A TRACK RECORD OF CREATING VALUE

May 2019



Aerial View of Marigold Mine



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; timing of production; future costs of inventory, and cash costs and all-in sustaining costs ("AISC") per payable ounce of gold, silver and other metals sold; expected achievement of our annual production and cost guidance, including record production in 2019; expected exploration and development expenditures; the prices of gold, silver and other metals; our ability to discover new areas of mineralization, to convert Inferred Mineral Resources to Indicated Mineral Resources, to expand Mineral Reserves and to convert Mineral Resources into Mineral Reserves; the timing and extent of capital investment at our operations; the Seabee Gold Operation continuing to deliver growth and Puna Operations achieving steady state production; our cash position remaining strong for 2019 growth and beyond; opportunities to increase the economics of and the realization of the operating and economic parameters for each of the Marigold mine, the Seabee Gold Operation and Puna Operations; our expected exploration and drill programs at each of the Marigold mine, the Seabee Gold Operation, Puna Operations and our other projects; timing for and potential of the Marigold mine equipment replacement study and Red Dot conversion scenarios; the expansion of the Seabee Gold Operation based on the results of the Preliminary Economic Assessment ("PEA") set forth in the Seabee Gold Operation Technical Report, including the increase of mining and milling rates; the PEA set forth in the Seabee Gold Operation Technical Report representing production growth, improved margins and expansion of Mineral Resources; timing, amount and duration of future production under the PEA set forth in the Seabee Gold Operation Technical Report; the estimated capital, operating costs, net cash flow, net present value and economic returns under the PEA set forth in the Seabee Gold Operation Technical Report; expected cost and timing of completion of construction milestones at Puna Operations, including the expectation that the Chinchillas project will remain on budget; the expected timing of investment catalysts with respect to our investment in SilverCrest Metals Inc.; estimated production rates for gold, silver and other metals produced by us; expected metallurgical results or recovery rates; the estimated cost of sustaining capital; ongoing or future development plans and capital replacement, estimates of expected or anticipated economic returns from our mining projects, including future sales of metals, concentrate or other products produced by us and the timing thereof; 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; commodity price fluctuations; political or economic instability and unexpected regulatory changes; currency fluctuations; the possibility of future losses; general economic conditions; counterparty and market risks related to the sale of our concentrates 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; the impact of governmental regulations, including health, safety and environmental regulations, including increased costs and restrictions on operations due to compliance with such regulations; unpredictable risks and hazards related to the development and operation of a mine or mineral property that are beyond our control; reclamation and closure requirements for our mineral properties; potential labour unrest, including labour actions by our unionized employees at Puna Operations; indigenous peoples' title claims and rights to consultation and accommodation may affect our existing operations as well as development projects and future acquisitions; certain transportation risks that could have a negative impact on our ability to operate; assessments by taxation authorities in multiple jurisdictions; recoverability of value added tax and Puna credits balance 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; fully realizing our interest in deferred consideration received in connection with recent divestitures; fully realizing the value of our shareholdings in our marketable securities, due to changes in price, liquidity or disposal cost of such marketable securities; 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; reputation loss resulting in decreased investor confidence; increased challenges in developing and maintaining community relations and an impediment to our overall ability to advance our projects; risks normally associated with the conduct of joint ventures; 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; information systems security threats; conflicts of interest that could arise from certain of our directors' and officers' involvement with other natural resource companies; 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 Greg Gibson 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 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 Robert Gill, 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, adjusted attributable income (loss) before tax, 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, they 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 Financial Measures" for a more detailed discussion of how we calculate such measures.

Why SSR Mining?

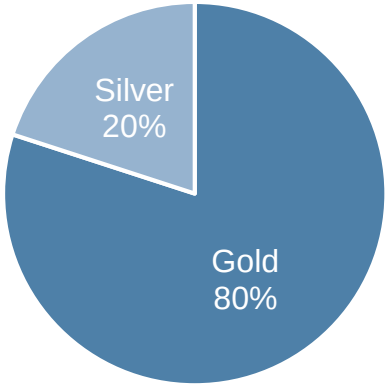
A long-term track record of creating value

Investor Challenges	SSRM Investment Catalysts
× Inconsistent operating performance	✓ Met guidance seven consecutive years
× Declining reserves	✓ Track record of reserve growth
× Declining production	✓ Production growth 40% through 2021
× Single asset risk	✓ Diversified operating platform
× Country risk	✓ Favorable jurisdictions
× Poor corporate governance	✓ Peer-leading governance rating
× Value destructive M&A	✓ Track record of growing NAV/share
× Lack of suitable investment vehicles	✓ Dual listed, strong liquidity
× Dilution risk, inability to self-fund	✓ Consistent cash build to $461M

A Track Record of Creating Value

~400,000 oz AuEq

2019 gold equivalent production guidance
Achieved production guidance seven consecutive years



100% of Gold Production is North America-based

$1.3B market cap

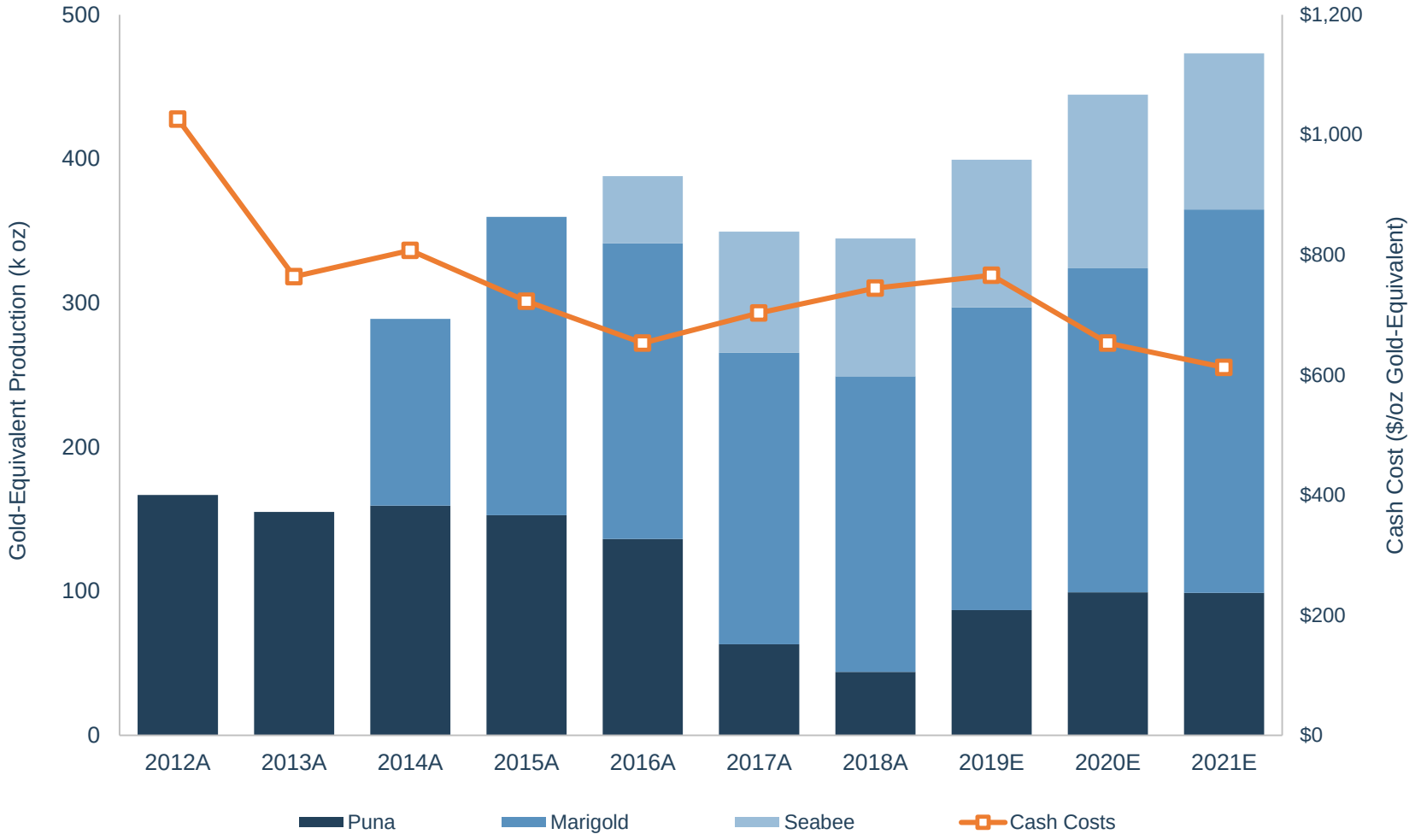
Strong institutional shareholding with good daily trading liquidity
$461M of cash on hand



Notes: Gold equivalent production is presented on 100% basis and is calculated with silver converted to gold equivalent at a 81:1 ratio. Market capitalization is as at May 15, 2019 and cash position is as at March 31, 2019. Please see "Cautionary Notes" in this presentation.

