drill program at McKenzie is intended to expand on 2005 drilling and to follow up on anomalous rock samples that were collected as part of the Company's fall 2019 prospecting program completed in the St. Paul's Bay area of the property. The prospecting program traced the mineralized contact corridor to the property's eastern boundary and helped further determine drill targets on the property's southern end. The focus of the prospecting was concentrated in and around Perch Lake, in the Saint Paul's Bay area, located in the southernmost section of the property.



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Grassy Mountain Tailings Dam Design Receives Key Approval

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WINNEMUCCA, NV - Paramount Gold Nevada Corp. reported that the Oregon Water Resource Department (OWRD) has reviewed and approved the plans and specifications for the tailings dam proposed for the Grassy Mountain mine and stated that from a safety perspective, the plans are constructionready.

The OWRD reviewed data within the Consolidated Permit Application which Paramount submitted in November, and which included all tailings design drawings, safety analysis, field data collected and laboratory testing. The OWRD is required to review and evaluate the data and design, classify the hazard level (high, significant, or low hazard rating) and evaluate readiness for construction from a dam safety perspective. Considering the project's remote location, low population density, arid nature with no rivers or permanent streams in close proximity, seismic analysis and all other data compiled, OWRD has rated the dam as low hazard. The approval for construction is valid for 5 years with extensions.

President and COO, Glen Van Treek said, "This is an important achievement which shows confidence by the OWRD in the quality of the work completed by consultants on the Tailings Storage Facility design."

Paramount continues to work with the Oregon Department of Geology and Mineral Industries ("DOGAMI") and all of the coordinating and permitting State agencies to advance the Consolidated Permit Application process for the proposed Grassy Mountain Gold Mine.



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Assays On Remaining Holes At Project In Bullfrog Mining District

GRAND JUNCTION, CO -Bullfrog Gold Corp. reported that assay results have been received from the six remaining holes of the 25 total holes recently drilled at its Bullfrog Project. The Project comprises 2,125 hectares (5,250 acres) of strategic lands, established resources and prospective exploration potential in the Bullfrog Mining District located 4 miles west of Beatty, Nevada. The Bullfrog and surrounding area are in one of the most prolific gold exploration regions in North America.

The remaining hole of the 17 holes drilled in the Mystery Hill (MH) area intercepted 35 meters (115 feet) of 0.44 g gold/t starting at the surface and included 15 m of 0.64 g/t staring at 2 m. Most of this intercept was not within previous estimates of measured and indicated (M&I) resources. The last 3 of 6 holes drilled in the Montgomery-Shoshone (MS) area were collared near the west rim of the pit and angled to test for down dip mineralization that could not be drilled in the MS pit. BM-20-21 intercepted 61 meters at 0.78 g gold/t and 7.25 g silver/t from 99

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meters to 160 meters, including 20 meters at 1.84 g gold/t and 18.3 g silver/t starting at 134 meters. BM-20-22 intercepted 6 meters at 0.33 g gold/t and 5.2 g silver/t starting at the surface and 24 meters at 0.54 g gold/t and 2.08 g silver /t starting at 93 meters. These intercepts were in areas that were not included in M&I resource. The initial two holes drilled in the far south of the Paradise Ridge exploration target did not discover any significant mineralization. Notwithstanding, this target is approximately 2,000 meters long and 400 meters wide and these two holes tested a representative area of approximately 30,000 square meters, or less than 4% of the prospective target area.

Dave Beling, CEO, said, "The drill assay results achieved our objectives to further define resources and ultimate limits of proposed expansions to the Bullfrog and MS pits.

The program also fulfilled a final work commitment for the Company to purchase a 100% interest in lands under lease from Barrick by mid-September 2020. The first two holes in the Paradise Ridge target did not intercept any significant mineralization, but this large undrilled area continues to be highly prospective and needs several more drill holes to fully explore and assess its potential that extends nearly 2,000 meters to the northwest."

BM-20-20 was located to determine if the mineralization that was identified in several old holes continued along strike to the northeast and southwest and particularly up dip. The 12-meter intercept of 0.30 g/t is approximately 70 meters below the existing pit and may not add any resources within an optimized pit plan but was needed to define ultimate pit limits in that area.

BM-20-21 intersected 61 meters at 0.78 g gold/t and 7.25 g silver/t approximately 40 meters below the northern pit wall. The new intercept confirms continuity of mineral along strike as well as up and down dip, particularly in combination with the new drill assay data in holes BM-20-1, 2, 20 and 22 and a few intercepts in old, wide-spaced holes. The new intercept is in an area that previously was not in M&I resource estimates.

