



Q3 2017 CONFERENCE CALL

November 8, 2017

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. These forward-looking statements or information relate to, among other things: future production of precious metals; future costs of inventory, and cash costs, total costs and all-in sustaining costs ("AISC") per payable ounce of precious metals sold; expected achievement of our annual production and cash costs guidance; expected exploration and development expenditures; the prices of precious metals; expansion of the Seabee Gold Operation based on the results of the PEA; the PEA representing production growth, improved margins and processing plant performance and low capital investment; timing, amount and duration of future production of gold under the PEA; our ability to discover new areas of mineralization, to expand Mineral Reserves and to convert Mineral Resources into Mineral Reserves; the timing of awarding construction contracts for the Chinchillas project's supporting infrastructure; the timing of receipt of permits for construction at the Chinchillas project; expected timing of construction of and ore delivery from the Chinchillas project; the timing of commencement of drilling at the Fisher project; the expected duration of mining of higher clay ore at the Mackay pit; the effects of laws, regulations and government policies affecting our operations or potential future operations; our exposure to fluctuations in ARS and interest rates on the liability under the tax moratorium; the expected devaluation of the Argentine peso; 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 precious metals produced by us; timing of production and the cash costs and total costs of production at the Marigold mine, the Seabee Gold Operation and Puna Operations; the estimated cost of sustaining capital; 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; and our plans and expectations for our properties and operations.

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; recoverability of VAT and significant delays in the collection process in Argentina; 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 convertible 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 Thomas Rice and James N. Carver, each of whom is a SME Registered Member, 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 F. Carl Edmunds, P. Geo., a qualified person under NI 43-101 and our employee; and Puna Operations has been reviewed and approved by Bruce Butcher, P. Eng., 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, adjusted attributable net income (loss), adjusted basic attributable earnings (loss) per share and working capital. 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 Scale and Margin

- Strong operating fundamentals at all operations
- Expect to meet previously improved corporate annual guidance
- Delivered Seabee PEA estimating higher production at lower costs
- Puna Operations already exceeded lower end of production guidance
- Increased cash to \$424 million



Notes: For further details on the Seabee PEA, refer to our news release dated September 7, 2017. For discussion of our 2017 guidance, refer to our news releases dated February 9, 2017, August 9, 2017 and November 7, 2017.

Marigold Mine: Q3 2017 Results



- Produced 38,699 oz of gold
- Reported gold cash costs of \$684/oz
- Record quarterly material moved
- Lowered production guidance to 195,000 oz to 205,000 oz
- On track to meet cash costs guidance

Note: Cash costs is a non-GAAP financial measure. Please see "Cautionary Note Regarding Non-GAAP Measures" in this presentation.

Seabee Gold Operation: Q3 2017 Results



- Produced 18,058 oz of gold
- Reported gold cash costs of \$634/oz
- Delivered Seabee PEA estimating 100,000 oz average annual gold production, 29% higher than 2016 production
- On track to achieve upper half production guidance range
- On track to meet cash costs guidance

Notes: The Seabee Gold Operation PEA is preliminary in nature and 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 Seabee Gold Operation PEA will be realized. Mineral Resources that are not Mineral Reserves do not have demonstrated economic viability. Cash costs is a non-GAAP financial measure. Please see "Cautionary Note Regarding Non-GAAP Measures" in this presentation.

Puna Operations: Q3 2017 Results



- Produced 5.0M oz of silver YTD, already exceeding lower end of guidance
- Produced 1.5M oz of silver in Q3
- Reported silver cash costs of \$12.76/oz
- Achieved higher than expected mill feed grades and higher sustained milling rate
- Expected to achieve higher end of production guidance for 2017
- Puna development work in progress
- Chinchillas construction permits expected in Q4 2017