Track Record of Growth and Decreasing Costs

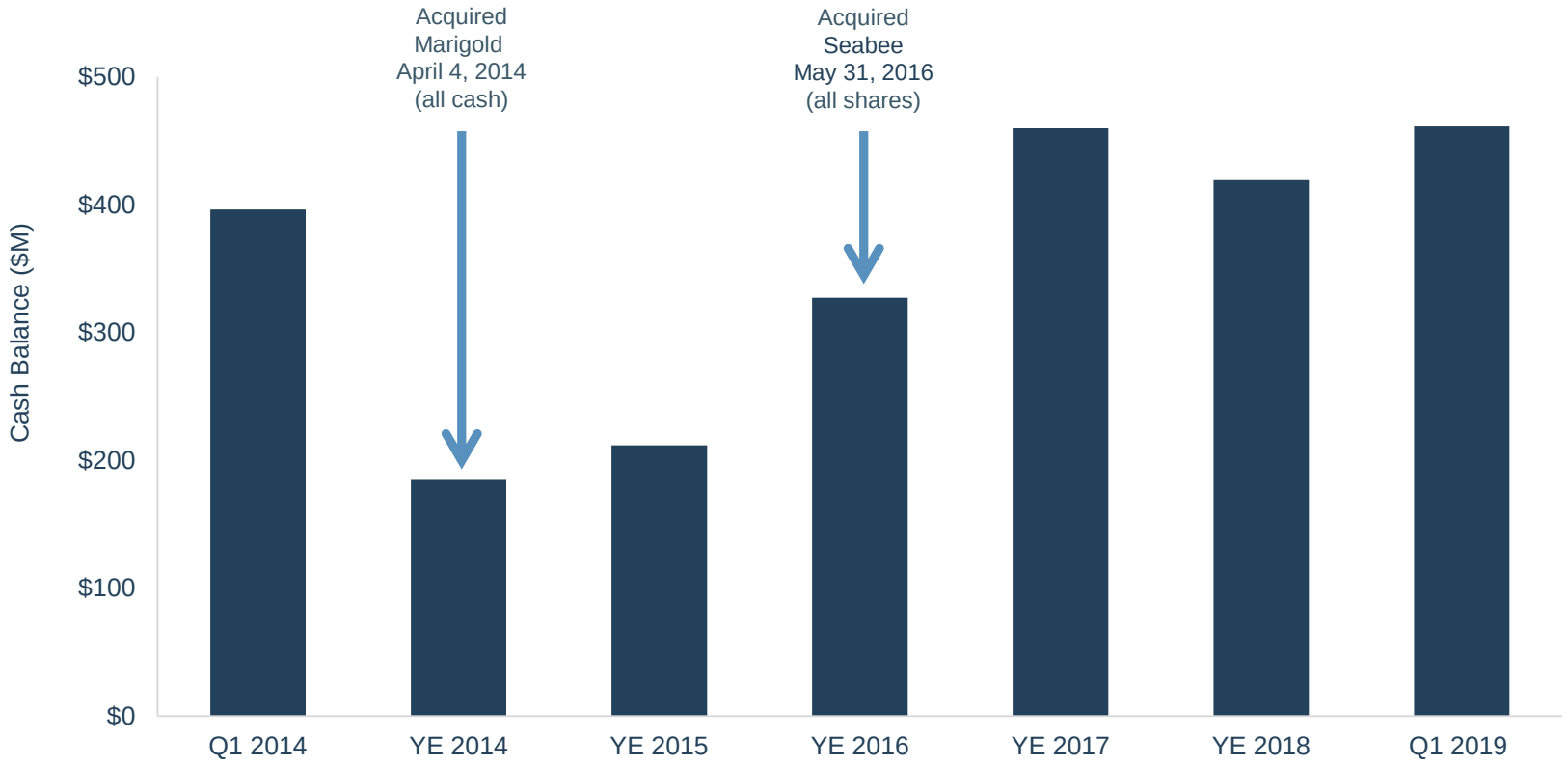
Near-term production growth to +440,000 oz AuEq by 2021



Notes: Gold equivalent production and cash costs are presented on a co-product attributable basis. Production and cash costs for 2019 reflect the mid-point of 2019 guidance as reported in our news release dated February 21, 2019. Production and cash costs for 2020-2021 are based on the Marigold Technical Report, the PEA contained within the Seabee Gold Operation Technical Report, and the Chinchillas Technical Report. The PEA set forth in the Seabee Gold Operation Technical Report is preliminary in nature, and it includes Inferred Mineral Resources that are considered too speculative geologically to have the economic considerations applied to them that would enable them to be categorized as Mineral Reserves, and there is no certainty that the PEA will be realized. Gold equivalent ounces have been established using the realized metal prices from 2012-2018 in the respective years, and Mineral Reserve metal prices for 2019-2021. Realized metal prices and cash costs are non-GAAP financial measures. Please see "Cautionary Note Regarding Non-GAAP Measures" in this presentation.

Track Record of Long-Term Financial Discipline

Strong cash position provides strategic flexibility and opportunity

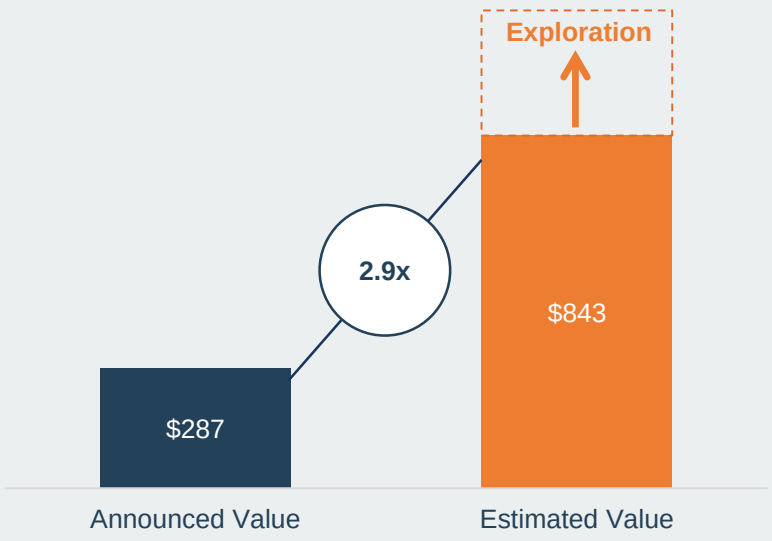


Note: “Cash Balance” is cash and cash equivalents as per our financial statements as at each respective date.

Track Record of Value Creation through M+A

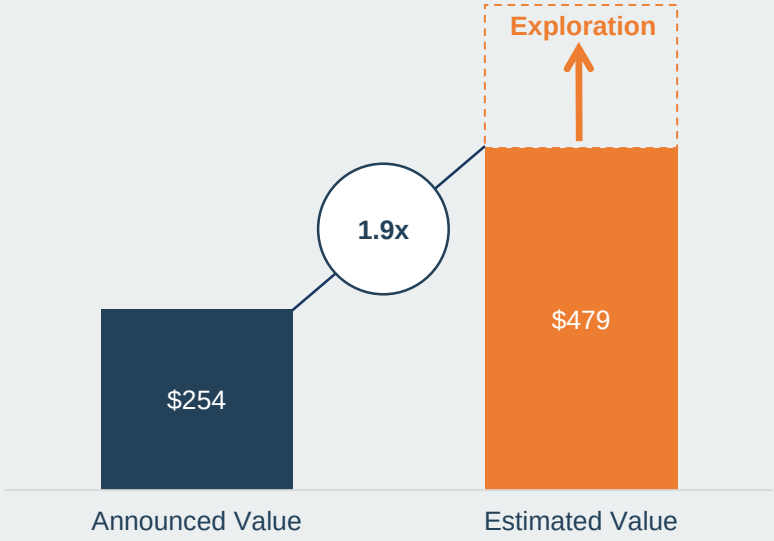
‘OE’ and mine life extension have been key to our success

Marigold Mine



- **Increased production to +200,000 oz/yr**
- **Decreased mining unit costs**
- **Extended mineral reserve and mine life**

Seabee Gold Operation



- **Increasing throughput to 1,050 tpd**
- **Increased reserve tonnage to 2.0Mt**
- **Enhanced reserve grade of +9 g/t gold**

Notes: “Announced Value” for Marigold refers to announced transaction value for Marigold and Valmy, and for Seabee Gold Operation refers to share consideration for Claude Resources. “Estimated Value” reflects pre-tax free cash flow in the periods subsequent to the acquisition by SSRM as of March 31, 2019 plus analyst consensus Net Asset Value as of April 25, 2019. Pre-tax free cash flow for Marigold and Seabee is calculated based on our MD&A disclosures since the respective acquisitions.

Track Record of Growing Net Asset Value Per Share

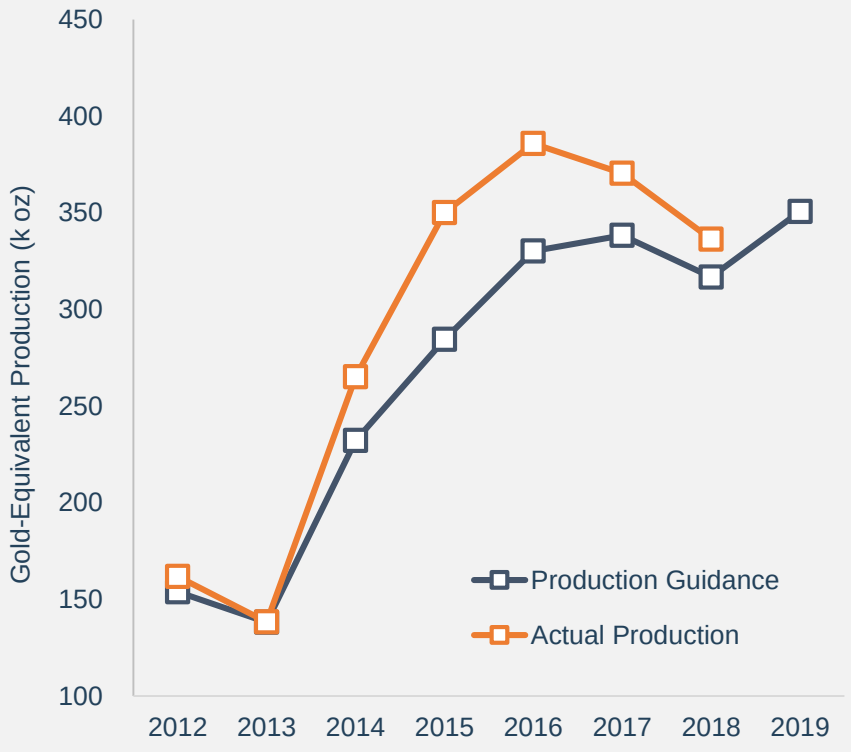


Notes: Peer index represents an equal weighted index, indexed to SSR Mining NAV per share beginning December 31, 2014 and ending May 7, 2019. Peer index includes Alamos Gold, Kirkland Lake, Coeur, Hecla, OceanaGold, Torex Gold, New Gold, B2 Gold, Detour Gold, Eldorado Gold, Pan American Silver and Fortuna. Source: Capital IQ.

