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Metals Watch (02/13/18): Gold \$1,328.10 • Silver \$16.54 • Copper \$3.15 • Lead \$1.15 • Zinc \$1.58 • Platinum \$979.00 • Palladium \$980.00 • Molybdenum \$7.26 • Lithium \$133.16

IDAHO

Hecla Mining Has Highest Reserves In 127 Year History

COEUR D'ALENE, ID - Hecla Mining Company reported the highest levels of silver, gold and lead reserves in its 127-year history, as well as the highest zinc reserve in the last five years. Greens Creek increased gold reserves 8% and zinc 7% with silver and lead slightly up. Casa Berardi surface drilling increased reserves almost 250,000 ounces from two new proposed pits, part of a 14% increase in reserves. San Sebastian's gold reserves increased 17% while maintaining silver reserves of more than 5 million ounces. Exploration in 2018 is projected to be between \$30 and \$37 million, up from \$23.5 million in 2017, reflecting the continued growth in targets at Hecla's properties.

"It is a remarkable achievement for a 127-year-old company to have record reserves for three of the four metals it produces, particularly using price assumptions significantly below spot and among the lowest in the industry. It speaks to the quality of our properties and the expertise of our people.

We believe that our investment in exploration is a key step towards generating real value for shareholders. As we grow our reserves and increase our already long mine lives, we can improve productivity by increasing throughput or lowering costs so the mines can generate returns regardless of the metals price," said Phillips S. Baker, Jr., President and CEO. "In addition to reserve growth, we are increasing the San Sebastian polymetal-



At Greens Creek Mine the 839,589 tons processed at the mill contained 10.8 million ounces of silver, 78,245 ounces of gold, 60,858 tons of zinc and 22,870 tons of lead. Greens Creek Mine in southeast Alaska is one of the largest and lowest-cost primary silver mines in the world, and is the cash generating engine of the Company.

lic resource which is quickly becoming an important part of the future of this mine. Our exploration budget is increasing again this year, because we have more exploration opportunities at our operating properties and beyond than any time in my

tenure at Hecla."

Hecla replaced all silver mine production in 2017 (15.2 million silver ounces contained) and increased reserves by 3%. Gold production was also replaced (282,414 gold ounces contained) as reserves increased by 13%.

Both zinc and lead production were replaced and reserves increased by 15% and 8%, respectively.

In Alaska at Greens Creek Mine, the 839,589 tons processed at the mill contained 10.8 million ounces of silver, 78,245 ounces

of gold, 60,858 tons of zinc and 22,870 tons of lead. Silver, gold and base metal production was replaced and silver, gold, zinc, and lead reserves increased by 2%, 8%, 7% and 4%, respectively. Increases in silver and gold reserves at the East, West, Southwest and NWW zones were partially offset by reductions of silver and gold reserves in the 5250, 200 South and 9A zones caused by production. Measured and indicated resources increased by 11,976,100 silver ounces (62%) and 104,500 gold ounces (68%) over 2016 with additions in the East, 200 South, NWW and Upper Plate zones and minor losses at the Southwest and Gallagher zones. Inferred resources decreased by 7,542,200 silver ounces (-19%) and 63,200 gold ounces (-22%) due to large conversions to indicated resources or reserves in the 200 South and East zones.

The Lucky Friday Mine in Idaho, the 70,718 tons processed at the mill contained 875,488 ounces of silver. Silver, zinc and lead production was replaced and reserves increased by 4%, 47% and 10%, respectively. Lucky Friday consists of the main 30 Vein and a series of intermediate

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Dated Material — RUSH

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NEVADA

Updated Mineral Reserves And Resources For Fire Creek

RENO, NV - Klondex Mines Ltd. reported Mineral Reserve and Mineral Resource update for the Fire Creek mine located in northern Nevada. An updated technical report titled "Technical Report for the Fire Creek Project, Lander County, Nevada" dated February 5, 2018 with an effective date of November 30, 2017, has been

filed. Fire Creek Mineral Reserve and Resource Highlights include an increase in total Measured, Indicated and Inferred Mineral Resource driven by the addition of the open pit (Mars Pit) resource; Increase in total (underground and open pit) Measured and Indicated (M&I) Mineral Resource to 1.6M AuEq oz

from 505k AuEq; A increase in total (underground and open pit) Inferred Mineral Resource to 1.6M AuEq oz from 507k AuEq; and underground Mineral Proven and Probable (P&P) Mineral Reserves of 229k AuEq oz.

Brian Morris, Senior Vice President, Exploration, said, "We had great success with our drill programs at Fire Creek in 2017. Results included signifi-

cant growth of our indicated and inferred resource, driven by the addition of the Mars Pit.

Furthermore, our underground resource is expanding to the northwest of existing mine workings. This area now contains approximately 30% of the total underground resource ounces.

The Zeus target, discovered in 2016, now provides 100k gold ounces to our inferred

resource estimate alone." Morris continued, "With ongoing district-wide exploration and the 9-haulage development to the northwest in 2018, which will provide access for infill drilling, I fully expect to see continued growth of our underground and open pit resource at Fire Creek."

The company's address is 6110 Plumas St., Reno, NV 89519, (775) 284-5757, fax: (775) 284-5756.

UTAH

Maiden Resource Estimate For The Goldstrike Deposit

VANCOUVER - Liberty Gold Corp. reported a maiden independent resource estimate at its Goldstrike Oxide Gold project in southwestern Utah. This resource estimate crystallizes 3 years of data compilation and drilling, and is a strong foundation on which to layer engineering, metallurgical studies, as well as ongoing expansion drilling. It is a key asset in Liberty Gold's portfolio of advanced-staged,

Carlin-style gold projects in the Great Basin of the United States.

The Classified Mineral Resource estimate is quoted at a cut-off grade of 0.25 grams per tonne gold (g/t Au) and consists of: An indicated resource of 865,000 ounces of gold at an average grade of 0.54 g/t Au (49,553,000 tonnes); and an inferred resource of 274,000 ounces of gold at an average grade of 0.52 g/t Au (16,443,000 tonnes).

Commenting on these results, Cal Everett, President and CEO of Liberty Gold stated, "We are thrilled to release the first resource estimate for our flagship Goldstrike Property, the result of three years of hard work by our brilliant geological team. We have exceeded our initial resource target expectation and will continue to drill and expand the Goldstrike Deposit as well as the new discoveries that surround it. This is an important first step in turning a 24 year-old, past-producing mine into a modern, multi-million ounce mining project."

Drilling will focus on expanding the resource, as well as testing of new targets property-wide. Goldstrike is located in the eastern Great Basin, immediately adjacent to the Utah/Nevada border, and is a Carlin-style gold system, similar in many ways to the prolific deposits located along Nevada's Carlin trend.



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Annual Gold Production At The Mineral Ridge Project

VANCOUVER - Scorpio Gold Corporation reported operating results for the full year and the fourth quarter (Q4) of 2017 at its 70% owned

Mineral Ridge project, located in Nevada. Total gold production in 2017 was 19,045 ounces, which slightly exceeded the Company's low-end guidance of

19,000 ounces. The annual production for 2017 of 19,045 ounces represents a decrease of 48% over the prior year. Gold production in Q4 2017 totalled

3,709 ounces representing a decrease of 55% from Q4 of 2016. Mine production decreased in 2017 due to mining 47% fewer ore tonnes, although average grades were 9% higher as compared to the prior year.