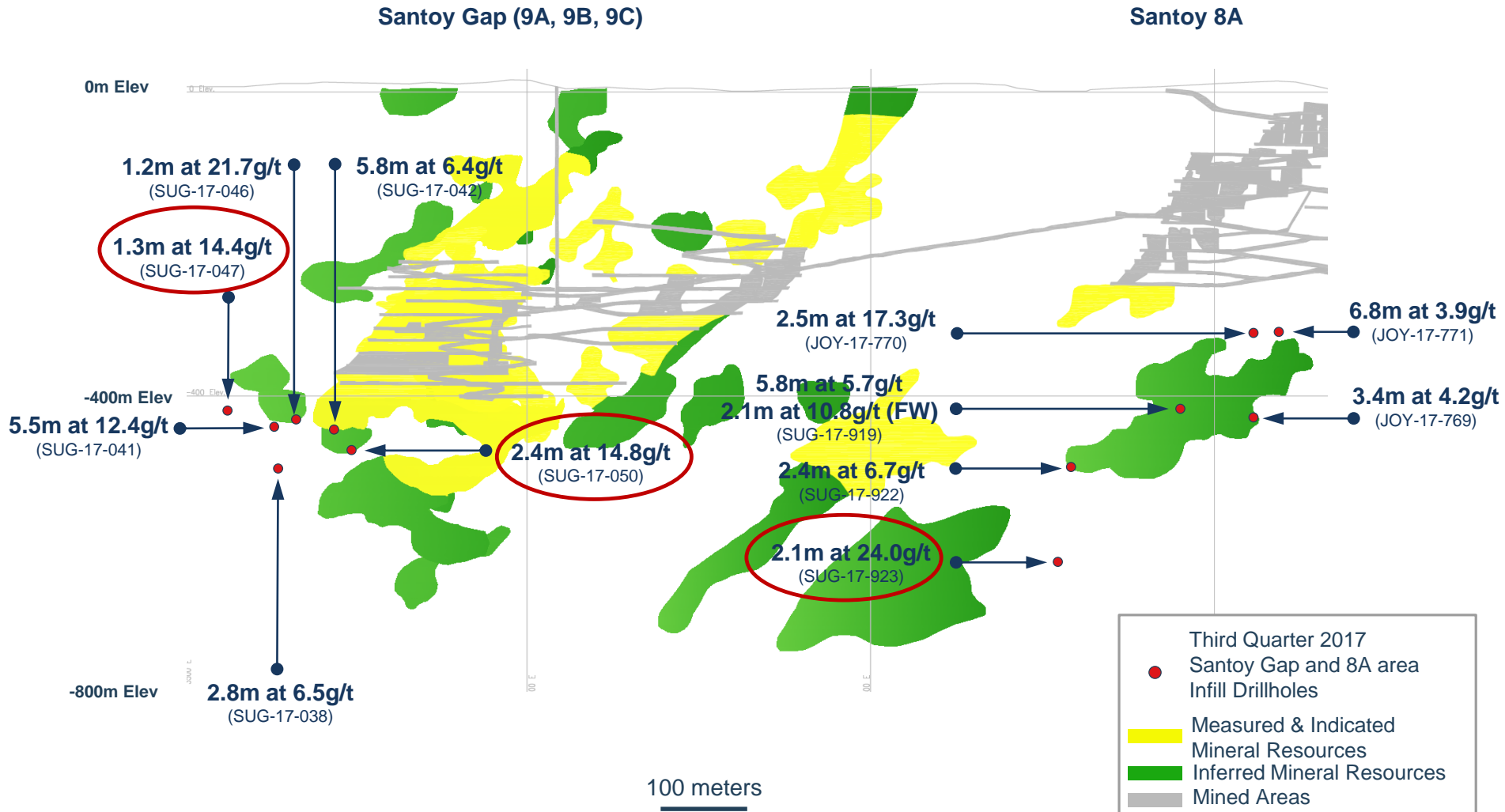
Note: Cash costs is a non-GAAP financial measure. Please see "Cautionary Note Regarding Non-GAAP Measures" in this presentation.

Exploration Success in Q3 2017

- Underground drilling at Santoy expected to contribute to Mineral Resources growth and conversion
- Fisher project field work identified two new gold occurrences for follow up; drilling expected in Q1 2018
- Drilling at Marigold is expected to replace Mineral Reserves and expand the resource base
- Completed first drill program at the SIB project in British Columbia



