



Q2 2018 CONFERENCE CALL

August 10, 2018

Cautionary Notes



Cautionary Note Regarding Forward-Looking Statements

This presentation contains forward-looking information within the meaning of Canadian securities laws and forward-looking statements within the meaning of the U.S. Private Securities Litigation Reform Act of 1995 (collectively, "forward-looking statements"). All statements, other than statements of historical fact, are forward-looking statements. Generally, forward-looking statements can be identified by the use of words or phrases such as "expects," "anticipates," "plans," "projects," "estimates," "assumes," "intends," "strategy," "goals," "objectives," "potential," "believes," or variations thereof, or stating that certain actions, events or results "may," "could," "would," "might" or "will" be taken, occur or be achieved, or the negative of any of these terms or similar expressions. The forward-looking statements in this news release relate to, among other things: future production of gold, silver and other metals; improvements to cash costs per payable ounce of gold, silver and other metals sold; the prices of gold, silver and other metals; future successful development of our projects; the sufficiency of our current working capital, anticipated operating cash flow or our ability to raise necessary funds; estimated production rates for gold, silver and other metals produced by us, including the expected ramp up in mining and ore haulage rates from the Chinchillas project to the Piriquitas mill to allow processing to commence in the second half of 2018; our ability to convert Inferred Mineral Resources to Indicated Mineral Resources and to convert Mineral Resources into Mineral Reserves, including (a) the goal of declaring a Mineral Reserve at Red Dot by mid-2019, and (b) the objective to increase and convert Mineral Resources into Mineral Reserves near the Santoyo mine; timing of production and production levels at (a) the Marigold mine, including the expectation that total material mined will increase in 2018 due to shorter haul distances, the addition of four haul trucks, and the completion of the new leach pad, (b) the Seabee Gold Operation, including the expectation that mill throughput will increase through the second half of 2018, and (c) Puna Operations; timing and focus of our exploration and development programs, expected timing of completion of construction milestones at Chinchillas project, including the expectation that the Chinchillas project will remain on budget and on schedule to support sustained delivery of ore to the Piriquitas mill in the fourth quarter of 2018; ongoing or future development plans and capital replacement, improvement or remediation programs; the estimates of expected or anticipated economic returns from our mining projects, including future sales of metals, concentrate or other products produced by us; our ability to achieve our production guidance; and our plans and expectations for our properties and operations, including the anticipated operational and exploration benefits resulting from the acquisition of land proximal to the south-western margin of the Mackay pit and the potential of the Fisher property.

These forward-looking statements are subject to a variety of known and unknown risks, uncertainties and other factors that could cause actual events or results to differ from those expressed or implied, including, without limitation, the following: uncertainty of production, development plans and cost estimates for the Marigold mine, the Seabee Gold Operation, Puna Operations and our projects; our ability to replace Mineral Reserves; our ability to obtain necessary permits for the Chinchillas project; commodity price fluctuations; political or economic instability and unexpected regulatory changes; currency and interest rate fluctuations; the possibility of future losses; general economic conditions; fully realizing the value of our shareholdings in Pretium Resources Inc. and our other marketable securities, due to changes in price, liquidity or disposal cost of such marketable securities; counterparty and market risks related to the sale of our concentrate and metals; uncertainty in the accuracy of Mineral Reserves and Mineral Resources estimates and in our ability to extract mineralization profitably; differences in U.S. and Canadian practices for reporting Mineral Reserves and Mineral Resources; lack of suitable infrastructure or damage to existing infrastructure; future development risks, including start-up delays and cost overruns; our ability to obtain adequate financing for further exploration and development programs and opportunities; uncertainty in acquiring additional commercially mineable mineral rights; delays in obtaining or failure to obtain governmental permits, or non-compliance with our permits; our ability to attract and retain qualified personnel and management; potential labour unrest, including labour actions by our unionized employees at Puna Operations; the impact of governmental regulations, including health, safety and environmental regulations, including increased costs and restrictions on operations due to compliance with such regulations; reclamation and closure requirements for our mineral properties; failure to effectively manage our tailings facilities; social and economic changes following closure of a mine, may lead to adverse impacts and unrest; unpredictable risks and hazards related to the development and operation of a mine or mineral property that are beyond our control; indigenous peoples' title claims and rights to consultation and accommodation may affect our existing operations as well as development projects and future acquisitions; assessments by taxation authorities in multiple jurisdictions; claims and legal proceedings, including adverse rulings in litigation against us and/or our directors or officers; compliance with anti-corruption laws and internal controls, and increased regulatory compliance costs; complying with emerging climate change regulations and the impact of climate change, including extreme weather conditions; fully realizing our interest in deferred consideration received in connection with recent divestitures; uncertainties related to title to our mineral properties and the ability to obtain surface rights; the sufficiency of our insurance coverage; civil disobedience in the countries where our mineral properties are located; operational safety and security risks; actions required to be taken by us under human rights law; competition in the mining industry for mineral properties; our ability to complete and successfully integrate an announced acquisition; an event of default under our Notes may significantly reduce our liquidity and adversely affect our business; failure to meet covenants under our senior secured revolving credit facility; conflicts of interest that could arise from certain of our directors' and officers' involvement with other natural resource companies; information systems security threats; and those other various risks and uncertainties identified under the heading "Risk Factors" in our most recent Annual Information Form filed with the Canadian securities regulatory authorities and included in our most recent Annual Report on Form 40-F filed with the U.S. Securities and Exchange Commission ("SEC").