BM-20-22 intercepted 24 meters of 0.54 g/t starting at 45 meters below a 50-meter wide bench in the northeast end of the MS pit. Much of the stripping over the northeast extension of this intercept was completed by previous operators.





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Laybacks of the pit walls toward the north and south will limit how far the MS pit can be deepened, but there now is enough information to optimize a pit plan and its ultimate depth. The new intercept is in an area that previously was not in M&I resource estimates.

The two holes drilled in the far south of the Paradise Ridge target did not intercept any significant mineralization. Notwithstanding, this target is approximately 2,000 meters long and 400 meters wide and these two holes tested a representative area of approximately 30,000 square meters, or less than 4% of the total prospective target area.

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Phase III Expansion Study Conducted On Island Gold

TORONTO - Alamos Gold Inc. reported results of the positive Phase III Expansion Study conducted on its Island Gold mine, located in Ontario. Based on the results of the study, the Company is proceeding with an expansion of the operation to 2,000 tonnes per day (tpd) (Shaft Expansion). This follows a detailed evaluation of several scenarios which demonstrated the Shaft Expansion as the best option, having the strongest economics, being the most efficient and productive scenario, and the best positioned to capitalize on further growth in Mineral Reserves and Resources.

"Island Gold has been a tre-

mendous acquisition for Alamos Gold. We acquired Island Gold in 2017 at a cost of approximately \$600 million when it had 1.8 million ounces of Mineral Reserves and Resources. This high-grade deposit has more than doubled to 3.7 million ounces and we expect further growth yet. The Phase III Expansion Study showcases the growing value of Island Gold. Already one of the most profitable mines in Canada, the expansion will increase production, lower costs, and make this operation even more profitable. The expansion will also best position the operation to benefit from additional exploration success," said John A. McCluskey, President and Chief Executive Officer.

The Phase III Expansion of Island Gold to 2,000 tpd from a current rate of approximately 1,200 tpd will involve various infrastructure investments. These include the installation of a shaft, paste plant, and an expansion of the mill and tailings facility. Following the completion of the shaft construction in 2025, the operation will transition from trucking ore and waste to skipping ore and waste to surface through the new shaft infrastructure, driving production higher and costs significantly lower.

Long-hole open stoping will continue to be utilized as the primary mining method; however, increased development and key infrastructure changes including the addition of a paste plant and shaft will allow for mining rates to increase to 2,000 tpd.

A 5.0 metre diameter concrete lined shaft will be constructed with a steel head frame. The shaft will house two 12 tonne skips in dedicated compartments for ore and waste movement, and a double-deck service cage for the transport of personnel and materials. The shaft will be sunk to an initial depth of 1,373 metres. The hoisting plant is designed for an ultimate depth of 2,000 metres providing flexibility to accommodate future exploration success. At the initial depth of 1,373 metres, the shaft has a capacity of 4,500 tpd, more than sufficient to accommodate the peak mining rates of 3,300 tpd (ore & waste).

A conventional blind sink methodology will be utilized providing improved schedule reliability with minimal impact on existing operations. A combined raise-bore from the 840 metre level, and blind sink option below the 840 metre level was evaluated; however, this option would significantly impact existing operations. The cuttings from the raise bore in the upper mine, and waste generated from the conventional sink in the lower mine would displace underground throughput capacity and significantly reduce mining rates below 1,200

tpd by as much as 400 tpd over the next several years.

The underground ore and waste handling and loading pocket will be a conventional configuration similar to that of Young-Davidson. Once skipped to surface, ore will be trucked to the expanded mill circuit.

Ventilation requirements under the Shaft Expansion are lower than under the ramp scenarios given the significantly smaller mobile fleet allowing the shaft to serve as the only new required fresh air source. The total construction capital for the shaft installation including all supporting infrastructure is \$232 million.

With the exception of the current base case operation, the addition of a paste plant was included in all scenarios for a number of reasons, principally the high project returns with an after-tax IRR of 32%. The addition of paste fill underground will allow for faster stope cycling, thereby supporting higher mining rates and providing increased geotechnical stability. It will also increase mining recovery resulting in an additional 100,000 ounces of gold recovered over the life of mine, an in-situ value of \$145 million at a gold price of \$1,450 per ounce. Further, 56% of tailings will be placed underground reducing tailings dam raise requirements, a capital savings of \$13 million.