Brian Lock, CEO, said, "As previously announced, mining was suspended in the first week of November 2017. Earlier this month, the Company announced results from Mine Technical Services on the mineable, higher-grade mineralization in the existing pits at Mineral Ridge and a positive updated feasibility study, which supports the Company's plans for the construction of a 4,000 TPD milling facility with CIL recovery and dry stack tailings circuit. Construction of the milling facility will begin once financing is obtained and the Plan of Operations Amendment and Water Pollution Control permit are approved and issued."

Scorpio Gold holds a 70% interest in the Mineral Ridge

gold mining operation located in Esmeralda County, Nevada with joint venture partner Elevon, LLC (30%). Mineral Ridge is a conventional open pit mining and heap leach operation. Mining at Mineral Ridge was suspended in November 2017; however, the Company continues to generate limited revenues from residual but diminishing recoveries from the leach pads.

Scorpio Gold also holds a 100% interest in the advanced exploration-stage Goldwedge property in Manhattan, Nevada with a fully permitted underground mine and 400 ton per day mill facility.

The Goldwedge mill facility has been placed on a care and maintenance basis and can be restarted immediately when needed.

The company's address is 595 Howe St., Vancouver, BC V6C 2T5, (604) 678-9639, fax: (604) 558-1136, email: scorpio@scorpiogold.com, web: www.scorpiogold.com



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New Host Rock Units With Deep Drilling At Pamlico Project

VANCOUVER - Newrange Gold Corp. reported multiple new rock units favorable for hosting gold mineralization have been identified in the Merritt target area at the Company's 100% controlled Pamlico Project in western Nevada.

In particular, the Company has now verified quartz veining and silicification in favorable volcanic and limestone sedimentary host rock units over an extended vertical range of at least 366 meters in the Merritt area, far deeper than any previous exploration efforts.

Newrange's downhole logging and assay results from 32 reverse circulation holes drilled in 2017, including two deeper holes (stratigraphic holes) drilled to identify host rock zones, have been integrated with detailed geologic mapping to create a rock type column (stratigraphic section) that is key to understanding controls to gold mineralization at Pamlico. The Company's compilation of the stratigraphic section delineates at least four new target horizons for follow-up exploration within a newly recognized deeper favorable host rock sequence and additional targets in overlying host rocks.

Highly successful, the two deeper stratigraphic holes which were designed to test for

favorable host rocks at depth also encountered geochemically significant gold (10 to 150 ppb) and silver (0.3 to 25.6 ppm, equivalent to 25.6 grams per metric tonne) associated with elevated levels of iron, sulfur, copper, zinc and thallium, all common accessory metals in Nevada gold systems. This confirms a metal rich system with similar geochemical characteristics as observed in near surface mineralization at Pamlico is also present in these favorable deeper volcanic units.

This recent work combined with the property wide geophysical surveys highlights Pamlico's upside exploration potential for bulk mineable gold mineralization in addition to zones of high-grade gold like those drilled by Newrange in the Merritt area, and historically mined in shallow underground mines throughout the district. Very importantly, all drilling confirms widespread, extremely deep levels of oxidation which extends approximately 200 meters below the surface, resulting in a potentially a highly favorable metallurgical characteristic.

The Pamlico Property, including the Merritt and Pamlico Ridge areas are underlain by alternating sequences of bimodal volcanic rocks composed

of a) stronger, harder rhyolitic rocks interlayered with b) weaker intermediate composition, latitic, andesitic and dacitic rocks.

Gold mineralization is dominantly hosted in the structurally weaker, intermediate volcanic rocks which are more easily broken and sheared than the stronger rhyolitic units, although rhyolitic units can also be significant gold hosts locally. Gold mineralization in this overall sequence is dominated by veins and veinlets of iron oxides and minor quartz that range from hairline to 4 meters wide that are controlled by both high angle "feeder" type structures and flat to moderately dipping structures that are focused in the weaker more friable intermediate volcanic units.

The Company is currently conducting expanded surface and underground mapping and sampling programs. This work is being integrated with the Company's drill results and geophysical programs to develop high priority targets for follow-up drilling.

Drilling is planned to resume later in Q1 2018 and will include maiden drill testing of select sediment hosted mineralization as well as expanded step-out drilling of volcanic hosted mineralization along

trend and in multiple new target areas.

Assay results for the remaining holes of the Phase II drilling program completed late last year remain pending.

The company's address is 580 Hornby St., Suite 510, Vancouver, BC V6C 3B6, (604) 669-0868, fax: (604) 558-4200, info@newrangegold.com, www.newrangegold.com.

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Rattlesnake Hills Project Drill Program In Wyoming

SASKATOON - GFG Resources Inc. reported the remaining assay results and provide a summary of its 2017 exploration drill program at its 100% controlled, Rattlesnake Hills Gold

Project in Wyoming. The 2017 exploration program consisted of 46 holes or 13,783 metres of drilling focused on four brownfield targets and four greenfield targets. The program was designed to take an aggressive

which will have a significant impact in future geological and resource modelling. And at the Antelope Basin deposit, we drilled three holes targeting the eastern flank of the deposit and demonstrated gold mineralization



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approach to expand the areas of known mineralization and to test new targets in the district that have similar geological and geophysical signatures to North Stock and Antelope Basin. Historic drilling and the 2017 brownfield drilling will be incorporated in a maiden National Instrument 43-101 resource estimate expected to be announced in the second quarter of 2018.

Brian Skanderbeg, President and CEO, said, "The results from our 2017 drill program met our main objective of expanding the areas of known mineralization and demonstrating the scale of the district. We were successful at significantly expanding the western and southwestern extensions at North Stock by 175 metres and 150 metres, respectively. Drilling in the Middle Ground between North Stock and Antelope Basin continued to outline a sheet of mineralization connecting the two deposits

extents at least 200 metres eastward and may link with the Cowboy target. Our focus is now on interpreting the geological data from nearly 100,000 metres of drilling to move ahead with a maiden resource estimate in the second quarter of 2018."

In 2018, the Company will continue to advance the Rattlesnake Hills Gold Project with a focus on expanding the brownfield environment and testing several greenfield targets. Over the next several months, the Company's main focus will be to complete geological and resource modelling to support a maiden National Instrument 43-101 resource estimate. The Company expects to announce the resource estimate in the second quarter of 2018.

The company's address is Suite 202, 640 Broadway Ave., Saskatoon, SK S7N 1A9, (306) 931-0930, email: info@gfgresources.com.

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Potential New Long Term Projects & Net Income Of \$1.8 Billion

PHOENIX, AZ - Freeport-McMoRan Inc. President and CEO, Richard C. Adkerson, said during 2017, "The company reported net income of \$1.0 billion for fourth-quarter 2017 and \$1.8 billion for the year 2017, compared with net income of \$292 million for fourth-quarter 2016 and a net loss of \$4.2 billion for the year 2016. Our global team's focus on productivity and cost and capital discipline, together with improved market conditions for copper, produced solid results."

Through exploration drilling, FCX has identified a significant resource at its wholly owned Lone Star project located near the Safford operation in eastern Arizona. It has commenced a project to develop the Lone Star oxide ores with first production expected by the end of 2020. Total estimated capital costs for the project, including mine equipment and pre-production stripping, approximates \$850 million and will benefit from the utilization of existing infrastructure at the adjacent Safford operation. Production from the Lone Star oxide ores is expected to average approximately 200 million pounds of copper per year with an approximate 20-year mine life. The project also advances the potential for development of a larger-scale district opportunity. Additional drilling continues to evaluate longer term opportunities available from the significant sulfide potential in the Lone Star/Safford minerals district.