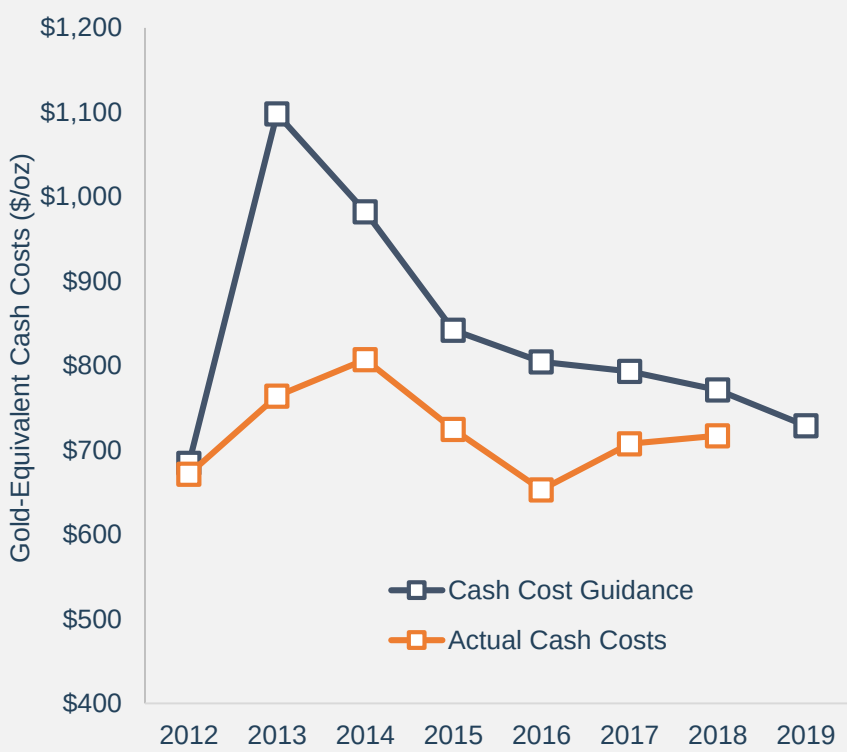
Track Record of Delivering Results

Met or exceeded guidance for seven consecutive years

Reliable trend of delivering more gold…



…at lower cash costs with less variability



Notes: Gold equivalent ounces have been established using the realized silver price and the weighted average realized gold price at each of our operations in the respective years and applied to the recovered metal content of the gold and silver ounces produced, as applicable. Realized metal prices and cash costs is a non-GAAP financial measures. Please see "Cautionary Note Regarding Non-GAAP Measures" in this presentation.

2019 Production and Cash Costs Guidance

	Marigold	Seabee	Puna *(75% attributable interest)*	SSR Mining *(75% attributable interest)*
	Gold	Gold	Silver	Gold Equivalent
Production	200K – 220K oz	95K – 110K oz	6.0M – 7.0M oz *(4.5M – 5.3M oz)*	370K – 415K oz *(350K – 395K oz)*
Cash Costs *(US$/oz)*	$750/oz – $790/oz	$525/oz – $555/oz	$8.00/oz – $10.00/oz *($8.00/oz – $10.00/oz)*	$670/oz – $730/oz *($670/oz – $730/oz)*
Sustaining Capital Expenditures ($M)	$35M	$25M	$12M *($9M)*	$72M *($69M)*
Capitalized Stripping / Capitalized Development ($M)	$20M	$12M	$20M *($15M)*	$52M *($47M)*
Exploration Expenditures ($M)	$7.5M	$6M	$1M *($0.8M)*	$14.5M *($14.3M)*

Consolidated Guidance **Mid-point of 395,000 oz AuEq at cash costs of $700/oz**

Notes: Puna Operations 2019 production guidance for lead and zinc is 20.0 to 26.0 million pounds and 15.0 to 20.0 million pounds, respectively, on a 100% consolidated basis. Please see our news releases dated February 21, 2019 and May 9, 2019. Gold equivalent production and cash costs are based on a 81:1 gold to silver ratio. Cash costs is a non-GAAP financial measure. Please see "Cautionary Note Regarding Non-GAAP Measures" in this presentation.

First Decile Corporate Governance Rating Leads Peer Group

Depth of experience at senior management and Board level

Company Name	Market Data: Market Cap ($B)	ISS Data: Quality Score	Board Structure	Compensation	Shareholder Rights	Audit & Risk Oversight
SSR Mining Inc.	$1.3	1	1	1	1	2
Kirkland Lake Gold Ltd.	$7.3	7	5	6	7	2
Pan American Silver Corp.	$2.4	5	7	6	1	2
OceanaGold Corporation	$1.8	7	6	5	7	2
Alamos Gold Inc.	$1.8	3	2	8	1	2
Detour Gold Corporation	$1.6	1	1	3	1	2
First Majestic Silver Corp.	$1.2	8	6	10	6	2
Hecla Mining Company	$0.8	4	2	6	6	1
Torex Gold Resources Inc.	$0.8	5	4	5	6	2
Coeur Mining, Inc.	$0.7	1	1	3	1	2
Eldorado Gold Corporation	$0.6	5	2	9	1	2
New Gold Inc.	$0.4	5	2	6	6	2
Premier Gold Mines Limited	$0.3	7	5	8	6	2
Argonaut Gold Inc.	$0.2	2	1	6	1	2
Guyana Goldfields Inc.	$0.1	4	5	6	1	1
Peer Average	$1.4	5	4	6	4	2

Source: BMO Capital Markets and ISS as of August 22, 2018. Market Cap from Capital IQ as of May 14, 2019.

SSR MINING

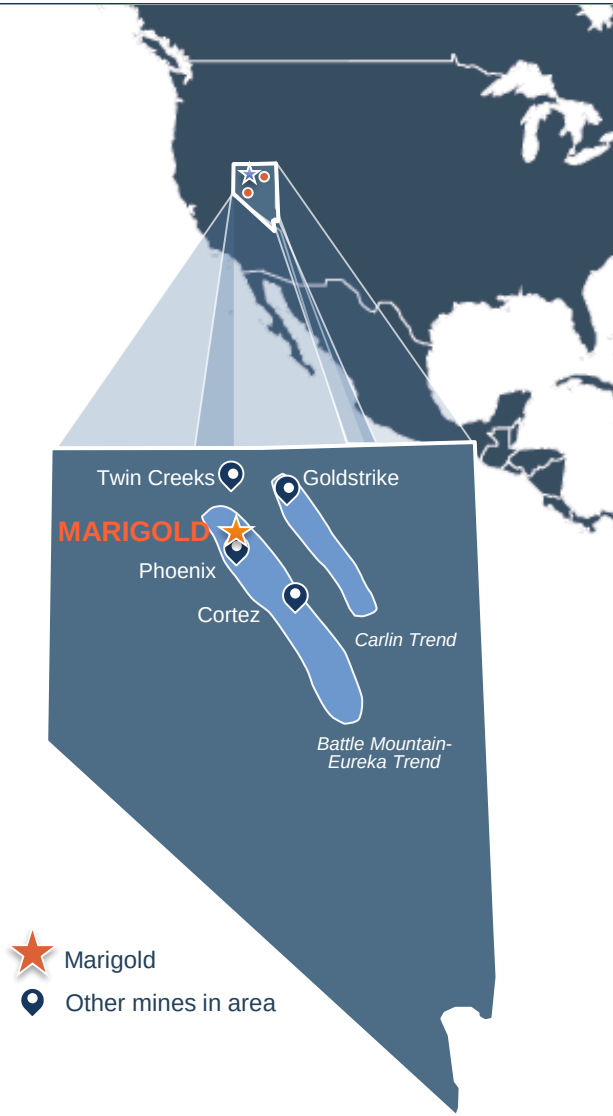
MARIGOLD MINE

GROWTH IN NEVADA



Marigold: Large Scale, Low-Cost Producer

- Open pit, run-of-mine heap leach gold operation
- ~200,000 tonnes of material moved per day
- Strong safety and environmental practices
- Significant exploration upside
- 10-year Mineral Reserves life with potential to extend
  (subject to the current EIS process)
- 2019 production and cost guidance
  - Gold production of 210,000 oz
  - Cash costs of $750/oz to $790/oz gold
- Q1 2019 gold production of 53,151 oz at cash costs of $812/oz