The paste plant will have a capacity of 2,000 tpd and capital cost of \$34 million4 with the plant expected to be completed





RMCM August 16–18, 2020 Cheyenne Mountain Resort, Colorado Springs, Colorado





Mine Results In Proceeding With Expansion Of Project

in the fourth quarter of 2023.

Mining rates are expected to ramp up to 2,000 tpd following the completion of the shaft in 2025. This will be supported by a significantly smaller mobile fleet than required under the ramp scenarios. Post completion of the shaft, a total of five haul trucks will be required to support a mining rate of 2,000 tpd. This compares to a peak of 18 haul trucks required to sustain ramp haulage at 1,200 tpd and 25 haul trucks for ramp haulage at 1,600 tpd. This contributes to the lower ventilation requirements with the Shaft Expansion, and significantly lower diesel usage and green house gas emissions.

The expanded mill will be a conventional milling operation with a nominal capacity of 2,000 tpd, up from approximately 1,200 tpd currently. The expansion will include upgrading the crushing circuit, adding a second parallel ball mill, and a new elution and carbon in pulp ("CIP") circuit with carbon screens. The total cost of the mill expansion is \$40 million.

To accommodate the increased electricity requirements with the larger mill and shaft, the power line to site will be upgraded at a cost of \$14 million. The same power line upgrade is required under all scenarios including maintaining the existing operating rates of 1,200 tpd. This reflects increased ventilation requirements with the ramp scenarios as mining progresses deeper.

An expansion of the existing tailings impoundment area is underway and required under all scenarios to accommodate the growth in the deposit over the last several years. With two planned future raises beyond 2020 and the addition of the paste plant, the tailings facility has sufficient capacity to accommodate existing Mineral Reserves and Resources.

The Shaft Expansion, as currently configured is not expected to require a lengthy environmental assessment process and the majority of the permitting requirements fall within the provincial government jurisdiction. These include amendments to existing authorizations and new authorizations for construction activities. All of the Shaft Expansion permitting requirements are expected to be completed within an 18 to 24 month timeframe.

This is a well known jurisdiction within which Alamos has successfully operated for years, achieving various permitting milestones at both of its Young-Davidson and Island Gold mines.



Feasibility Study Drilling Begins

VANCOUVER, BC - Fiore Gold Ltd. reported the start of a program of resource expansion, metallurgical, geotechnical and condemnation drilling in support of a Feasibility Study (FS) targeted for completion in the second half of 2021. The drilling program will consist of a mix of HQ and PQ diamond core holes, as well as reverse circulation (RC) and sonic holes. Total footage for this phase of the drilling program will be approximately 198,000 ft (60,000 m), with approximately 115,000 ft (35,000 m) focused on resource expansion to add Measured and Indicated resources for inclusion in the FS.

The federally permitted Gold Rock gold project is located in

White Pine County, Nevada. The Gold Rock Preliminary Economic Assessment (PEA) provides an updated mineral resource estimate and a base case assessment of developing the Project as a satellite open pit operation that.

The PEA also identifies a considerable number of opportunities to enhance the project economics as Gold Rock advances to the Feasibility stage by drilling to increase the mineral resource, further metallurgical testing aimed at optimizing recoveries, and geotechnical drilling aimed at reducing the stripping ratio. The PEA was prepared in accordance with Canadian Securities Administrators' National Instrument 43-101 Standards Of Disclosure.





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Hecla Mining Reports Preliminary Production Results

COEUR D'ALENE, ID -Hecla Mining Company reported preliminary production results and its cash position at the end of the second quarter as well as a new investment by Investissement Quebec. All five mines in operation (Casa Berardi and San Sebastian were subjected to government-mandated shutdowns of 3 and 4 weeks, respectively in the quarter). Silver production of 3.4 million ounces, and gold production of 59,982 ounces - Silver equivalent production of 12.5 million ounces or gold equivalent production of 119,037 ounces. There was reduced borrowing under revolving credit facility from \$200 million to \$50 million, and cash position of approximately \$76 million.

In the third quarter, to enable open market purchasing of some existing 7.25% coupon bonds and fund Casa Berardi's capital expenditures. Hecla is issuing US\$36.8 million of senior unsecured notes to Investissement Quebec with a five-year maturity yielding 5.74%.