In North America, consolidated copper sales volumes of 354 million pounds in fourth-quarter 2017. North America copper sales are estimated to approximate 1.5 billion pounds for the year 2018. The Morenci, Bagdad, Safford, Sierrita and Miami in Arizona, and Chino and Tyrone in New Mexico in addition to copper, certain of the copper mines produce molybdenum concentrate, gold and silver. FCX has significant undeveloped reserves and resources in North America and a portfolio of potential long-term development projects.

FCX operates two copper mines in South America - Cerro Verde in Peru and El Abra in Chile. South America's consolidated copper sales volumes of 312 million pounds in fourth-quarter 2017. Sales from South America mining are expected to approximate 1.2 billion pounds of copper for the year 2018.

Through its 90.64 percent owned and consolidated subsidiary PT-FI, FCX's assets include one of the world's largest copper and gold deposits at the Grasberg minerals district in Papua, Indonesia. PT-FI operates a proportionately consolidated joint venture, which produces copper concentrate that contains significant quantities of gold and silver. PT-FI is currently mining the final phase of the Grasberg open pit, which contains high copper and gold ore grades. PT-FI expects to mine high-grade ore over the next several quarters prior to transitioning to the Grasberg Block Cave underground mine in the first half of 2019.

PT-FI has several projects in the Grasberg minerals district related to the development of its large-scale, long-lived, high-

grade underground ore bodies. In aggregate, these underground ore bodies are expected to produce large-scale quantities of copper and gold following the transition from the Grasberg open pit. Substantial progress has been made to prepare for the transition to mining of the

Grasberg Block Cave underground mine. Mine development activities are sufficiently advanced to commence caving in early 2019. The ore flow system and underground rail line are expected to be installed during 2018. Assuming achievement of planned operating rates for 2018,

consolidated sales volumes from Indonesia mining are expected to approximate 1.2 billion pounds of copper and 2.4 million ounces of gold for the year 2018

At the company's two molybdenum mines: the Henderson underground mine and the Climax open-pit mine, both in

Colorado, production from the mines totaled 8 million pounds of molybdenum in fourth-quarter 2017. The Henderson and Climax mines produce high-purity, chemical-grade molybdenum concentrate, which is typically further processed into value-added molybdenum chemical products.

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Hecla Mining Highest Reserves In 127 Year History...

veins. Several costs, such as the former silver and hourly bonus and new base wages, which were previously accounted for in

“other costs,” are now being included in the production costs per ton when determining the cutoff grade for reserves and

resources. The 30 Vein represents 75% of the silver, 76% of the lead and 66% of the zinc of the total reserve. The 30 Vein reserve was extended to depth where a portion of the resource was drilled to indicated category, and reserves were increased in the area where the 30 and 40 veins merge to create a wide, high-grade zone that has higher zinc content. Due to the increased production costs, the cutoff grade increased significantly causing measured and indicated resources of silver, lead and zinc to decrease by 44%, 46% and 47%, respectively, as large segments of the intermediate veins are no longer above cutoff. There was also a decline in inferred resources as silver, lead and zinc decreased by 28%, 28% and 14%, respectively.

At the Casa Berardi Mine in Canada, the 1,296,228 tons processed at the mill contained 180,373 ounces of gold, with 805,062 tons (62%) of the milled tonnage coming from underground and 491,166 tons (38%) of the milled tonnage coming from the EMCP open pit. Reserve tonnage at Casa Berardi increased 34% and contained gold increased approximately 14% to 1.49 million ounces. Underground production from the 118, 123 and 124 (Principal) zones was offset by reserve additions in those zones and new reserves defined in the East Mine underground. There was an overall reduction in underground reserves of 21,600 gold ounces. Open pit production from the EMCP was more than offset by reserve gains at the 134 and 160 zone open pits for a gain of

205,700 gold ounces. Measured and indicated gold resources decreased 6% with increases at the 124 (Principal underground), 134 (Out of pit), SW (107), 118, and 123 zones that were countered by losses at the East Mine underground and in the 160 and 134 zones as this material was converted into reserves. Inferred resources were added at Casa Berardi with a 14% increase in contained gold ounces due to increases at the 160 (underground), SW (107), 134 (Out of Pit), and 119 zones. There were losses to inferred resources as resources were upgraded to indicated category in the 134 Pit, Principal underground and 118 zones.

At the San Sebastian Mine in Mexico, the 144,197 tons processed at the mill contained 3.45 million ounces of silver and 26,676 ounces of gold. Gold and silver production was replaced and gold reserves increased by 6,100 ounces (17%) and silver decreased by 80,000 ounces (1%). Open pit mining ceased by the end of the year and production has shifted to underground mining along the Middle Vein. At the end of the year there was an ore stockpile containing 711,700 silver ounces and 5,800 ounces of gold. Indicated mineral resources include 8,795,900 silver ounces and 103,000 gold ounces which are an increase of 6% for silver and a decrease of 10% for gold as there was a conversion to underground mineral reserves at the Middle Vein. Inferred resources increased 4% for silver and 7% for gold but a substantial portion of the Hugh Zone that was recently drilled

was not included in the inferred resource but is expected this year.

An important development at San Sebastian is the identification and expansion of polymetallic mineralization in both the Francine Vein (Hugh Zone) and the West Middle Vein. The current “polymetallic” or “sulfide” indicated resource is 531,900 tons containing 3.7 million silver ounces, 15,800 ounces of gold, 15,520 tons of lead, 20,350 tons of zinc and 9,020 tons of copper. In addition, there is an inferred resource of 1.3 million tons containing 6.7 million ounces of silver, 7,800 ounces of gold, 23,660 tons of lead, 33,770 tons of zinc and 19,520 tons of copper. In the last half of 2017, drilling defined significant east and west extensions of the Hugh Zone resource and a new discovery of polymetallic mineralization at the west end of the Middle Vein. Current resources include some of the polymetallic mineralization drilled in the Middle Vein but does not yet include the 300-foot east and west extensions of strong mineralization beyond the current Hugh Zone resource boundaries.

Established in 1891, Hecla is headquartered in Coeur d’Alene, Idaho, and has a sister office in Vancouver, BC. Heck’s philosophy is to operate mines safely by promoting a deeply-rooted value-based culture, leveraging mining skills developed over the company’s long history, and by innovating new practices.

The company’s address is 6500 North Mineral Drive, Suite 200, Coeur d’Alene, ID 83815, 208.769.4100, fax: 208.769.7612, www.hecla-mining.com.



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Coeur Reports Increased Production

CHICAGO, IL - Coeur Mining, Inc. announced record fourth quarter silver equivalent production of 11.7 million ounces, consisting of 4.5 million ounces of silver and 119,114 ounces of gold. Silver equivalent production increased 23% quarter-over-quarter and 17% year-over-year. Silver production increased 15% quarter-over-quarter and 17% year-over-year, while gold production increased 28% and 16%.

Full-year 2017 silver equivalent production, also the highest in Company history, totaled 39.4 million ounces, which was 9% higher compared to 2016. Full-year silver production was 16.4 million ounces, 11% higher than in 2016 and at the high-end of the Company's guidance of 15.3 - 16.6 million ounces. Full-year gold production was 383,444 ounces, 7% higher than in 2016 and in-line with Company guidance of 367,000 - 392,000 ounces. Production growth was driven primarily by the Palmarejo mine, where 2017 silver equivalent production increased 64% compared to 2016.

In 2018, Coeur expects to produce 36.6 - 40.0 million silver equivalent ounces, consisting of 12.8 - 14.4 million ounces of silver, 355,000 - 375,000 ounces of gold, and 23.0 - 28.0 million pounds of both zinc and lead. Metal sales for the fourth quarter of 4.6

NEW YORK

Phase Drilling On Calumet-Sud Project

MONTREAL - Sphinx Resources Ltd. and its partner SOQUEM reported the start of a new diamond drilling program comprising of 10 holes totalling approximately 500 m on the Calumet-Sud zinc project in New York.