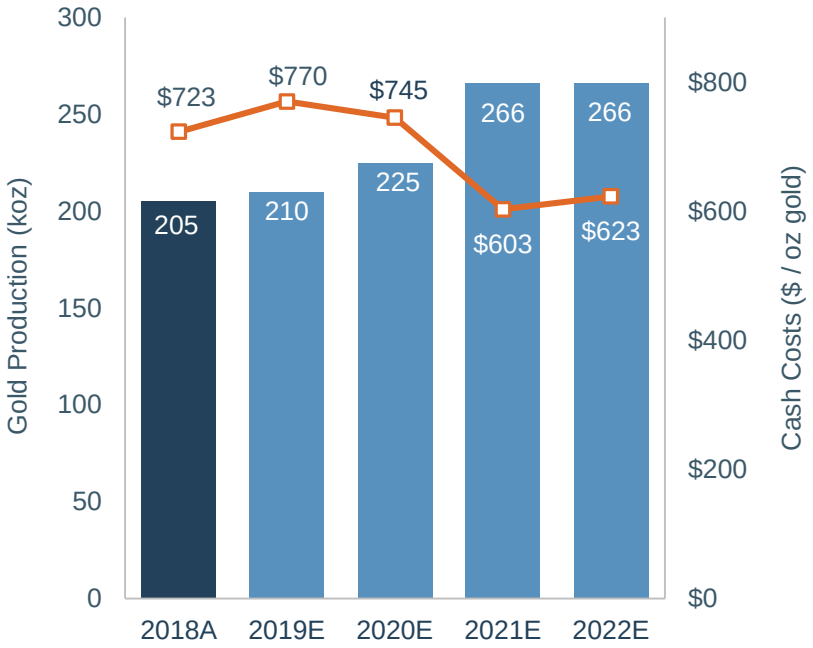


Notes: Please see our news release dated February 21, 2019. Cash costs is a non-GAAP financial measure. Please see "Cautionary Note Regarding Non-GAAP Measures" in this presentation.

Creating Value by Extending Mine Life

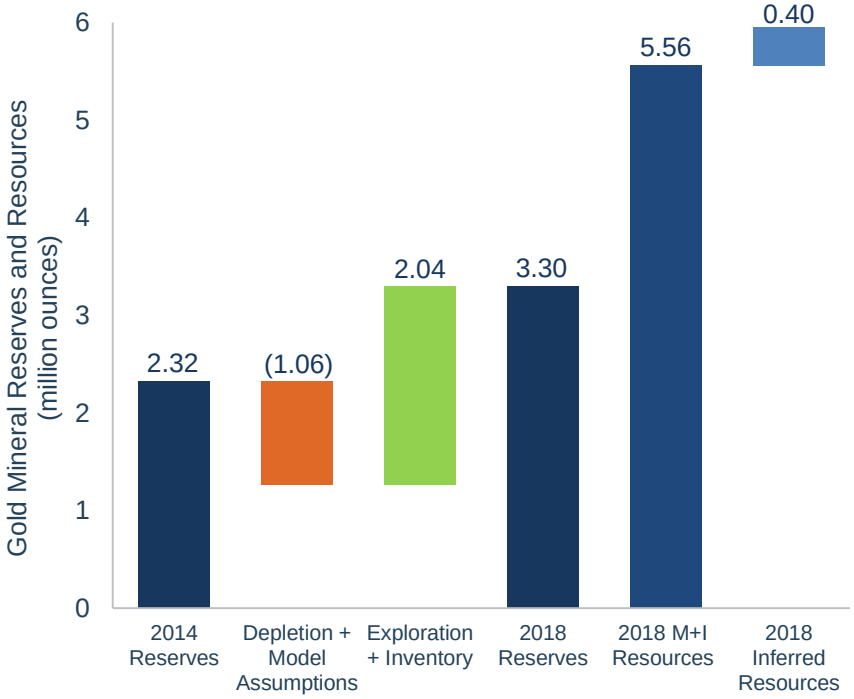
Mineral Reserves replacement at $30/oz gold

Anticipated production growth and improving cash costs …



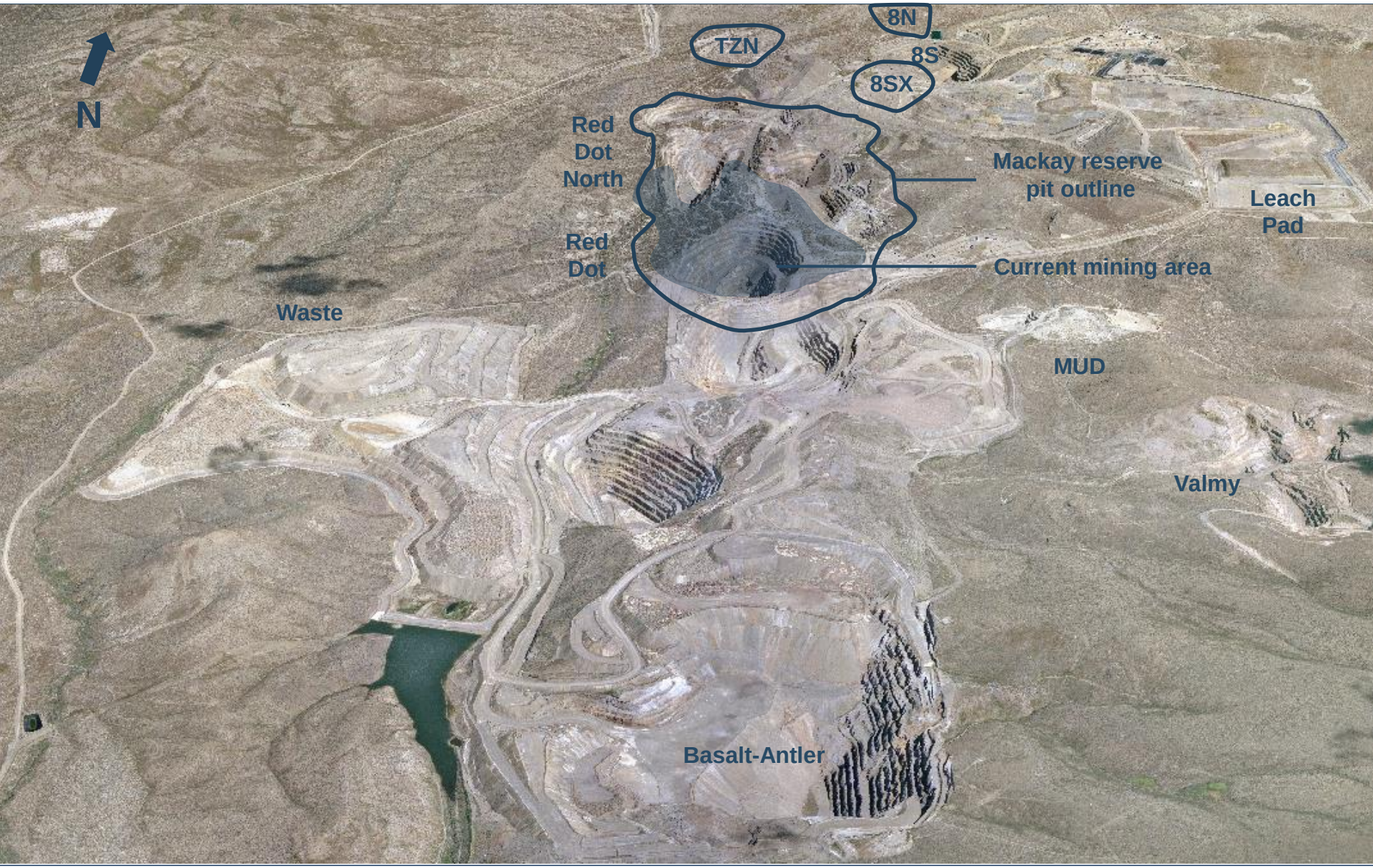
Notes: 2019 production and cash costs reflect 2019 guidance as reported in our news release dated February 21, 2019. Production and cash costs for each of the 2020-2022 periods are based on the Marigold Technical Report.

… with reserve replacement at an increased gold grade of 0.47g/t



Notes: Mineral Reserves are based on $1,250/oz gold price assumption. Proven and Probable Mineral Reserves have a gold grade of 0.47 g/t. Measured and Indicated gold Mineral Resources are inclusive of Mineral Reserves. Mineral Resources are based on $1,400/oz gold price assumption. Measured and Indicated Mineral Resources have a gold grade of 0.47 g/t. Inferred Mineral Resources have a gold grade of 0.37 g/t. Please refer to “Cautionary Notes” and “Reserves and Resources: Notes to Table” in this presentation.