Phillips S. Baker, Jr., President and CEO, said, "Our quick actions at the beginning of the pandemic minimized impact on our operations and finances, so production and cash flow generation were strong this quarter. Because U.S. mines are essential businesses and the other two mines returned to production in the quarter, we increased production and internally generated cash flow. This performance has allowed us to substantially reduce our revolving line of credit which we expect to be fully repaid by year end. Hecla produces one third of all the silver in the U.S., giving investors unique exposure to what we believe will be higher silver

prices in the future. The announcement of the investment by Investissement Quebec is another example of why Quebec is one of the leading mining jurisdictions in the world. We are happy to have the province investing in five-year notes to fund Casa Berardi capital expenditures and replace existing bonds."

Greens Creek exceeded expectations in the first half of the year due to higher grades. Lucky Friday is expected to increase production in the second half under the planned ramp-up to full throughput. San Sebastian production is as expected and should cease in the third quarter. Nevada has exceeded expectations due to higher grades but has limited non-refractory ore in the third quarter. Currently there is no estimate for the bulk sample production of refractory ore. Casa Berardi is expected to have higher production later in 2020 due to more high-grade underground production from the East Mine. Production outlook is unchanged at this time.

At the Greens Creek mine, 2.7 million ounces of silver and 13,104 ounces of gold were produced. Higher silver production compared to the second quarter of 2019, was due to higher ore grades as a result of mine sequencing. The mill operated at an average of 2,366 tons per day (tpd).

Operations at Greens Creek continue strongly, with the mine quickly implementing a 14 day quarantine for all visitors to Admiralty Island, where the mine is located. This has helped protect the workforce from the potential spread of the COVID-19 virus, and with the addition of strict testing protocols the mine has now reduced the quarantine period to 7 days. This is expected to reduce the cost associated with protecting the workforce as well as reducing workforce stress.

At the Casa Berardi mine, 30,756 ounces of gold were produced, including 5,681 ounces from the East Mine Crown Pillar pit. The mine restarted operations on April 15 after the Government-mandated shutdown of operations due to COVID-19. The decrease in gold ounces compared to the second quarter of 2019 was expected due to the shutdown. The project to optimize the mill operations is making progress on many fronts and results are expected over the coming several quarters. The mill operated at an average of 3,595 tpd.

At the San Sebastian mine, 0.2 million ounces of silver and 1,331 ounces of gold were produced. The mill restarted on May 29 and the mine on June 6 after a Government-mandated shutdown of operations due to COVID-19. Silver and gold production were lower compared to the second quarter of 2019 due to lower ore grades, as well as the shutdown. Mining of oxide material is expected to be completed in the third quarter and milling in the fourth quarter of 2020. The Company continues to assess the viability of mining the sulfide Hugh Zone. The mill operated at an average of 528 tpd.

At the Nevada operations, 14,791 ounces of gold and 15,988 ounces of silver were produced. Mining of non-refractory ore is expected to be completed in the third quarter. Mining of refractory ore for the bulk sample test is expected to continue through the remainder

of 2020. Ore was processed at an average of 117 tpd.

At the Lucky Friday mine, 469,537 ounces of silver were produced in the quarter. The mine has continued normal operations during the pandemic,

with the ramp-up proceeding as planned. The #2 shaft hoist upgrade project is proceeding on schedule. The mine is expected to reach its full tonnage throughput rate by the end of the year.

Kinsley Mountain Project Phase One Exploration Plan Initiated

VANCOUVER, BC - New Placer Dome Gold Corp. announced initial plans for its highly anticipated 2020 Kinsley Mountain Project reverse circulation (RC) discovery drill program. The geological crew and drill rig crews are mobilizing towards the Project in preparation for a 10,000 metre drilling program.

The Kinsley drill program is focused on new high-grade discoveries and expansion of existing mineralized zones. The Kinsley Mountain Gold Project is located in the mining area of Elko, Nevada.

Kinsley Mountain is a Carlin -style gold project hosting 418,000 indicated ounces of gold grading 2.63 g/t Au (4.95 million tonnes), and 117,000 inferred ounces of gold averaging 1.51 g/t Au (2.44 million tonnes).

The Company believes there is significant upside potential for new high-grade gold discoveries and expanding the footprint of known mineralization and contained resources at Kinsley.

New Placer Dome has planned an initial 10,000 metre high-priority Reverse Circulation (RC) drill program, and select diamond core drilling following new discoveries to confirm stratigraphy and continue to advance the geological

model. Up to 10,000 metres of additional drilling based on interpretation of the initial results from the high priority targets is also planned.

Drilling will focus on testing Carlin-style high-grade gold mineralization at depth hosted within the Secret Canyon shale formations at the high-grade Western Flank zone where gold mineralization remains open and untested along strike and at depth.

The program will expand and step-out on previous targets validated by Liberty Gold's technical team.