This campaign follows the discovery of new and extensive zinc mineralization on surface as part of a stripping program on the Sonny and Sonny West zones of the Project. The program aims to identify the continuation of the mineralization outside the stripped area and to investigate mineralization under the surface exposures. The discovery area is located 2 km from the historic New Calumet Mines Limited zinc-lead-silver-gold mine, which produced 3.8 million tonnes of ore at a grade of 5.8% Zn, 1.6% Pb, 65 g/t Ag et 0.4 g/t Au from 1944 to 1968.

The Project is part of the larger Ziac zinc district. This emerging zinc play is a 40-km long northwest trending corridor defined by zinc and lead-bearing dolomitic marbles typical of the Balmat-Edwards-Pierrepoint zinc district, located in the state of New York. The drilling program will be carried out by Forage M3 Drilling de Brownburg-Chatam.

The Calumet-Sud project consists of 21 claims. The project is adjacent to Sphinx's owned 100% owned GPd project.

The company's address is Suite 2100, 1000 De La Gauchetière Ouest, Montreal, QC H3B 4W5, (514) 979-4746, sphinxresources.ca.

million ounces of silver and 123,675 ounces of gold, or 12.0 million silver equivalent ounces, were in-line with production. Full-year metal sales of 16.9 million ounces of silver and 410,715 ounces of gold, or 41.6 million silver equivalent ounces, reflects a reduction in inventory carried over from 2016.

The Palmarejo, in Mexico, and Kensington, in Alaska, exploration programs were expanded throughout the year following encouraging drill results. At Palmarejo, expansion of the Nación-Dana, La Bavisa, and Zapata veins remain a priority with two drill rigs active at Nación-Dana as of year-end. Underground drifting was also underway in anticipation of drilling the newly-discovered Portales and Jacobo veins, east of Guadalupe, as well as the Zapata and Madero veins, west of Guadalupe. The Company's year-end 2017 reserves and resources include initial reserve estimates at

Nación and new inferred resources at Zapata and La Bavisa.

Exploration at Kensington continued to target expansion of the Raven vein, lower Kensington Main Block L, and lower Jualin Vein #4 during the quarter. An initial reserve estimate at Jualin is expected to be included in Kensington's updated technical report anticipated late in the first quarter of 2018.

At Silvertip in Canada, underground development drilling began early during the fourth quarter and targeted resource conversion, while underground access was undergoing preparation for multiple drill rigs in 2018. Results of the planned infill and expansion drill programs are expected to be included in an updated technical report anticipated in the second half of 2018.

The company's address is 104 S. Michigan Avenue, Suite 900, Chicago, IL 60603, (312) 489-5800, www.coeur.com.



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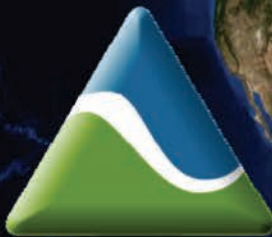
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New Zone Discovered At The Copper King Deposit

ELKO, NV - U.S. Gold Corp. reported the discovery of a new zone of base and precious metals mineralization west of the existing Copper King deposit. A four-hole, reverse circulation drilling program (3,945 feet/1,202 meters total) is completed, and assays from Bureau Veritas Minerals (BV Labs), Reno, Nevada, have been obtained. Hole number CK17-01rc encountered a composite of almost 700 feet of base and precious metal mineralization beginning almost at the surface.

The fall 2017 Copper King four-hole drilling program was designed to provide a first-pass drill test of anomalies obtained from a ground magnetics survey conducted in June combined with an induced polarization (IP) survey conducted by Zonge Geosciences Inc. in October 2017. Both geophysics programs were more detailed and comprehensive than previous surveys conducted on the project. Objectives of the IP survey were to 1.) delineate sulfide concentrations via the chargeability and 2.) discriminate lithologies via the resistivity. Rock magnetic expressions were delineated with the earlier ground magnetics survey. Gold mineralization at Copper King is known to be commonly, but not necessarily exclusively, associated with magnetite. The association of copper sulfide mineralization with gold mineralization in the historic mining area suggested that IP would be the more appropriate technique for detection of similarly mineralized material.

The Copper King project is largely located on State of



Wyoming managed lands.

Assay results and interval thicknesses obtained in CK17-01rc are similar in value and character to assay intervals encountered in the Copper King deposit "main zone." Assay results and characteristics of mineralization in this hole indicate the presence of a heretofore previously undiscovered zone of significant mineralization on the Copper King project. The chargeability anomaly, drilled by hole CK17-01rc is the strongest anomaly obtained by the IP survey on the property, and it is an anomaly that had not previously been specifically tested by drilling.

Dave Mathewson, VP of Exploration, said, "This is an exciting turn of events for the Copper King project. Copper King has had a long history of several exploration programs conducted by numerous companies. This zone of mineralization, identified in hole CK17-01rc, apparently escaped all previous detection and, just as importantly, the bulk of this particular chargeability anomaly has not been drill-tested. We look forward to the prospect of building a greater metal endowment on the Copper King prop-

erty. A follow-up drill program is currently being planned."

Edward Karr, President and CEO commented, "We are very encouraged with this western step-out hole. This new zone of mineralization is 200 meters away from the existing deposit. This new discovery zone has shown consistent mineral grade from near the surface to the bottom of the hole. Mine Development Associates updated our Copper King Preliminary Economic Assessment technical report. The current known deposit shows a Net Present Value of \$178.5 million at \$1,275 gold and \$2.80 copper.

An infill drilling program is being planned and designed to connect this new discovery zone back to the existing deposit. In addition, the best part of the IP anomaly is further west from this step-out hole. We believe this new discovery zone could extend further west and add additional potential upside to the known deposit. The presence of silver and zinc could also increase the overall future Copper King value."

The company's address is 205 S. 11th Street, Elko, NV 89801, (800) 557-4550, www.usgold-corp.gold.

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ALASKA

Mining Rights Acquired To Land Next To Fort Knox Mine

TORONTO, ON - Kinross Gold Corporation has gained mineral rights to a 287-hectare (709-acre) parcel of land known as Gilmore located immediately west of its Fort Knox mine in Alaska. As a result, Kinross added 2.1 million gold ounces in estimated measured and indicated resources and 300 koz in estimated inferred resources at Fort Knox. Kinross began an initial drilling program on Gilmore land, and Fort Knox land adjacent to Gilmore, in 2014. The Company targeted promising

opportunities in the existing Fort Knox orebody, which continues west, and completed approximately 73,000 metres of core and reverse-circulation drilling in 205 holes.