Marigold: Exploration Success and Resource Conversion



Marigold: Opportunities

- Continue to deliver production growth and robust operating margins
- Additional hauling capacity and equipment replacement study
- Mine-life extension through exploration at Mackay, Valmy, Basalt and Red Dot
  - 2019 exploration budget of $7.5M
- Deep sulphide exploration




SSR
MINING
SEABEE GOLD OPERATION
HIGH-GRADE GOLD MINE

Seabee: Overview

High-margin underground operation in a stable jurisdiction

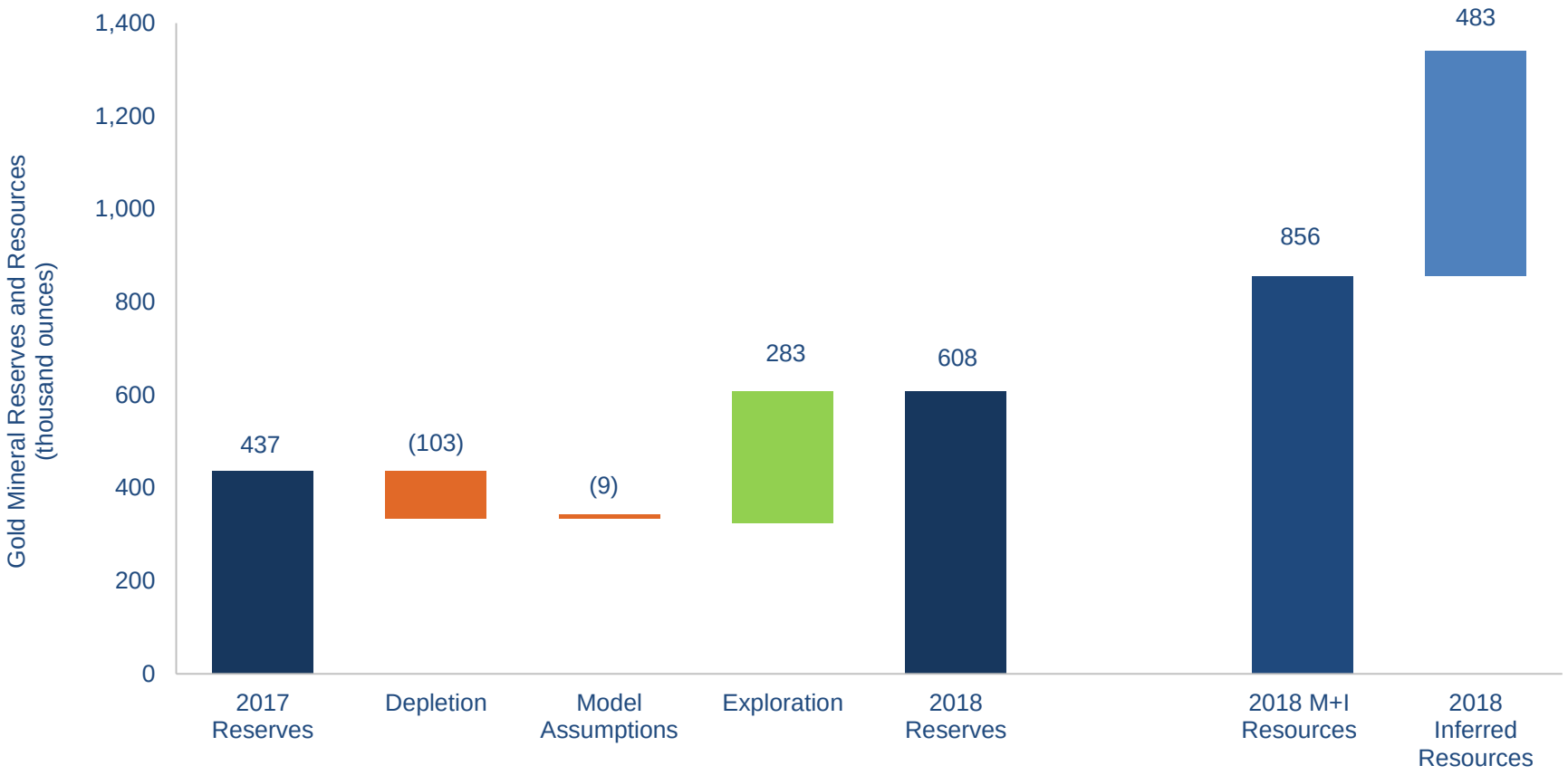
- High-grade, underground mine in Saskatchewan, Canada
  - Strong safety and environmental practices
  - Large underexplored land position of +57,000 ha
  - Track-record of Mineral Resources conversion and growth
- 2019 production and cost guidance
  - Gold production of 102,500 oz
  - Cash costs of $525/oz to $555/oz gold
- Q1 2019 gold production of 31,183 oz at cash costs of $467/oz



Notes: Please see our news release dated February 21, 2019. Cash costs is a non-GAAP financial measure. Please see "Cautionary Note Regarding Non-GAAP Measures" in this presentation.

Seabee Mineral Reserves and Resources Increased Y-o-Y

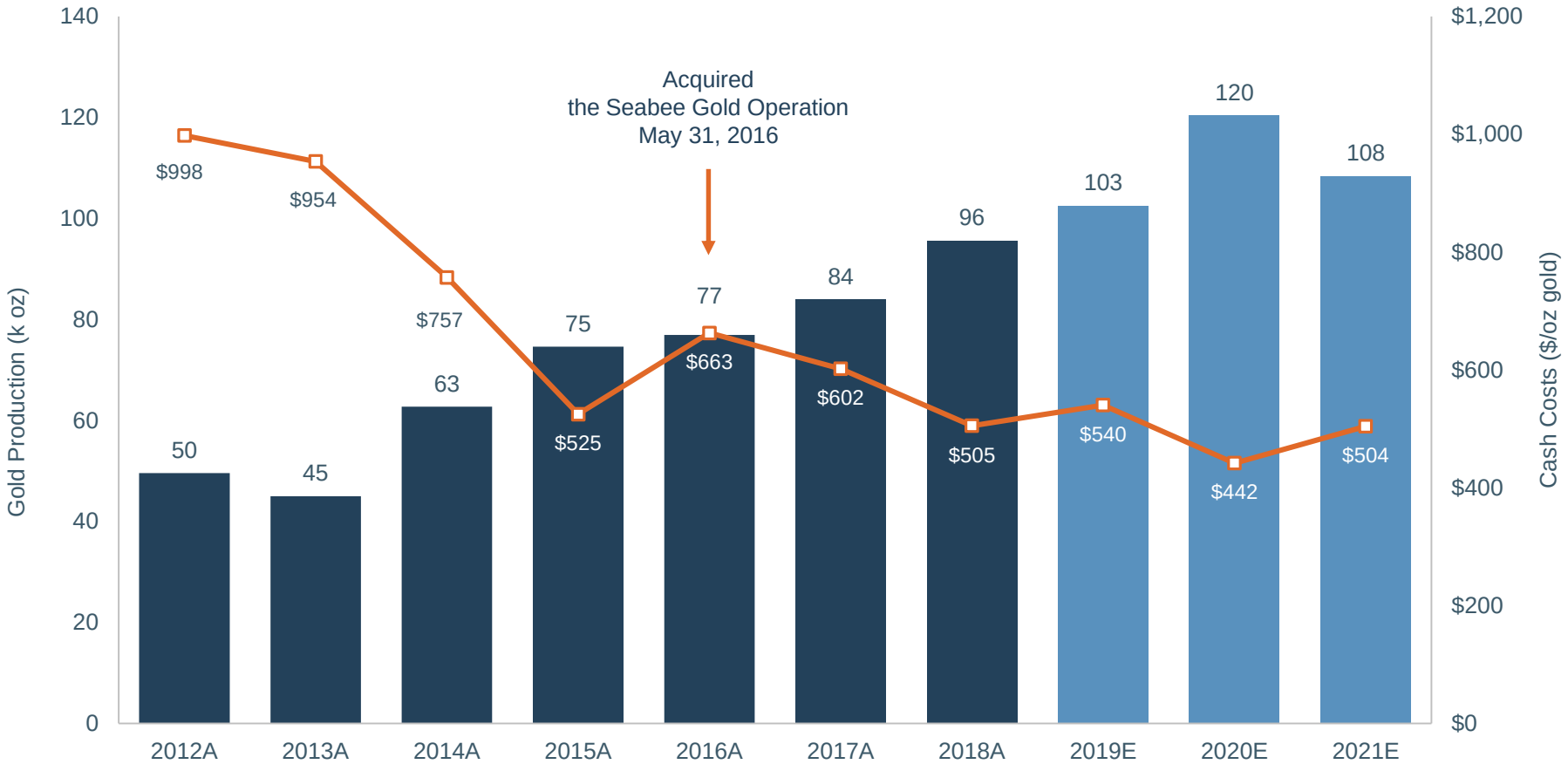
Mineral Reserves gold grade is 9.2 g/t



Notes: Mineral Reserves are based on $1,250/oz gold price assumption. Proven and Probable Mineral Reserves have a gold grade of 9.2 g/t. Measured and Indicated Mineral Resources are inclusive of Mineral Reserves. Mineral Resources are based on $1,400/oz gold price assumption. Measured and Indicated Mineral Resources have a gold grade of 11.6 g/t. Inferred Mineral Resources have a grade of 8.8 g/t. Please refer to "Cautionary Notes" and "Reserves and Resources: Notes to Table" in this presentation.