The foregoing list is not exhaustive of all factors and assumptions which may have been used. We cannot assure you that actual events, performance or results will be consistent with these forward-looking statements, and management's assumptions may prove to be incorrect. Our forward-looking statements reflect current expectations regarding future events and operating performance and speak only as of the date hereof and we do not assume any obligation to update forward-looking statements if circumstances or management's beliefs, expectations or opinions should change other than as required by applicable law. For the reasons set forth above, you should not place undue reliance on forward-looking statements. All references to "\$" in this presentation are to U.S. dollars unless otherwise stated.

Qualified Persons

Except as otherwise set out herein, the scientific and technical information contained in this presentation relating to each of the: Marigold mine has been reviewed and approved by Karthik Rathnam, MAusIMM (CP), and James N. Carver, SME Registered Member, each of whom is a qualified person under National Instrument 43-101 – Standards of Disclosure for Mineral Projects ("NI 43-101") and our employee; Seabee Gold Operation has been reviewed and approved by Cameron Chapman, P.Eng., and Jeffrey Kulas, P. Geo., each of whom is a qualified person under NI 43-101 and our employee; and Puna Operations has been reviewed and approved by Bruce Butcher, P.Eng., and F. Carl Edmunds, P. Geo., each of whom is a qualified person under NI 43-101 and our employee. The qualified persons have verified the information disclosed herein, including the sampling, preparation, security and analytical procedures underlying such information, and are not aware of any significant risks and uncertainties that could be expected to affect the reliability or confidence in the information discussed herein.

Cautionary Note to U.S. Investors

This presentation includes Mineral Reserves and Mineral Resources classification terms that comply with reporting standards in Canada and the Mineral Reserves and the Mineral Resources estimates are made in accordance with NI 43-101. NI 43-101 is a rule developed by the Canadian Securities Administrators that establishes standards for all public disclosure an issuer makes of scientific and technical information concerning mineral projects. These standards differ significantly from the requirements of the SEC set out in SEC Industry Guide 7. Consequently, Mineral Reserves and Mineral Resources information included in this presentation is not comparable to similar information that would generally be disclosed by domestic U.S. reporting companies subject to the reporting and disclosure requirements of the SEC. Under SEC standards, mineralization may not be classified as a "reserve" unless the determination has been made that the mineralization could be economically produced or extracted at the time the reserve determination is made. In addition, the SEC's disclosure standards normally do not permit the inclusion of information concerning "Measured Mineral Resources," "Indicated Mineral Resources" or "Inferred Mineral Resources" or other descriptions of the amount of mineralization in mineral deposits that do not constitute "reserves" by U.S. standards in documents filed with the SEC.

Cautionary Note Regarding Non-GAAP Measures

This presentation includes certain terms or performance measures commonly used in the mining industry that are not defined under International Financial Reporting Standards ("IFRS"), including cash costs and AISC per payable ounce of precious metals sold, realized metal prices, operating income, adjusted attributable net income (loss) and adjusted basic attributable income (loss) per share. Non-GAAP financial measures do not have any standardized meaning prescribed under IFRS and, therefore, may not be comparable to similar measures reported by other companies. We believe that, in addition to conventional measures prepared in accordance with IFRS, certain investors use this information to evaluate our performance. The data presented is intended to provide additional information and should not be considered in isolation or as a substitute for measures of performance prepared in accordance with IFRS. These non-GAAP measures should be read in conjunction with our consolidated financial statements. Readers should refer to our management's discussion and analysis, available under our corporate profile at www.sedar.com or on our website at www.ssrmining.com, under the heading "Non-GAAP and Additional GAAP Financial Measures" for a more detailed discussion of how we calculate such measures and for a reconciliation of such measures to IFRS terms.