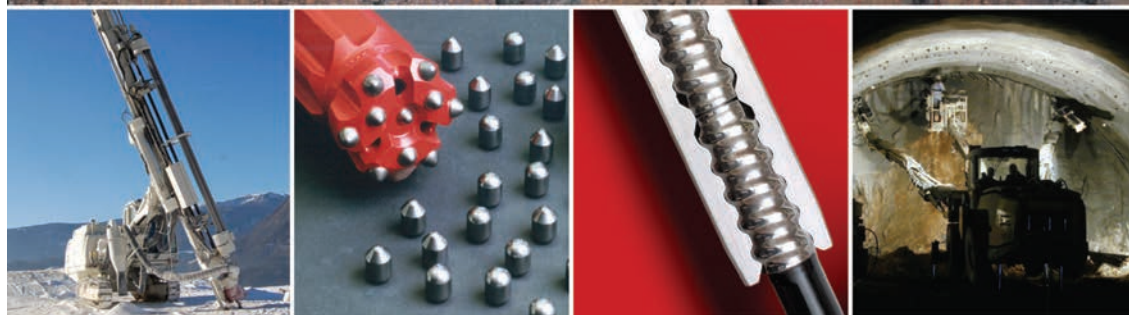
The results of the drilling program, engineering work and the acquisition of the mineral rights resulted in the update of the Fort Knox mineral reserve and resource estimates, including additions to measured and indicated resource estimates and inferred resource estimates. The Company also converted approxi-

mately 260 koz of mineral resources, which was mainly from the East wall of the Fort Knox pit, to proven and probable reserves. The conversion offset some of the reserve depletion in 2017 and resulted in an increase to Fort Knox's estimated mine life by approximately one year.

Kinross has commenced a Gilmore feasibility study that will analyze a layback of the current Fort Knox pit to access known mineralization on Fort Knox and Gilmore land to potentially extend mine life. Further drilling

and engineering are planned at Gilmore to evaluate the potential of upgrading a significant portion

said J. Paul Rollinson, President and CEO. "Fort Knox is one of Kinross' largest producing mines



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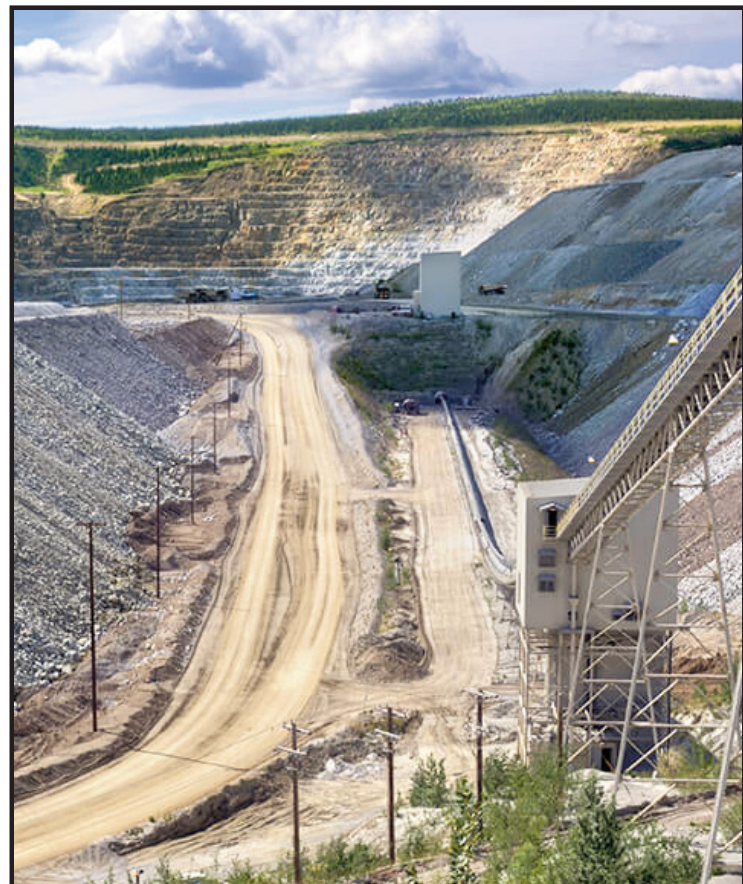
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of the site's estimated measured and indicated resources and adding to its inferred mineral resource estimate. The Company expects to provide an update on the feasibility study in mid-2018. The Company also expects to initiate the permitting process for mining at Gilmore by year end.

"Gilmore is a promising organic development opportunity that can potentially extend mine

and a centre of excellence for the Company as one of the few cold weather heap leach facilities in the world. In 2016, the site poured its seven millionth ounce of gold, 20 years into its mine life. Fort Knox is an open-pit gold mine in one of the largest gold producing areas of the state. It is mined by conventional open-pit methods, with ore processed at a mill and heap leach facility.



life at our Fort Knox mine in Alaska, one of our top producing and high performing operations,"

The mill has a daily capacity of up to 45,000 tonnes per day, with large volumes of lower grade ore and mineralized waste materials processed in the heap leach. With the Gilmore project, we continue to deliver on our strategy of pursuing low-risk, high-potential brownfield projects that can contribute to the long-term future growth of our Company."

The Gilmore land was conveyed to the State of Alaska by the United States on December 11, 2017. Upon the conveyance, the Company's state mining claims at Gilmore came into effect. The conveyance resulted from the close cooperation and support of the U.S. National Oceanic and Atmospheric Administration, the U.S. Department of the Interior, the State of Alaska and the Alaska Congressional Delegation.

Founded in 1993, Kinross Gold is a senior gold mining company with a diverse portfolio of mines and projects in the United States, Brazil, Chile, Ghana, Mauritania, and Russia. Head-quartered in Toronto, Canada, Kinross employs approximately 9,300 people worldwide. The Company is focused on delivering value through operational excellence, balance sheet strength, disciplined growth, and responsible mining.

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Positive Assays From Resource Drilling At The Fremont Project

TORONTO - California Gold Mining Inc. reported the first set of assay results from the recently commenced resource drilling program at the Queen Specimen zone at its flagship Fremont Project in Mariposa County, California. These results advance the Company's main objective of generating a second mineral resource on the Property covering the newly identified Queen Specimen mineralized zone. This zone is located in the north-west portion of the Property, and constitutes roughly 750m of strike length, out of the total four kilometers strike of the Mother Lode shear zone (the "Shear Zone") on the Property.

The Company's current NI 43-101 open pit-constrained mineral resource of 515,000 ounces grading 1.71 g/t gold in the Indicated category, and an additional 364,000 ounces grad-

ing 1.44 g/t gold in the Inferred category, only encompasses the Pine Tree-Josephine zone within the Property. The Pine Tree-Josephine zone hosts two historical underground gold mines, and covers a strike length of roughly one kilometre, out of a total strike of four kilometres over which the Shear Zone is interpreted to extend on the Property.

Vishal Gupta, California Gold's President and CEO, said, "These results are exactly what we were hoping to see. We are extremely pleased with the substantial grades and sizeable widths intersected at the Queen Specimen zone that lies to the north of the Pine Tree-Josephine zone where the current NI 43-101 compliant mineral resource for Fremont is hosted. These latest results indicate the continua-

tion of the near-surface gold mineralization along the strike of the Shear Zone and support our thesis that there is potential to significantly expand the current open pit-constrained mineral resource at Pine Tree-Josephine along strike at Queen Specimen. Having already demonstrated positive metallurgical results in 2014, California Gold aims to distinguish Fremont as one of the best emerging gold projects in North America by incrementally adding to its sizeable current mineral resource. In addition to the Pine Tree-Josephine and Queen Specimen deposits, the Fremont Project hosts numerous other very promising mineralized targets that will be the Company's focus following the completion of the second mineral resource."

Railroad Gold Project New Shallow Oxide Gold Deposit Confirmed

VANCOUVER - Gold Standard Ventures Corp. reported results from three reverse-circulation (RC) drill holes at Jasperoid Wash, on claims recently added to its 100%-owned/controlled Railroad Gold Project in Nevada's Carlin Trend. Jasperoid Wash is located approximately 6 km south of the Pinion Deposit and 7.5 km southwest of the Dark Star Deposit. These three holes are a portion of Gold Standard's 2017 US\$15.5 million exploration program.