Fifth Consecutive Annual Production Record in 2018

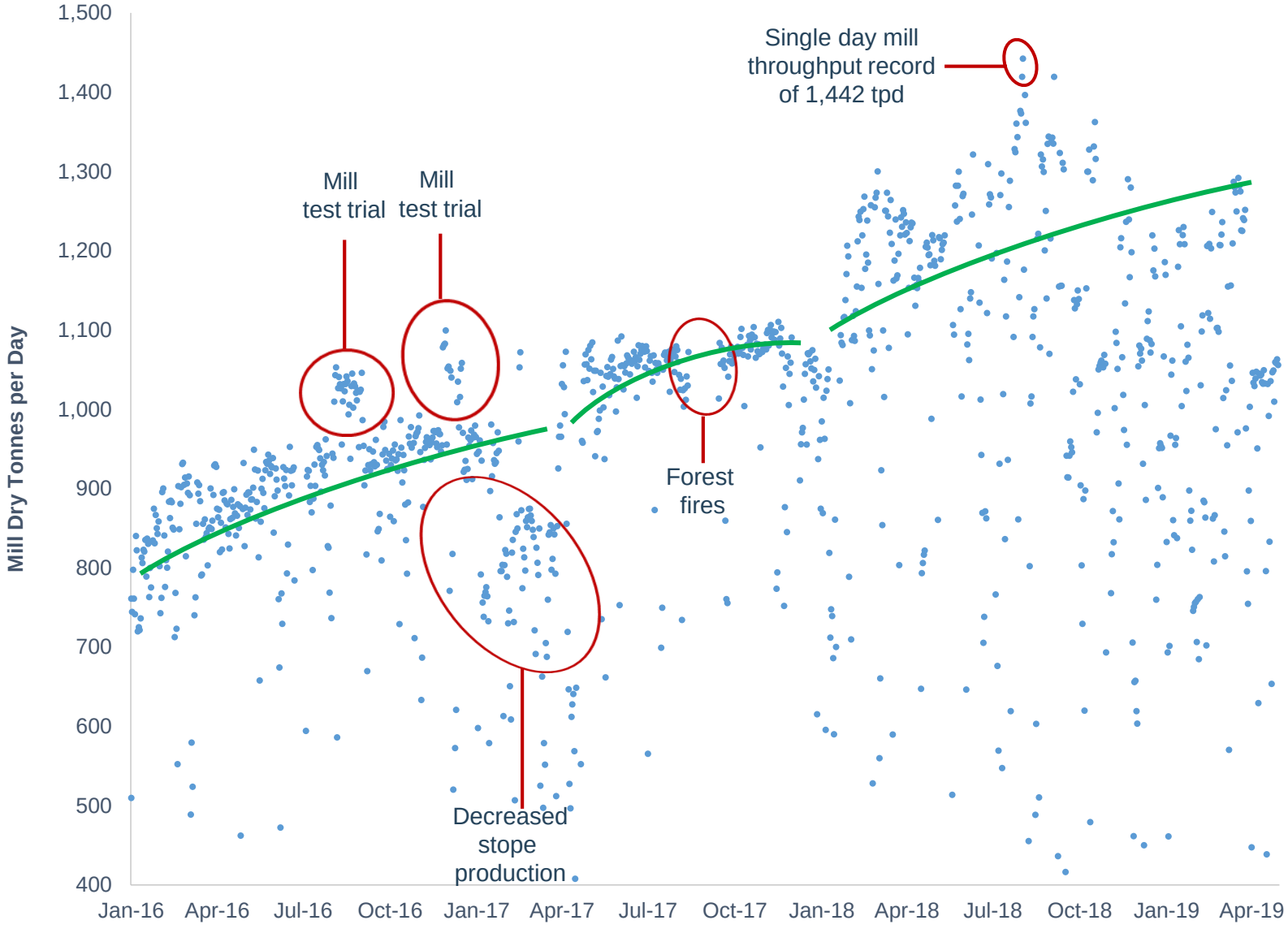
Low cash costs of ~$500/oz gold



Notes: Production and cash costs for 2019 reflect the mid-point of 2019 guidance. Production and cash costs for each of the 2020-2021 periods are based on the PEA contained within the Seabee Gold Operation Technical Report. The PEA set forth in the Seabee Gold Operation Technical Report 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 production and cash costs from the Seabee Gold Operation Technical Report will be realized. Cash costs is a non-GAAP financial measure. Please see "Cautionary Note Regarding Non-GAAP Measures" in this presentation.