Delivering Growth and Value for Shareholders

- Increased gold equivalent production to +85,000 ounces at lower cash costs
- Growth in earnings and cash flow
- Delivered updated Marigold life of mine plan confirming near-term growth
- Solid quarter at Marigold and Puna, Seabee consistent with guidance
- Chinchillas on schedule and budget
- Increased cash to \$494M



Marigold Mine: Q2 2018 Results



- Produced 49,436 oz of gold, a 15% increase compared to Q1
 - Production of 40,000 to 50,000 ounces of gold expected in Q3
 - Production of approximately 60,000 ounces of gold expected in Q4
- Record ore tonnes stacked of 7.9 M tonnes at higher grade of 0.42 g/t
- Reported cash costs of \$700/oz gold
- Reported AISC of \$981/oz gold

Note: Cash costs and AISC are non-GAAP financial measures. Please see "Cautionary Note Regarding Non-GAAP Measures" in this presentation.

Seabee Gold Operation: Q2 2018 Results



- Produced 23,582 oz of gold, in line with Q1
- Mining fully transitioned to the higher grade Santoy mine
- Reported cash costs of \$616/oz gold
- Reported AISC of \$854/oz gold

Note: Cash costs and AISC are non-GAAP financial measures. Please see "Cautionary Note Regarding Non-GAAP Measures" in this presentation.

Puna Operations: Q2 2018 Results



- Produced 1.0M oz of silver from Pirquitas stockpiles
 - H1 2018 production of 1.9M oz of silver, exceeding guidance
- Re-commissioned zinc circuit in anticipation of Chinchillas ore H2 2018
 - Produced 1.5M lbs of zinc
- Reported cash costs of \$14.73/oz silver
- Reported AISC of \$17.66/oz silver

Note: Cash costs and AISC are non-GAAP financial measures. Please see "Cautionary Note Regarding Non-GAAP Measures" in this presentation.

Chinchillas Project Development On Track

- Chinchillas site earthworks complete, other construction well advanced
- Pre-stripping of 1.8M tonnes through end Q2
- Stockpile dome construction complete; cladding underway
- Sustainable ore delivery to the Pirquitas mill anticipated Q4 2018