Maximilian Sali, CEO and Founder said, "The focus of this exploration program is new high-grade gold discoveries. With only 20% of the property previously drilled, the Secret Canyon shale has more potential for high-grade gold-hosting formations on the property. We intend to make those new discoveries this summer by aggressively drilling multiple targets at the same time with multiple rigs."

Drilling at the Western Flank zone will be followed closely by expanded drill testing of the Racetrack, Transverse, Big Bend, and KN targets where structural intersections with the Secret Canvon shale host horizon near NW-striking structural zones are the primary targets.







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Operations Update For Aurora Target Drilling/Geophysical Surveys

VANCOUVER - Millrock Resources Inc. reported on an update on drilling and other exploration at its 64North Gold project. Exploration work is being funded and managed by Resolution Minerals in a collaborative arrangement with Millrock as the project operator. The 64North Gold Project is a very large tract of claims in Alaska's emerging Goodpaster Gold District. Drilling has been ongoing since early June and continues at present. The drilling program is focused on the Aurora Target.

The target being drilled at Aurora is adjacent and immediately west of the Pogo Mine property, which is owned and operated by Northern Star Resources Ltd. Northern Star has previously reported a gold resource of 5.95 million ounces of gold in a series of veins grading 9.6 grams per tonne gold. More than four million ounces of gold has already been mined at Pogo, and Northern Star has recently announced a new gold discovery called the Goodpaster deposit a short distance away from the mutual claim boundary. Millrock cautions that mineralization on the nearby Northern Star property is not necessarily indicative of gold

mineralization hosted on the Company's property. Presently, hole 20AU004 is testing a CSAMT conductive zone on-trend and below the Half-Ounce Gulch prospect ("HOG"). High-grade gold grab samples have been reported from prior workers at this site, and two historic drill holes intersected high-angle veins beneath the prospect. The earlier workers did not have the benefit of the CSAMT data and those earlier holes (MR12-01 and MR12-02) were not drilled deep enough to intersect the shallow-dipping conductive zone that Millrock postulates to represent low-angle fault structures with quartz veining, sulfides, and gold mineralization. The hole is presently at 900 meters depth below surface.

The Aurora target is a twokilometer by five-kilometer zone of low-magnetic rocks adjacent to a late diorite intrusion. The setting is very similar to that observed at the nearby Pogo Mine. Millrock postulates that the late diorite body intruded along a westerly extension of the Liese Creek fault, which is known to have played a key role in the genesis of the Pogo gold deposits. Highly anomalous gold-bismuth-arsenic in soil is documented. High-angle gold-bearing quartz veins have been intersected by prior drilling. However, the few holes drilled by earlier workers did not go deep enough to intersect the low-angle, regional shear zone that is known to host gold at Pogo and the Goodpaster Deposit. Millrock believes this structure exists at the Aurora target.

Numerous zones of mafic rocks, fault zones, and quartz veins intercepted in drill hole 20AU001 fit with the exploration model. The low-angle, regional shear preferentially ruptured the mafic lithological layers. The Aurora Target is located in this regional shear and the current drill hole program will test the shear for gold mineralization in a variety of places. The regional shear at Aurora was detected by CSAMT and ELF groundbased geophysical surveys in 2019. The ZTEM airborne survey that was completed on July 8 and 9, 2020, has been executed in the same area, along with detailed airborne magnetic surveys. If the airborne methods are able to detect the regional shear effectively, the method may be applied elsewhere on the project in a very cost-effective manner.

Millrock has developed a comprehensive COVID-19 safety plan with clear protocols that will help keep the operating team safe. The plan has been submitted to the relevant agencies and approved by the State of Alaska. So far, the exploration team has remained in good health.



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Johnson Tract Project Exploration Activities And Drill Program Commence

VANCOUVER - HighGold Mining Inc. reported the start-up of the 2020 drill program and exploration activities at its flagship Johnson Tract Gold Project in Alaska. Phase I of the Program plans for 7,000 to 10,000 meters of diamond drilling utilizing two drill rigs on five (5) target areas surrounding the Johnson Tract deposit (JT Deposit) that hosts an indicated resource of 750k ounces gold equivalent (AuEq) at 10.93 g/t AuEq. Based on the results of Phase I, additional drilling may be undertaken in a second phase during the latter half of 2020 field season.