Q3 2017 Santoy Exploration Results

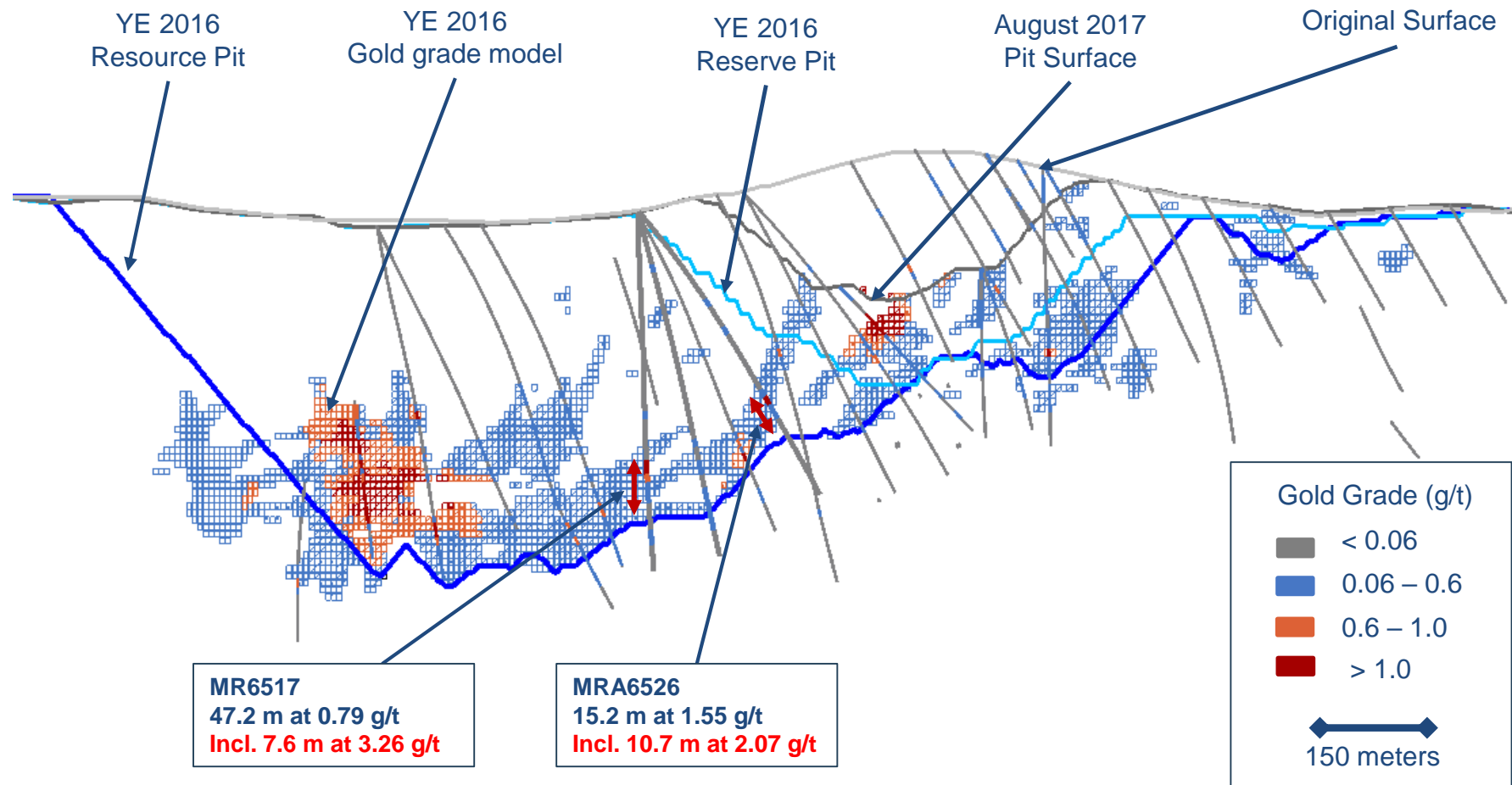


Notes: Measured and Indicated Mineral Resources are inclusive of Mineral Reserves. Please refer to our news releases dated February 23, 2017, September 5, 2017 and November 7, 2017 for further details. See also "Cautionary Notes" in this presentation.