Pre-stripping activities



Tailings pumping infrastructure



Stockpile dome construction – structural erection

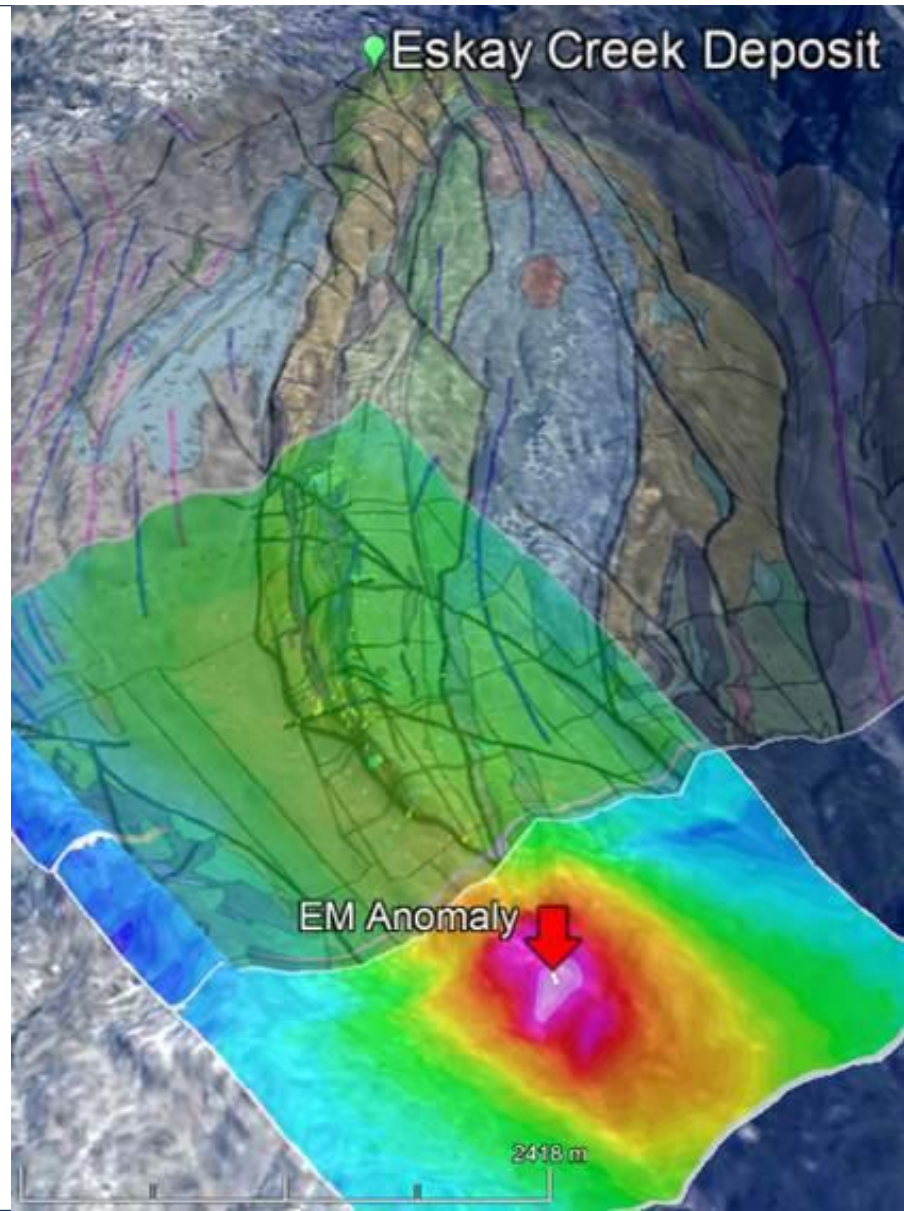
Exploration Activities in Q2 2018

- Exploration programs continue to plan
 - Marigold (Red Dot): ~ 28km drilled, proceeding to Phase 2 of the program
 - Marigold (Mackay pit): Encouraging results near current reserve pit outline
 - Seabee (near mine): ~19km surface and underground drilling
 - Seabee (regional): ~12km surface drilling, initial results demonstrate prospectivity



SIB Exploration Underway

Camp mobilized, EM anomaly identified Q2, drilling commenced Q3



Selected Financial Results

	Units	Q2 2018	Q1 2018	Q2 2017
Gold Sales	oz	67,156	62,090	75,335
Silver Sales	Moz	1.1	1.1	1.7
Total Gold Equivalent Sales	oz	81,595	75,482	98,018
Gold Equivalent Production	oz	85,082	78,483	102,933
Revenue	\$M	\$104.0	\$97.9	\$117.0
Income from Mine Operations	\$M	\$21.2	\$17.2	\$29.5
Net Income (Loss)	\$M	\$2.6	(\$2.3)	\$37.7
Basic Attributable Earnings (Loss) per share	\$	\$0.04	(\$0.01)	\$0.31
Adjusted Attributable Net Income	\$M	\$12.1	\$5.7	\$13.0
Adjusted Basic Attributable Earnings per share	\$	\$0.10	\$0.05	\$0.11
Cash Generated by Operating Activities	\$M	\$17.1	\$11.0	\$38.6

Notes: Silver sales and gold equivalent sales are on a 100% basis. Gold equivalent sales are based on total gold and silver sales and the realized silver and gold prices for each corresponding period. Realized metal prices, adjusted attributable net income and adjusted basic attributable earnings per share are non-GAAP financial measures. Please see "Cautionary Note Regarding Non-GAAP Measures" in this presentation.

Financial Strength and Cash Growth

	Units	Q2 2018	Q1 2018
Cash	\$M	\$494	\$473
Marketable Securities	\$M	\$9	\$44
Total Assets	\$M	\$1,505	\$1,490
Current Liabilities	\$M	\$89	\$73
Working Capital	\$M	\$670	\$686

Creating Value and Growth for Shareholders

- Delivered growth in production, earnings and operating cash flow
- Increased cash balance for eleventh consecutive quarter to \$494M
- Lowered 2018 cash cost guidance at Marigold and Seabee
- Strong outlook at all three operations
- Production growth in Q4 2018 and into 2019 from all three operations





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