Operational Excellence Driving Seabee Mill Improvements

Higher 2019 milling rates driven by increased UG mine capacity



Increased Mine Capacity in 2019

UG mining and ore transport equipment delivered and operating



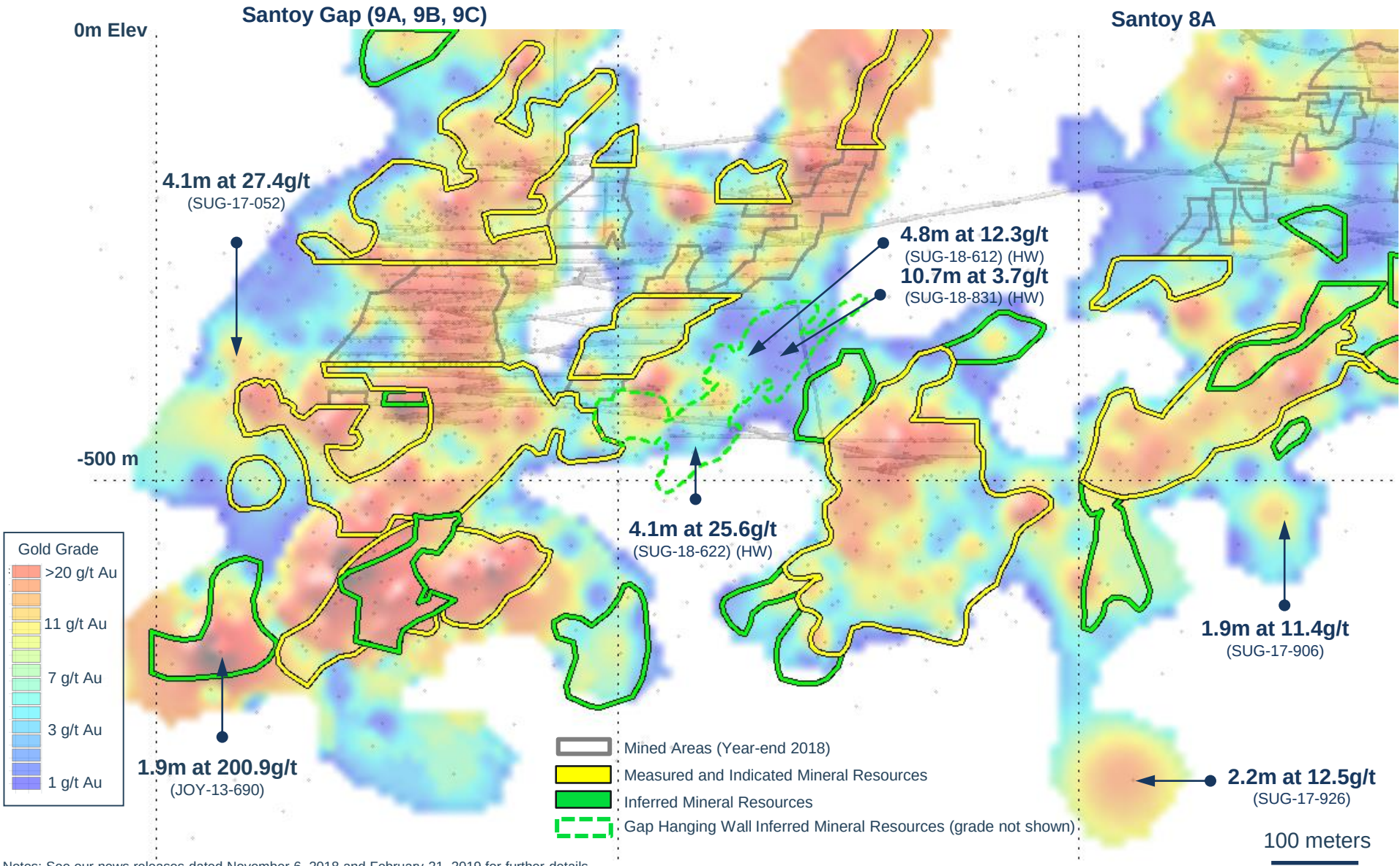
6-cubic yard LHD machine

45-tonne articulated dump truck



Seabee: Exploration Extends Reserves Near Infrastructure

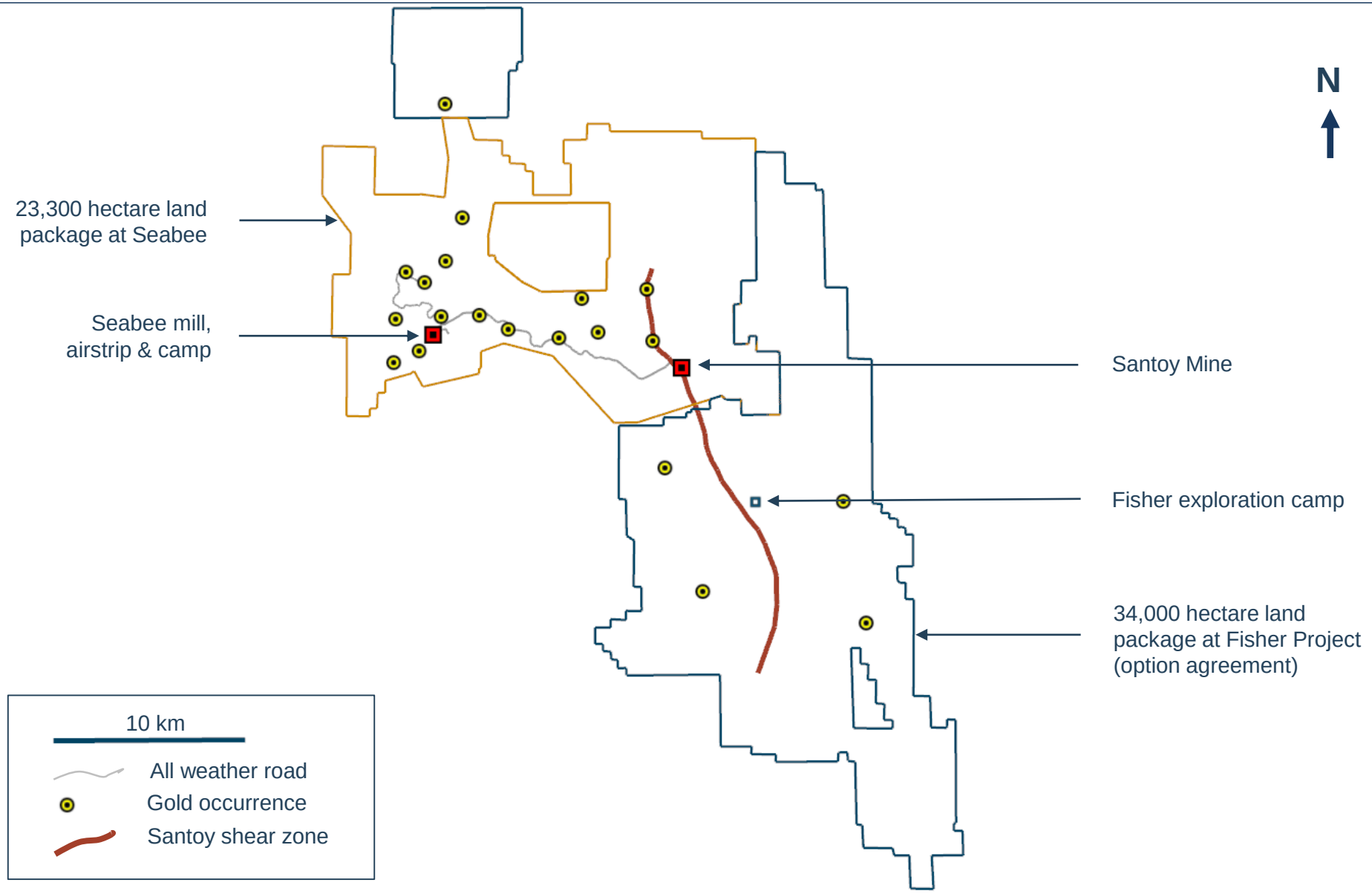
Track record of resource conversion and discovery



Notes: See our news releases dated November 6, 2018 and February 21, 2019 for further details.

Large, Contiguous Land Package

Testing +15km of sheer zone strike length



Seabee: Opportunities

- Deliver on PEA expansion case to 1,050 tpd
- Drive Operational Excellence initiatives
- Evaluate 1,200 tpd sustained mill throughput
- 2019 exploration budget of $6M
  - Santoy Gap hanging wall
  - Santoy 8A
  - Fisher property
- Focused on Mineral Resources conversion and discovery



Notes: The PEA set forth in the Seabee Gold Operation Technical Report 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 production, cash costs and mining rate from the Seabee Gold Operation Technical Report will be realized.


SSR
MINING
PUNA OPERATIONS
LARGE-SCALE SILVER PRODUCER

Puna Operations Joint Venture

Ramp-up in 2019 to steady-state silver production of +6Moz per year

- SSR Mining is the JV operator with a 75% interest
  - JV includes Chinchillas, a silver-lead-zinc deposit, and the Pirquitas plant and facilities located 45 km away
- Declared commercial production December 1, 2018
- Pirquitas plant capacity 5,000 tpd, with an operating life through +2025
- Produced 2.4M oz silver at $9.94/oz cash costs in Q1 2019
- Enhancing our exploration efforts at the Pirquitas property
  - H1 2019 to complete drone-based aeromagnetic interpretation
  - 2019 exploration budget of $1M



Notes: Please see our news release dated February 21, 2019. Cash costs is a non-GAAP financial measure. Please see "Cautionary Note Regarding Non-GAAP Measures" in this presentation.

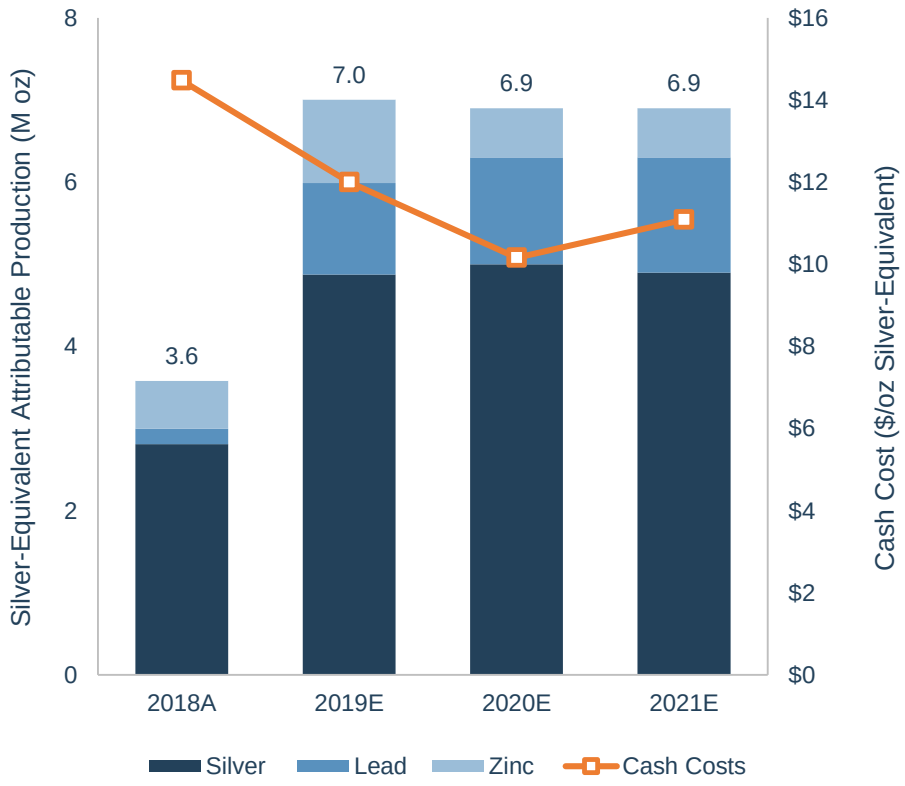
Puna: Delivering Silver Production Growth in 2019

Significant LOM base metals exposure from lead and zinc

2019 Guidance

- Attributable Production:
  - Silver: 4.5M to 5.3M oz
  - Lead: 15.0M to 19.5M lbs
  - Zinc: 11.3M to 15.0M lbs
- Cash costs:
  - $8.00/oz to $10.00/oz silver

Medium Term Outlook



Notes: In the section entitled “2019 Guidance”, cash costs and production are presented on an attributable by-product basis. In the section entitled “Medium Term Outlook”, cash costs and production are presented on an attributable co-product basis; cash costs for 2019 reflect the mid-point of our 2019 guidance; and production and cash costs for each of 2020 and 2021 are based on the Chinchillas Technical Report. Silver-equivalent production and cash costs are calculated using Mineral Reserves prices for 2019-2021. Cash costs is a non-GAAP financial measure. Please see "Cautionary Note Regarding Non-GAAP Measures” in this presentation.

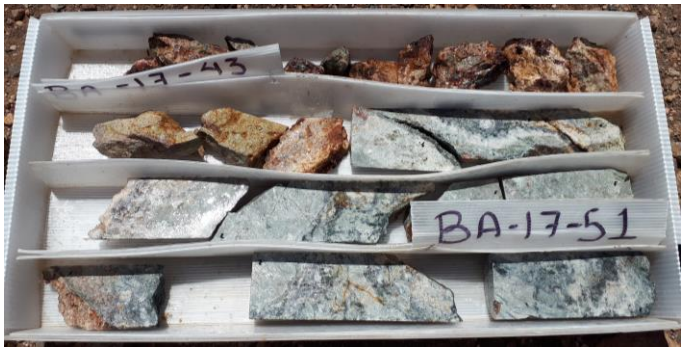
Advancing the Las Chispas High-Grade Ag-Au Deposit

SilverCrest Metals Inc. (TSXV: SIL) well funded to execute plan

- Las Chispas 2019 PEA results
  - 1,250 tpd UG operation with +8 year mine life
  - 127K oz AuEq per year with $564/oz AuEq AISC
  - Initial and sustaining capex of $150.8M
  - After-tax NPV(5) of $407M and 78% IRR
- Indicated Mineral Resource of 1.0MT grading 6.98 g/t Au and 711 g/t Ag
- Inferred Mineral Resource of 3.6MT grading 3.32 g/t Au and 333 g/t Ag
- Attractive exploration upside
- Management team with a track-record of discovery and development
- Completion of exploration decline (Q2 2019) and feasibility study (H1 2020)
- SSR Mining controls 8.2M shares (9.6% interest) in SIL



DDH BA17-51: 3.1 meters grading 40.5 g/t Au and 5,375 g/t Ag



Notes: 2019 PEA results are reported by SilverCrest Metals Inc. (“SIL”) in its news released dated May 15, 2019 and available on its website at www.silvercrestmetals.com. Mineral Resources estimate as reported by SIL in its news release dated May 14, 2019 and technical report entitled, “Technical Report and Updated Mineral Resource Estimate for the Las Chispas Property, Sonora, Mexico”, with an effective date of February 8, 2019 (the “Technical Report”), available on SEDAR at www.sedar.com under SIL's profile and on the SIL website. Mineral Resources were prepared by SIL in accordance with NI 43-101 under the supervision of a qualified person. As discussed in the Technical Report, AgEq based on 75 (Ag):1 (Au), calculated using long-term silver and gold prices of $17.00 per ounce silver and $1,225 per ounce gold with average metallurgical recoveries of 90% silver and 95% gold. Mineral Resources that are not Mineral Reserves do not have demonstrated economic viability. Inferred Mineral Resources have a great amount of uncertainty as to their existence and as to whether they can be mined legally or economically. There is no assurance that all or part of the Inferred Mineral Resources can be upgraded to a higher category. Drill hole data as reported by SIL in its news releases dated January 22, 2018. Please see “Cautionary Notes” in this presentation.