Mackay Pit Q3 2017 Drill Results

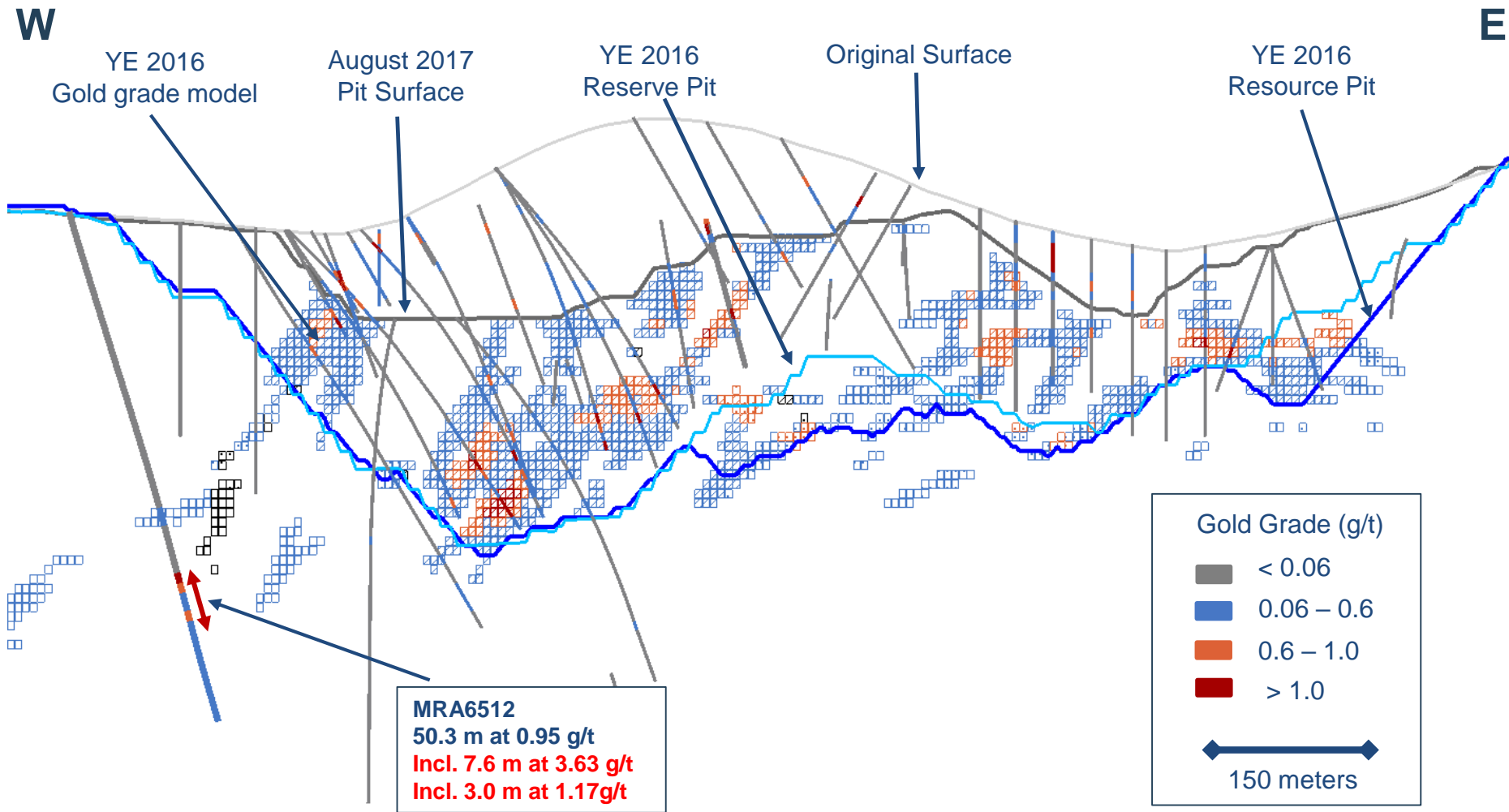
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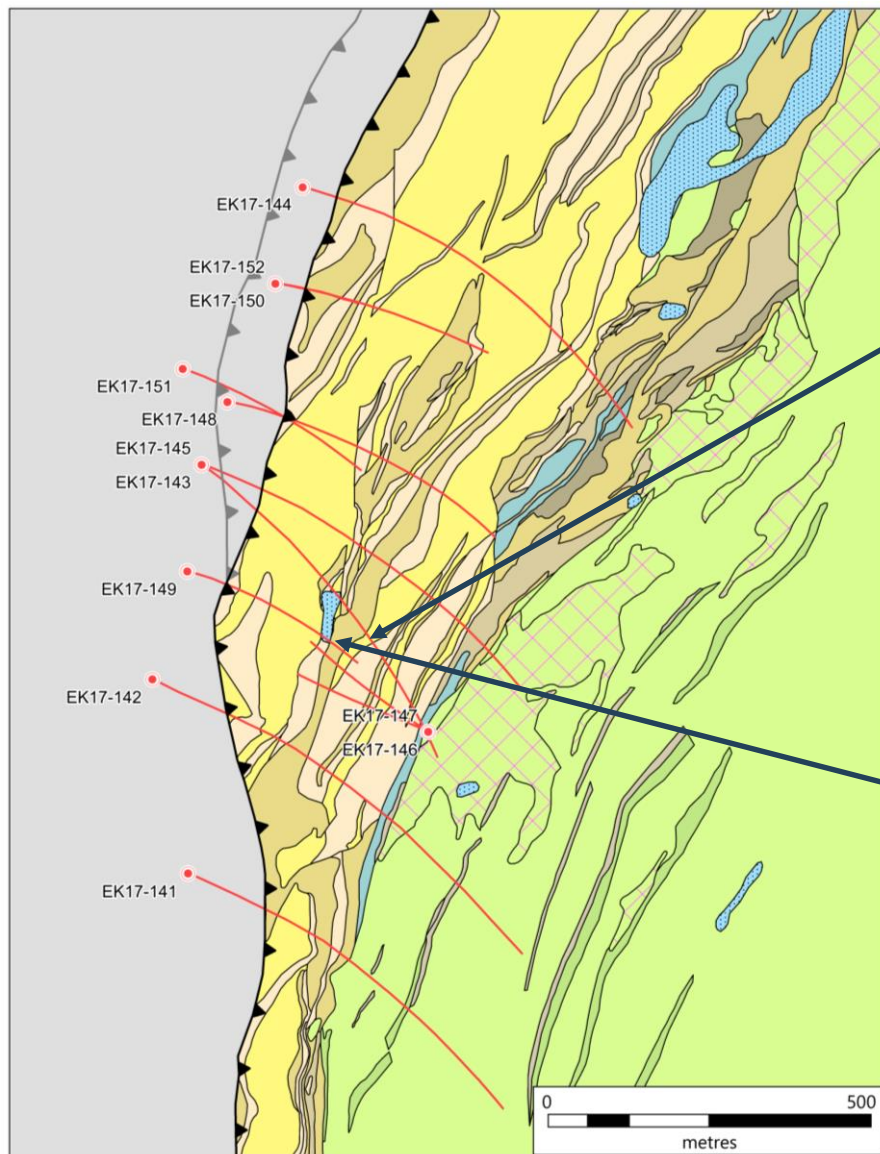
Notes: See news release dated February 23, 2017 FOR 2016 Mineral Reserves and Mineral Resources statement and news releases dated September 5, 2017 and November 7, 2017 for third quarter drill results and reference data for the Marigold exploration drill program. See also "Cautionary Notes" in this presentation.