"We are excited to launch on the first serious exploration drill program in 25 years at Johnson," commented President and CEO Darwin Green. "HighGold's work in 2019 generated numerous quality drill targets within an 800-meter radius of the high-

grade JT Deposit mineral resource, several of which will be drilled for the first time this year. Focus is on expanding the mineral resource base and discovering new zones of mineralization, with early emphasis given to the Northeast Offset target where limited drilling by previous operators identified what is believed to be the faultdisplaced continuation of the deposit. Crews are on-site, COVID-19 mitigation plans are in place, and drills are in position and ready to commence coring."

In addition to drilling in and around the JT Deposit, High-Gold's technical teams will carry out geological mapping, geochemical sampling and geophysical surveys. The large, 8,500hectare Johnson Tract property includes a series of under explored regional prospects that collectively define a 12-km long

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mineral trend. The intent of the surface work is to advance regional prospects to the drillready stage. Limited reconnaissance work in 2019 at the Difficult Creek prospect included the discovery of a new vein system and chip-channel samples yielding up to 22.1 g/t Au, 1.1% Cu, and 20% Pb over 1.5m.

Plans Accelerated At Brewery Creek Mine

VANCOUVER, BC - Golden Predator Mining Corp. reported that due to the positive progress realized during the Phase 1 work to restart the Brewery Creek Mine from reprocessing of existing heap leach material, the Company has decided to accelerate work on the Phase 2 plan. The Phase 2 study will evaluate resumption of the mining of new material from oxide resources contained in the Company's Mineral Resource Estimate. The current Mineral Resource Estimate from late 2019 is being updated by Gustavson & Associates and is well advanced with completion expected within the next 30 days.

Phase 2 work will begin with Feasibility level mine planning incorporating new data from the forthcoming updated resource estimate. The results of these studies will integrate Phase 1 reprocessing of existing heap leach material and Phase 2 mining of new oxide material from licensed areas into a single comprehensive Feasibility Study for the Company's 100%-owned Brewery Creek gold project in Canada's Yukon. This definitive comprehensive Feasibility Study is expected by year end.

The Phase 1 Restart Study, by Kappes Cassiday & Associates, now 90% complete, evaluates the economic viability of reprocessing the approximately 10 million tonnes of run of mine material left by the previous operator on the project's heap leach pad with an originally calculated mined grade of 1.5 g/t gold.

Gold recovery from the run of mine ore by Viceroy was not as anticipated (less than 58% according to production records) and the work to date by Kappes confirms the prospects of further gold recoveries from this material after crushing and restacking.



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'As Phase I restart work has progressed, it has become evident that Phase 1 and 2 should proceed together to take advantage of emerging synergies and higher gold prices to generate enhanced cash flow. Since most of the project's CAPEX is required for startup in Phase 1, combining the added potential of higher-grade new material should produce significantly more ounces and a better economic return. Both reprocessing and newly mined material will use the same crushing circuit, heap leach pad, ADR plant, power supply equipment, assay lab, machine shop, warehouse, office, camp facilities and other assets." said Janet Lee-Sheriff, CEO. "Key to this evolved strategy is the Phase 1 assessment that the original heap leach pad is in excellent condition for early reuse.'



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Positive Preliminary Economic Assessment For Waihi District

AUSTRALIA - OceanaGold Corporation reported results the Waihi District Study Preliminary Economic Assessment (PEA) for the Waihi District located in New Zealand. The PEA is being disclosed in accordance with National Instrument 43-101 Standards of Disclosure for Mineral Projects (NI 43-101). An NI 43-101 Technical Report of the PEA will be finalised and filed on SEDAR within the next 45 days. Readers are cautioned that the PEA is preliminary in nature. It includes Inferred Mineral Resources that are considered too speculative geologically to have the economic considerations applied to them that would enable them to be categorized as Mineral Reserves, and there is no certainty that the PEA will be realised. Mineral Resources that are not Mineral Reserves do not have demonstrated economic viability.

Michael Holmes, President and CEO said, "We are very pleased to share the positive results of the Waihi District Study that represents the initial value creating potential of the district opportunities. The PEA indicates the potential for a robust project with an extended mine life for Waihi to 2036 from Martha Underground, Wharekirauponga Underground (WKP), Gladstone open pit and a cutback of the existing Martha open pit.'

"Using our base case assumptions, the significant exploration potential recognised at

Martha Underground and WKP, combined with the existing infrastructure and skilled workforce, the results of the study give us confidence to move forward in the Waihi District opportunities and as a result, we will continue advancing each forward. Additionally, we see potential for further significant growth through resource additions particularly at Martha Underground and WKP deposits. Resource expansion has the potential for sustained high levels of annual gold production and mine life extension.