The Jasperoid Wash drilling was designed to (1) follow-up on results in JW17-01 which intersected 103.7m of 0.56 g Au/t, including a higher-grade zone of 30.5m of 0.93 g Au/t; and (2) target structural zones and elevated surface geochemistry within a 2km by 0.5 km block of pervasively oxidized and altered debris flow con-

glomerate in the favorable Pennsylvanian-Permian host section. All three RC holes intersected thick zones of near-surface, oxidized mineralization, effectively increasing the size and grade of the shallow oxide gold zone drilled in JW17-01. The new deposit remains open in all directions. Results from seven additional RC holes and one core hole are pending.

Jonathan Awde, CEO and Director of Gold Standard commented: "Jasperoid Wash appears to be emerging as another important deposit for Gold Standard. These results remind us of the early days at North Dark Star where we encountered the same style of mineralization with similar grades and thicknesses. We plan to drill this target aggressively this year with the aim of reporting a maiden resource in 2018."



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Barrick Preliminary Full Year Production Results

TORONTO, ON - Barrick Gold Corporation announced preliminary full year gold production of 5.32 million ounces for 2017, in line with the Company's adjusted guidance of 5.30-5.50 million ounces, and preliminary full year gold sales of 5.30 million ounces. Preliminary fourth quarter gold production was 1.34 million ounces, and preliminary fourth quarter gold sales were 1.37 million ounces. The average market price for gold in the fourth quarter was \$1,275 per ounce.

Preliminary full year copper production was 413 million pounds, slightly below the Company's adjusted guidance of 420-440 million pounds for 2017, but in line with the original full year guidance of 400-450 million pounds. Preliminary full year copper sales were 405 million pounds. Preliminary copper production in the fourth quarter was 99 million pounds, and preliminary copper sales in the fourth quarter were 107 million pounds.

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Goldcorp Expected To Produce 2.5M Ounces Of Gold In 2018

VANCOUVER, BC - "Since we restructured our business during the first half of 2016 to drive a culture of accountability and sound operating principles, we have delivered consistent, predictable and low-cost gold production," said David Garofalo, President and Chief Executive Officer of Goldcorp Inc. "We are well underway to deliver on our 5-year plan of growing gold production and gold reserves by 20% and reducing AISC by 20% by 2021. With the most robust growth pipeline among global senior gold companies, we are making an initial investment of \$100 million in our long-term portfolio 'Beyond 20/20'. Together with an enhanced exploration budget of \$125 million, the objective of Beyond 20/20 is to maximize the net asset value of our existing mines and projects by continuing to grow low-cost gold pro-



duction from our growing gold reserves."

Goldcorp expects to produce 2.5 million ounces (+/- 5%) of gold in 2018, in line with previ-

ous guidance; AISC are expected to decline further to approximately \$800 per ounce (+/- 5%) as the Company continues to realize savings from its pro-

gram targeting \$250 million of annual sustainable efficiencies. The Company's 20/20/20 plan remains unchanged. As previously guided, gold production is expected to increase 20% to 3 million ounces by 2021. AISC are expected to decrease by 20% to approximately \$700 per ounce over the same period driven by increased gold production and the ongoing focus on cost efficiencies and produc-

tivity improvements. Building on the successful conversion of 4.7 million ounces of gold into reserves at the Century project in 2017, gold reserves are expected to increase by 20% to 60 million ounces by 2021 supported by the exploration potential and ongoing programs.

The company's address is Suite 3400, 666 Burrard Street, Vancouver, BC V6C 2X8, (604) 696-3000.

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and following a successful 2017 buoyed by improved financing across the sector it appears the worst of the economic downturn is behind us.

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Last year, PDAC and the World Economic Forum co-hosted the 2nd International Mines Ministers' Summit (IMMS) that brought together international Mines Ministers from around the world and was led by Canada's Minister of Natural Resources, the Honourable Jim Carr. The IMMS returns in 2018, providing an important setting for the mining community to collaborate.

Best-selling author, economic consultant and investment adviser A. Gary Shilling is confirmed as the Mineral Outlook Luncheon speaker, as well as an excellent assortment of presenters, short courses, programs, social and networking opportunities.

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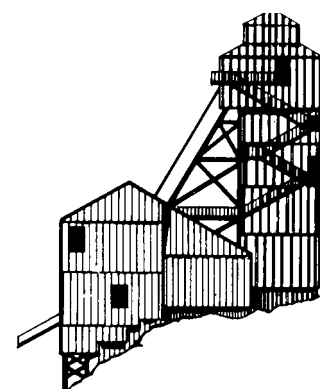
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TMM Project Will Result In Billions For Economic Growth

ST. PAUL, MN - The Twin Metals Minnesota (TMM) Project is focused on designing, constructing and operating an underground copper, nickel, platinum, palladium, gold and silver mining project. Located approximately nine miles southeast of the city of Ely, Minnesota, and 11 miles northeast of the city of Babbitt, Minnesota, the TMM Project targets the valuable minerals within the Maturi deposit, part of the Duluth Complex geologic formation.

TMM continues advancing compact and efficient designs for a project that will process approximately 20,000 tons of mineralized ore per day. Underground mining operations allow for maximizing underground storage of waste rock and tailings, minimizing the impacts of mining activities. Ongoing studies are focused on detailed engineering, economic and site-specific environmental studies of the project details, facilities locations and more. These studies will culminate in the formal mine plan of operation (MPO)

In December Twin Metals Minnesota issued the following statement in response to action by the U.S. Department of Interior (DOI) to reaffirm Twin

Metals' right to renewal of two federal mineral leases held in Northeast Minnesota for more than 50 years. The DOI action withdraws and replaces a March 2016 DOI legal opinion that served as the basis for the December 2016 action by the Bureau of Land Management (BLM) and the U.S. Forest Service (USFS) to deny the renewal of the two Twin Metals leases. Twin Metals' federal leases are important components of the underground mine project proposal the company is preparing for submittal to state and federal agencies for extensive review through an Environmental Impact Statement.

"Twin Metals is pleased with action by the U.S. Department of the Interior to reaffirm Twin Metals' right to renewal of federal mineral leases held in Northeast Minnesota for more than 50 years. The decision is an important first step to ensure the certainty of investments in U.S. mining projects and to reaffirm long-standing property rights and the rule of law. The DOI's new legal position also paves the way for federal agencies to reverse previous actions denying renewal of Twin Metals' federal leases. In response to the DOI's action,

Twin Metals dismissed its federal lawsuit challenging the Department's previous legal opinion and denial of lease renewal. Twin Metals looks forward to working with the agencies through the proper process of renewing the company's leases."

Twin Metals' federal mineral leases were first issued by the federal government in 1966 with a right of unlimited, successive 10-year renewals. The leases

were renewed by BLM and USFS without controversy in 1989 and again in 2004. Twin Metals filed for the third renewal of the leases in late 2012. The legal opinion issued by the DOI in March 2016 served as the foundation for the government denying the company's lease renewal application. Twin Metals filed a federal lawsuit challenging the DOI's legal opinion in September 2016.

Twin Metals has invested more than \$400 million to date in acquisition, exploration, technical, environmental, and other project development activities. The Twin Metals project will meet all state and federal environmental standards, provide hundreds of jobs for generations of Minnesotans, and result in billions of dollars of environmentally-responsible economic growth in the region.

NEWMONT Recognized For Top Performance In Mining

DENVER, CO - "We're honored to be recognized as a mining industry leader in sustainability by RobecoSAM," said Gary Goldberg, President and Chief Executive Officer of Newmont Mining Corporation. "Mining is a long-term business and our ability to create value - which we've done for nearly a century and plan to do far into the future - rests on our ability to operate responsibly. That means protecting the health and safety of our people, minimizing our impact on the environment throughout the mine life cycle, and sharing the wealth our business generates fairly with investors, employees, host communities and governments."