North Red Dot Q3 2017 Drill Results



Notes: See news releases dated September 5, 2017 and November 7, 2017 for third quarter drill results and reference data for the Marigold exploration drill program. See also "Cautionary Notes" in this presentation.

SIB Project Exploration Program



Drillhole EK-145: at 624 m. Rhyolite flow brecciated by sulphide veins. Pyrite +/-As, Sb, Hg, Pb, Mo from XRF Analysis.



Drillhole EK-149 at 391 m. Polymetallic veining in rhyolite flow.

Notes: See Eskay Mining Assessment Report 2010 and our news release dated September 5, 2017 for further details.

Selected Financial Results

	Units	Q3 2017	Q2 2017	Q3 2016
Gold Sales	oz	60,616	75,335	69,189
Total Silver Sales	Moz	2.1	1.7	2.9
Total Gold Equivalent Sales	oz	88,029	98,018	112,674
Gold Equivalent Production	oz	77,105	102,930	112,559
Revenue	\$M	\$106.0	\$117.0	\$143.4
Income from Mine Operations	\$M	\$22.5	\$29.5	\$59.2
Net Income	\$M	\$1.8	\$37.7	\$38.0
Basic Attributable Earnings per share	\$	\$0.01	\$0.31	\$0.32
Adjusted Attributable Net Income	\$M	\$4.4	\$13.0	\$37.2
Adjusted Basic Attributable Earnings per share	\$	\$0.04	\$0.11	\$0.31
Cash Generated by Operating Activities	\$M	\$30.3	\$38.6	\$53.1

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	Q3 2017	Q2 2017
Cash	\$M	\$424	\$354
Marketable Securities	\$M	\$110	\$175
Total Assets	\$M	\$1,499	\$1,515
Current Liabilities	\$M	\$73	\$78
Working Capital	\$M	\$684	\$678

Creating Value and Growth

- Delivered solid performance across our operating platform
- Announced Seabee PEA expansion to 1,050 tpd by 2019
 - PEA evaluates 7-year gold production plan to 100,000 oz/yr at \$548/oz cash costs
- Increased cash balance to \$424M, a \$70M Q-on-Q increase
- Well positioned to meet annual guidance and pursue growth



Notes: The Seabee Gold Operation PEA is preliminary in nature and 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 Seabee Gold Operation PEA will be realized. Mineral Resources that are not Mineral Reserves do not have demonstrated economic viability.



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