Leveraging exploration potential through aggressive drill campaigns has been the key to our success since acquiring the Waihi asset in late 2015. This year, we have over 25,000 metres of exploration drilling planned and underway at Martha Underground where our focus is on resource conversion. At WKP, we have an additional 5,000 metres of drilling underway as we continue to drill the high-grade East Graben vein and related foot-wall and hanging wall structures. We expect to update the WKP resource mid-2021."

The critical path for success is expected to be resource consenting of WKP and surface projects including the Martha Open Pit Phase 5 and additional tailings storage capacity. The Company has successfully permitted projects in New Zealand over the past 30 years. Through our understanding of the regula-

tory regime, strong reputation as a responsible miner, demonstration of 30 years of responsible mining and rehabilitation and support from local communities, we are confident to advance these projects through the permitting phase.

"The results of the Waihi District Study also show significant socio-economic benefits for the rural communities in the Coromandel region and for New Zealand that can play a critical role in the post-COVID-19 economic recovery. With the potential to extend the mine life out to 2036, we can invest an estimated \$1.4 billion in-country while adding 300 new jobs to our existing 700-person countrywide workforce. OceanaGold has operated responsibly for over 30 years and has already delivered significant benefits to New Zealand over that time."

New 43-101 National Instrument On C1 JV

WOODSTOCK - Joshua Gold Resources Inc. reported that the 43-101 National Instrument document has been completed. Ben Fuschino, CEO said, "This filing of the 43-101 represents the culmination of many years of persistence. The team in the Swayze Greenstone belt area located in the western region of the Abitibi greenstone belt, the gold belt is an established gold mining district having produced over 100 mines, and 170 million ounces of gold since 1901."

New High Grade Oxide **Gold Zone At Black Pine**

VANCOUVER, BC - Liberty Gold Corp. reported additional reverse circulation (RC) drill results from the 2020 drill program at its Carlin-style Black Pine oxide gold property in southern Idaho.

A third high grade oxide gold discovery (D-3 Zone) was identified in close proximity to the D-1 and D-2 zone discoveries made in 2019. The D-3 Zone lies beneath the limit of shallow historical drilling in a stratigraphic unit that is modeled to underlie at least the southern two thirds of the Black Pine gold system. Eight additional holes have extended mineralization over 400 metres (m) in a north-south direction by 250 m in an east-west direction. D-3 remains open for extension in all

directions. Drill hole LBP138 lies at the south end of the zone as currently defined, and returned 1.20 grams per tonne gold ("g/t Au") over 67.1 m, including 2.57 g/t Au over 16.8 m. The hole bottomed in mineralization, with the last 1.54 mlong interval returning 0.84 g/t Au.

"The new drill results confirm that the D-3 Zone is a significant new discovery," said Cal Everett, President and CEO. "Given the grade, thickness and dimensions that are beginning to take shape, we believe that D-3 will have a positive material impact on the resource endowment at Black Pine. Each D-3 drill hole to date contains multiple reportable oxide gold intervals above 0.5 g/t Au."

Herbert Gold Project In Alaska **Commences Program And Testing**

VANCOUVER - Grande Portage Resources Ltd. has commenced drilling, using two 12 hour shifts per day, at its Herbert Gold project in S.E. Alaska. Grande Portage intends to drill approximately 18-20 holes from up to four different platforms which will test up to four separate major veins and their satellite structures. The 2020 drill program is a continuation of previous drilling which successfully tested multiple gold-quartz veins of the Herbert mesothermal vein system with very encouraging results. The current drill program will test targets focusing on the expansion

of the gold-bearing Goat, Main and Deep Trench veins. It will also test the Floyd vein and the newly discovered Elusive vein which was identified by LiDAR and verified on surface as a quartz vein bearing visible gold.

Ian Klassen, CEO, said, "We are excited to commence our much anticipated summer drill program at the Herbert gold project. The Company has generated many very encouraging highgrade drill results in each of its previous drill campaigns. We are now well positioned to follow up on this summer's program which is entirely focused on expansion."



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Exploration Drilling And Preparations For Re-Starting The Gold Road Project

ROAD TOWN, BC - Aura Minerals Inc. provided an update on the status of the Gold Road Project located in Arizona. Gold Road is a narrow vein underground gold mine located in the historical Oatman mining district of northern Arizona, northeast of the California-Nevada-Arizona border and 40 kilometers southwest of Kingman, Arizona.

Historical gold production from the Oatman district has been over two million ounces with Gold Road contributing approximately 746,000 Oz of production.