Aris Prepoudis, RobecoSAM's CEO, said, "I congratulate Newmont wholeheartedly for being awarded a Gold Class medal in The Sustainability Yearbook 2018. The companies included in the Yearbook are the world's most sustainable companies in their industry and are moving the Environmental, Social and Governance (ESG) needle in ways that will help us realize the United Nations' Sustainable Development Goals by 2030."

In addition to being ranked last month as the world's leading miner in Fortune magazine's most admired companies list, Newmont was once again confirmed as a constituent of the FTSE4Good Index Series, with an Environmental, Social and Governance (ESG) rating of 95 out of 100. In December, Newmont was one of only two resource companies named in a ranking by the Drucker Institute of the top 250 best managed companies based on high scores in the areas of employee engagement and development, and social responsibility.

Newmont is a leading gold and copper producer. The Company's operations are primarily in the United States, Australia, Ghana, Peru and Suriname. Newmont is the only gold producer listed in the S&P 500 Index and was named the mining industry leader by the Dow Jones Sustainability World Index in 2015, 2016 and 2017. The Company is an industry leader in value creation, supported by its leading technical, environmental, social and safety performance. Newmont was founded in 1921 and has been publicly traded since 1925.

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<http://community.smenet.org/currenttrendsminingfinance/home?ssopc=1>



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The Conference format allows delegates to exchange ideas with the speakers during Q&A periods and receptions throughout the event.



Gold Resource Achieves Gold/Silver Production Targets

COLORADO SPRINGS, CO Gold Resource Corporation reported preliminary 2017 year-end and fourth quarter mill production results. The Company produced approximately 28,117 gold ounces and 1,773,263 silver ounces for the 2017 year, which met its annual gold and sil-

ver production target ranges. Gold Resource Corporation is a gold and silver producer, developer and explorer with operations in Oaxaca, Mexico and Nevada.

The Company's 2017 annual production targets were 27,500 gold ounces and 1,850,000 silver ounces, plus or minus a 5%

range. Preliminary production results for 2017 of approximately 28,117 gold ounces and 1,773,263 silver ounces achieved the targeted range with gold reaching the upper end of the target. Fourth quarter gold and silver production totaled approximately 9,209 ounces and

555,550 ounces, respectively. Preliminary annual base metal production included approximately 1,141 tonnes of copper, 5,365 tonnes of lead and 16,301 tonnes of zinc.

"Our Oaxaca Mining Unit's operations team delivered another year of solid production results for 2017," CEO and President, Jason Reid, stated. "In addition to achieving annual precious metal production targets, the team successfully targeted and mined base metal rich areas of the Arista mine to take advantage of multi-year high base metal prices which generated substantial additional revenue for the year. The team also executed on the development of the Arista Mine's Switchback vein system, delivering on our goal to achieve over one year of Switchback mine development prior to commissioning bulk tonnage mining techniques. With five levels now developed

at Switchback, the Company expects to begin first stoping operations during the first quarter of 2018."

Reid continued, "2017 was also a successful year for the Company's Nevada Mining Unit, where the Company acquired the highly prospective 5,500 acre East Camp Douglas exploration property, and added a significant number of additional claims to the Isabella Pearl Project, which now encompasses over 9,000 acres. Our Nevada team continues to work hard pushing the Isabella Pearl Project's permitting forward, with a goal of pouring first gold by the end of 2018 subject to receiving the requisite permits in the near future."

The company's address is 2886 Carriage Manor Point, Colorado Springs, CO 80906, (303) 320-7708, fax: (303) 320-7835, email: gregpatterson@goldresourcecorp.com.



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Additional Core Holes Results At Clayton Valley

VANCOUVER - Cypress Development Corp. reported results from two more core holes from the Company's Clayton Valley, Nevada drill program. The results include an intersection of 107 meters of 1134 ppm Li within hole DCH-13 and 76 meters of 733 ppm Li within hole DCH-14, both located on the Dean property. Hole DCH-13 represents one of the longest and higher grade drill results from the property to date as Cypress continues to expand the lithium mineralized zone.

The intersections reported are the weighted average of all core recovered in each hole, from surface to the end of the hole. The results continue to demonstrate the presence of lithium mineralization over a large thickness of claystone. The two holes are located in between the fence of holes in DCH-10, -11 and -12, to the southwest and DCH-09, to the

northeast, and support the observed continuity of mineralization over a long northeast trend, extending approximately 4 kilometers in length and 2 kilometers in width across the Dean property. In DCH-13, the lithium values increased at depth, starting 24.8 meters below surface, and averaging 1206 ppm Li over 88.4 meters. DCH-13 ended in 3.0 meters of 912 ppm Li. The hole was terminated due to operating constraints and remains open at depth. The grade increase was observed coincident with a redox boundary, where material above the boundary is oxidized and light grey in color, and material below the boundary it is reduced and dark grey and green to black in color. This redox boundary has been observed at similar depth from surface in other drill holes, and drilling in the fall 2017 program has been completed, with 4 holes drilled on the Glory property to the south. Results from these holes are anticipated later.

The company's address is Suite 1610, 777 Dunsuir St., Vancouver, BC V7Y 1K4, (604) 687-3376.

Extension For The White Pine Project

LONGUEUIL - Highland Copper Company Inc. reported the further extension to complete the acquisition of the White Pine project. Copper Range Company (CRC) and the Company have agreed to further extend the period to complete the acquisition of the White Pine project to February 28, 2018. The final closing of the acquisition is subject to releasing CRC from certain environmental obligations associated with the remediation and closure plan of the historical White Pine mine site in a manner that is acceptable to all parties involved, including applicable governmental authorities, and replacing the related environmental bond posted by CRC.

For more information contact: (450) 677-2455.

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Significant Gold Mineralization Intersected At Beartrack Project

TORONTO, ON - Revival Gold Inc. reported results from the final eight holes of the twelve-hole 2017 portion of the Company's planned 11,000-

meter core drilling program at the past producing Beartrack Gold Project located in Lemhi County, Idaho. Highlights: .73 g/t Au over

29.2 meters from 99.1 meters to 128.3 meters in BT17-200D; .51 g/t Au over 67.5 meters from 98.6 meters to 166.1 meters in BT17-201D; .99 g/t Au over 54.7 meters from 91.6 meters to 146.3 meters in BT17-203D; and 2.76 g/t Au over 51.9 meters from 53.6 meters to 105.5 meters in BT17-205D.

"All eight holes intersected significant gold mineralization", said Hugh Agro, President & CEO. The company will now initiate work on an updated resource estimate for Beartrack".

Seven of the eight drill holes released (BT17-200D through BT17-206D) targeted near-surface oxide and mixed oxide-sulphide mineralization in the Ward's Gulch and South Pit areas.

Revival Gold's near-surface drill results at both Ward's Gulch and the South Pit compare favorably with historic drilling completed by Meridian Beartrack in the 1990's. A more detailed comparison of 2017 drill results to historic results along with the preparation of an updated geological and resource model encompassing historic data as well as 13,737 meters of drilling completed in 2012, 2013 and 2017 is underway.

In addition to near surface drill holes, Revival Gold completed two deep drill holes in 2017 (BT17-194DB and BT17-199D) targeting high grade mineralization previously intercepted at depth by BT12-175D at Ward's Gulch.