Since the Acquisition, exploration drilling and preparations for re-starting the underground mine have been the main activities at Gold Road. Preparations for re-starting the underground mine include development of the first 3-D ore model of the deposit and a mine plan based on inferred resources, personnel recruitment, contract miner negotiations, mining equipment mobilization to site, ventilation studies, utility installations and waste haulage to the surface.

Aura initiated a multi-phase drilling campaign in the 2nd quarter of 2020 to both upgrade portions of the inferred mineral resource to measured mineral resource and indicated mineral resource categories and to further delineate the extent of the deposit, which is open down plunge and to both the east and west along strike.

The first phase of the diamond drilling campaign includes approximately 12,900 feet of drilling in 33 holes. The objective of this phase of drilling is to confirm and support the mine plan by upgrading inferred mineral resource blocks to the measured mineral resource and indicated mineral resource categories.

Drilling started in the 3310 zone, which initially is the highest priority stope for development in the mine plan.

The results of first 4 drill holes were very successful and confirmed projected grade from the inferred mineral resources in the current mine plan. They intersected wider intervals than estimated in the preliminary 3-D ore model. These holes delineate resource blocks up to 200 ft below the current mining level in this zone.

The second phase of drilling, scheduled for 2020 and 2021, focuses on additional promising extensions of the ore body that are down plunge and along strike. The objective is to increase the life of mine by expanding the inferred mineral resource.

Drill Holes Completed At Horsethief Gold Property

VANCOUVER - Alianza Minerals Ltd. reported that crews have completed six holes totalling 1,770 metres (5805 feet) of reverse-circulation (RC) drilling at the Horsethief Gold Property, Nevada. This work is funded by partner Hochschild Mining (US). The crew has left site for a mandated break and will return to finish the program on this month.

Six holes have been completed to date, with five reaching target depth. One hole (20HT-RC005) was terminated at 183 metres (600 feet) when it intersected a large void and could not continue. Two holes were completed at the Horsethief North target area, three in the Horsethief South area and one was collared to test the Mustang IP target at depth. Logging is complete and all samples have been shipped to the laboratory for analysis. Analytical results from the initial holes of the 2020 program are expected to be received in mid-July.

Additionally, the Company has mobilized a geophysical crew to conduct approximately 20 line-kilometres of magnetics and 5 line-kilometres of Induced Polarization (IP) survey, extending the existing survey coverage. This is work is undertaken to investigate newly acquired claims that were not included in the original survey.

Drilling at Horsethief follows a very successful 2019 program that included detailed mapping focussed on lithology, structure and alteration of the prospective limestone and dolostone stratigraphy exposed at Horsethief. Significantly, based on lithological characteristics and fossil identification, this work confidently assigned stratigraphic ages ranging from upper Cambrian to lower Ordovician. This is an important age determination as it corresponds to the ages of rocks hosting other major deposits such as the Long Canyon Gold Mine.

Additionally, the 2019 work program identified a new window of upper Cambrian to lower Ordovician-aged carbonate stratigraphy with significant jasperoid alteration in the northeast portion of the property. An additional 26 claims were staked to cover this occurrence as well as prospective stratigraphy identified in the southern portion of the property.

Additional Strong Gold-Silver Values Jewel Ridge Property

VANCOUVER, BC - Golden Lake Exploration Inc. reported positive gold and silver values from reconnaissance prospecting and geological mapping by the Company's geological team on its keystone Jewel Ridge gold property located near the town of Eureka, Nevada.

Strong gold and silver values from selective samples returned up to 5.48 grams per tonne (g/t Au) and 324.0 grams per tonne silver (g/t Ag) from the A & E Target, and up to 14.20 g/t Au and 562.0 g/t Ag from the Croesus-Connelly targets. One grab sample was also taken from the adit area at the South Eureka Tunnel target which returned 9.61 g/t Au and 78.9 g/t Ag This is one of the key targets focused for drilling later this month, directed at Carlin-type, oxide gold mineralization. "Jewel Ridge continues to deliver strong results. With drilling commencing this month we look forward to building this exciting story." said Mike England, CEO and President. The Jewel Ridge property is located on the south end of Nevada's Battle Mountain -Eureka trend. The property comprises 96 unpatented lode mining claims and 30 patented claims covering approximately 728 hectares (1,800 acres). The Jewel Ridge property contains several historic small gold mines. The Company's focus is on Carlinstyle disseminated gold deposits, the primary focus in the area since the late 1970s.



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