Gold mineralization at Beartrack occurs along five kilometers of the Panther Creek Fault and high grades have been encountered in a number of deep holes along strike. A reinterpretation of the geology integrating post-2012 drilling suggests that potential exists for additional high-grade along strike. With that in mind, in addition to surface drilling, further deep drilling will be planned to continue testing for high-grade mineralization in the Ward's Gulch area and in four other known mineralized areas

at depth along the Panther Creek Fault.

Revival Gold's technical team is finalizing details for the 2018 exploration program at Beartrack. The program is fully permitted and will include approximately 8,000 meters of core drilling. At the same time, the Company is planning drill hole locations for 2019 so that a Plan of Operations can be submitted to the United States Forest Service ("USFS") in the spring of 2018 for permit approval in time for the 2019 drilling season.

Golder Unveils Refreshed Brand

DENVER, CO - Golder unveiled its refreshed brand. This has been the first major refresh of the company's brand in over half a century. "Golder has enjoyed a long and successful journey, responding to incredible challenges with a powerful resilient spirit, driven by our employee owners and their commitment to our company," says Golder CEO Dr. Hisham Mahmoud. "Updating our brand isn't just about our logo, it's about sharing our success story more broadly with the world."

As a client-centric, employee-owned company, Golder is constantly striving to be differentiated in its chosen markets. The update of the brand is a result of direct insight and feedback from employees and clients worldwide. It is much more than a new logo; it is a milestone marker in the company's history, a momentum builder for the future, and a representation of Golder's commitment to its clients and communities. Golder works on some of the world's most challenging projects. From deep mine shafts in Africa to tall building foundations in Australia, from an

airport in Hong Kong to pipelines in Canada, from tailings management in Chile to waste management in the US, from transportation tunnels in the UK to groundwater remediation in Italy, Golder professionals are delivering real value to its clients and communities.

Renowned for technical excellence, Golder is a leading specialized employee-owned engineering and consulting firm with over a half century of successful service to its clients. With over 165 offices in over 40 countries, Golder's 6,500 professionals are driven by a passion to deliver results, offering unique specialized skills to address the ever-evolving challenges that earth, environment and energy present to clients across the mining, oil and gas, manufacturing, infrastructure and power sectors.

Golder is not just a place to work, it is a promise of a living, dynamic environment where people collaborate, innovate, build enduring relationships, excel, and grow professionally in a strong culture of ownership.

For more information visit Golder's website: golder.com

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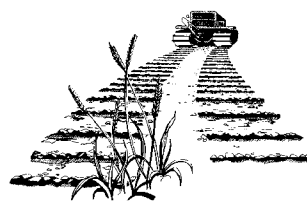
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How To Solve For X: SMART X

By Ola Rollén

I'm a numbers guy. Have been for quite some time. So how could I ever find myself in a situation where even the most basic math problems seem challenging? Quadratic equations? Slope? Negative integers? Oh, my!

When I think back to helping my son with math homework (after a quick refresh from Algebra for Dummies), I remember reiterating a very simple rule: isolate the variable and solve for x!

It's since dawned on me that this simple rule isn't far removed from the problems we're solving at Hexagon. We're focused on a bold, multi-industry movement we call the Smart X. It involves the very toughest of equations – how to make our cities safe. How to sustainably farm and feed a fast-growing population. How to make refineries more efficient.

How to mine responsibly and manufacture products faster, with less waste and higher quality.

The Smart Mine, Farm, Plant, Factory, ... you fill in the blank. The x is what we solve for, and x always requires one very important thing: a Smart Digital Reality.

Those of you who know me know that I hate buzzwords or the latest acronyms, so you're justified in wondering what I mean by smart digital reality. You might be thinking, "Isn't it just The Digital Twin I've been hearing so much about?" Or maybe you thought it's part of the Fourth Industrial Revolution driven by the Industrial IoT.

A smart digital reality is much more than all of that. It's the variable required to solve for x.

Think Digital First & Absolutely Connected

In its most generic sense, the Smart X is an intelligent ecosystem, comprised of a "systems of systems", often automated or autonomous in nature. Think of it as an infinite number of feedback loops that provide the complete picture.

To solve for x in the Smart X equation, you need to follow two simple rules: (1) digital first, and (2) absolutely connected.

Digital first requires capturing the entire ecosystem digitally. This includes all of its physical assets; for instance, all the buildings and infrastructure of a city in perfect 3D, or every single part of an oil refinery, down to the last bolt. But it also includes capturing the related terrain, environment, documents, workflows, ... everything.

That "digital twin" you were thinking about a moment ago, is not a "smart digital reality". What makes it smart? This is key – it must be absolutely connected. Events must be captured as they happen in real time. This multi-source content must be fused with and augmented by advanced analytics (think artificial intelligence, machine



learning, deep learning, etc.) and powerful visualisation (think vivid, photo-realistic, mixed reality, etc.) in order to simplify the complex and ulti-

mately, deliver the complete picture.

The smart digital reality is what enables the digital transformation of inefficient systems in order to address the 21st century's most critical challenges.

By solving for x in the Smart X equation, Hexagon is revolutionising industries in a way that's unprecedented in history. We're ensuring a more productive, efficient and sustainable future.

Ola Rollén, Hexagon. The company's address is 3544 East Fort Lowell Road, Tucson, AZ 85716, tel: 520.795.3891, Web: hexagonmining.com

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Drill Planning For The South Roberts and Ecrú Projects

WHITE ROCK, BC - Renaissance Gold Inc. reported that planning is underway for drilling at the South Roberts and Ecrú projects, once accessible in the Spring. The Pluto Project, Lander County Nevada, subject to an earn-in agreement and operated by Nevada Star Resources LLC, a wholly owned subsidiary of S2 Resources Ltd.. The Pluto project is the first of three RenGold properties in earn-in agreements with S2 to be drill tested.

The Pluto Project lies within the "Rabbit Trend" of gold deposits and is targeting gold mineralization in the favorable Antler Sequence stratigraphy beneath the Golconda Thrust. Outcropping Havallah Sequence Rocks in the upper plate of the Golconda Thrust contain gold in rock-chips up to 13.1 g Au/t with anomalous Carlin-suite geochemistry. Modelling of detailed gravity data collected over the project suggest an uplifted block which was interpreted to be carbonate-bearing stratigraphy of the Antler Sequence.

Drilling was conducted by partner, S2 Resources Ltd. and consisted of 4 reverse circulation holes, totaling 4600 feet.

At the Jupiter Project in Nye County, Nevada, Ramelius completed a Phase 1, seven-hole reverse circulation drilling program in December, representing a preliminary test of two target areas.

Robert Felder, President and

CEO said, "The past year was a very productive one for the Company, and marked a significant increase in our activity levels over the past several years. During 2017 the Company completed the acquisition of Kinetic Gold Corp., which marked a significant evolution of the project portfolio, management, and technical team.

CEO said,

"The past year was a very productive one for the Company, and marked a significant increase in our activity levels over the past several years. During 2017 the Company completed the acquisition of Kinetic Gold Corp., which marked a significant evolution of the project portfolio, management, and technical team.

Through these and other existing deals, six projects were drill tested during the year and

this level of activity is hoped to continue through 2018.

The Pluto project contained an exciting target concept with strong support from gold assays on the surface, however the drilling and downhole gold assays did not substantiate the geologic and target model as we had hoped.

Our outlook for the coming year is very optimistic. The Company expects to see at least six projects drilled by partners again this year."

The company's address is 4750 Longley Lane, Suite 106, Reno, NV 89502, (775) 337-1545, fax: (775) 337-1542, info@rengold.com

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