SSR Mining: Investment Highlights

Delivering value and growth for our shareholders

Production Growth: Increasing near-term gold production to +440,000 oz by 2021 at $615/oz cash costs

Management Discipline: First decile governance rating and a track record of disciplined M+A and capital allocation

Financial Strength: Strong liquidity position with $461M of cash

Seabee Opportunities: Ramping up to 1,050 tpd and exploring prospective Santoy Gap area, plus nearby Fisher project

Marigold Upside Potential: Upgrading a portion of Red Dot Phase I Mineral Resources as we evaluate equipment replacement study options

Puna Targets Steady-State: Commercial production declared December 2018 with ramp up in H1 2019

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

Value & Growth



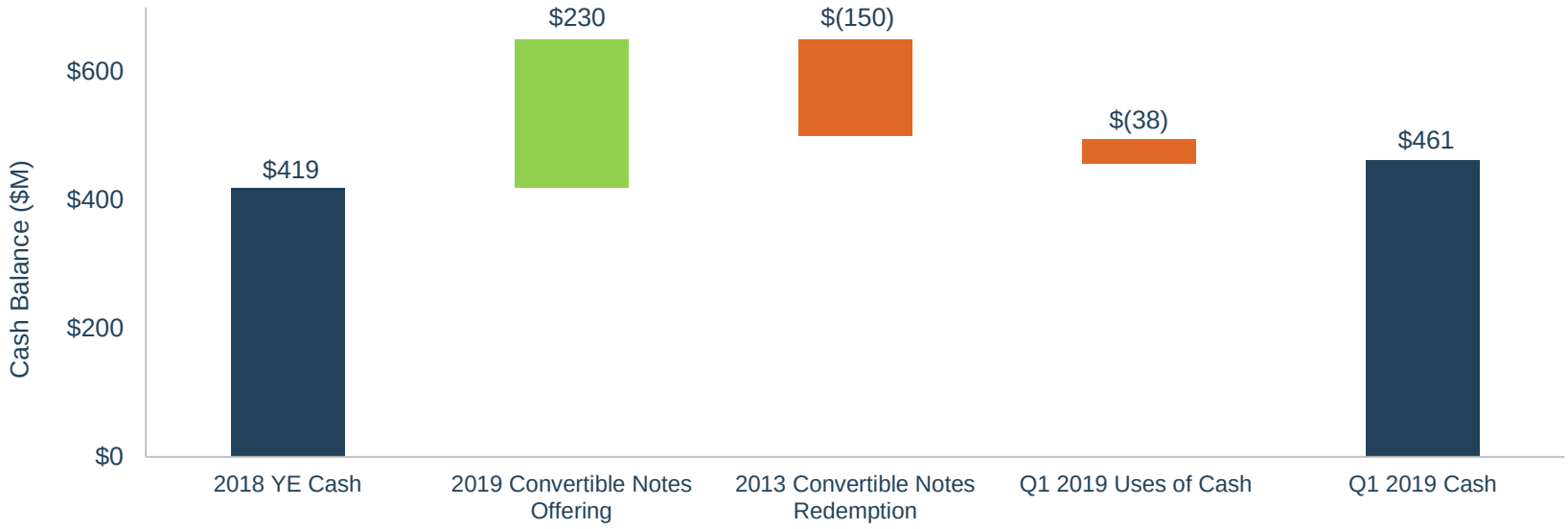
Selected Financial Results for 2017 and 2018

	Units	2018	2017
Gold Sales	oz	**290,294**	286,279
Silver Sales	Moz	**3.8**	6.0
Total Gold Equivalent Sales	oz	**335,267**	364,538
Gold Equivalent Production	oz	**347,090**	370,486
Revenue	$M	**$420.7**	$448.8
Income from Mine Operations	$M	**$76.8**	$113.3
Net (Loss) Income	$M	**$(0.0)**	$71.5
Attributable Net Income	$M	**$6.4**	$69.3
Basic Attributable Earnings per share	$	**$0.05**	$0.58
Adjusted Attributable Net Income	$M	**$28.0**	$40.1
Adjusted Basic Attributable Earnings per share	$	**$0.23**	$0.34
Cash Generated by Operating Activities	$M	**$59.8**	$144.7
Cash and Cash Equivalents	$M	**$419.2**	$459.9

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.

Convertible Note Refinancing Provides Financial Flexibility

Lower coupon, lower leverage ratios and strong cash balance

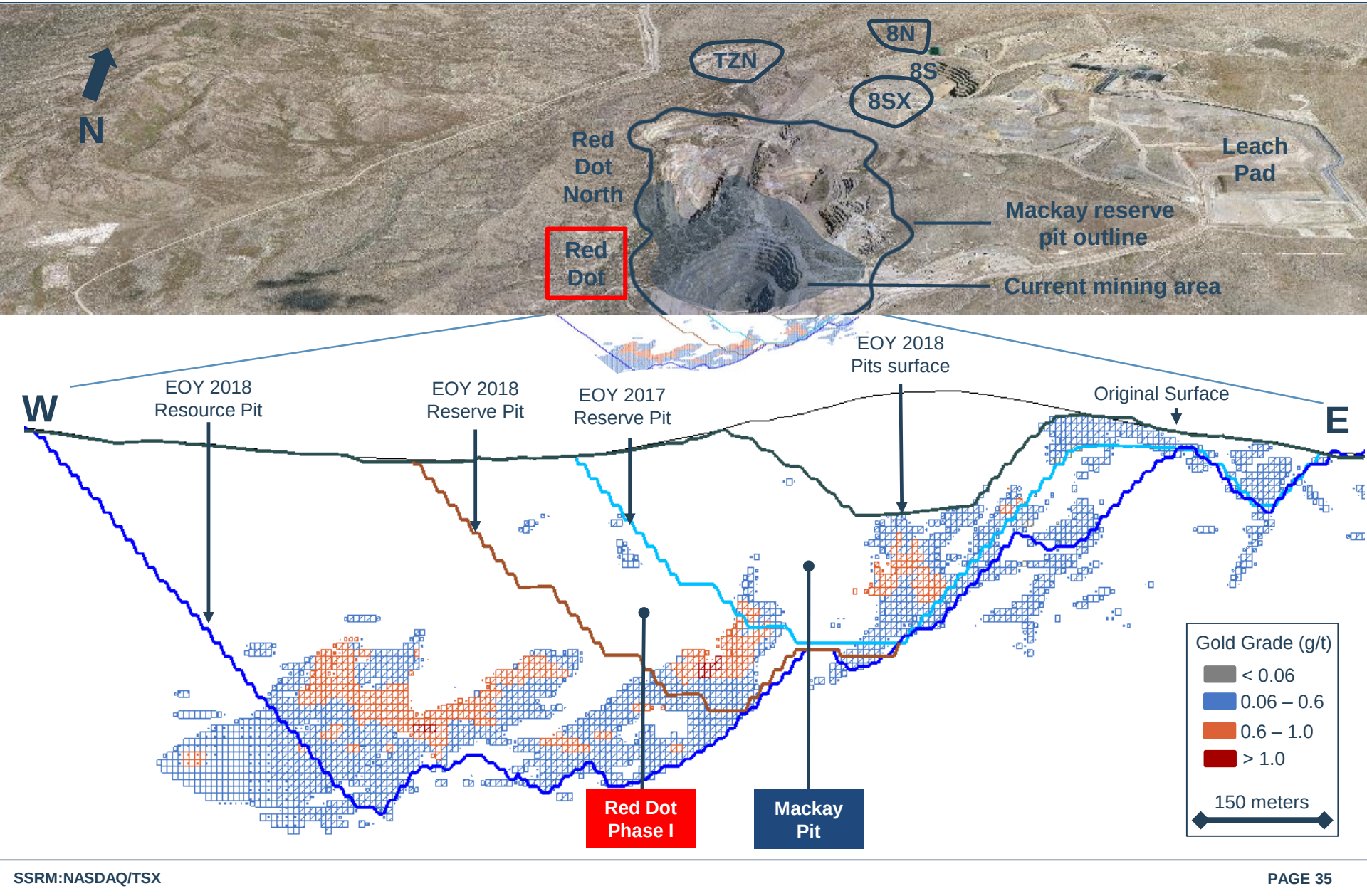


	2019 Convertible Notes	2013 Convertible Notes
Initial Principal	$230M	$265M
Outstanding Principal	$230M	$115M
Coupon (paid semi-annually)	2.50%	2.875%
Initial Conversion Price	$18.48	$20.00
Maturity	April 1, 2039	February 1, 2033
Effective Maturity	April 1, 2026	February 1, 2020

Notes: Refer to our news releases dated February 21, 2019, March 19, 2019, May 9, 2019 and January 16, 2013 for further details on the 2019 Convertible Notes and the 2013 Convertible Notes .

Marigold: Exploration Success and Resource Conversion

Red Dot Phase I added Mineral Reserves of 350,000oz of gold



Marigold: Growth Options

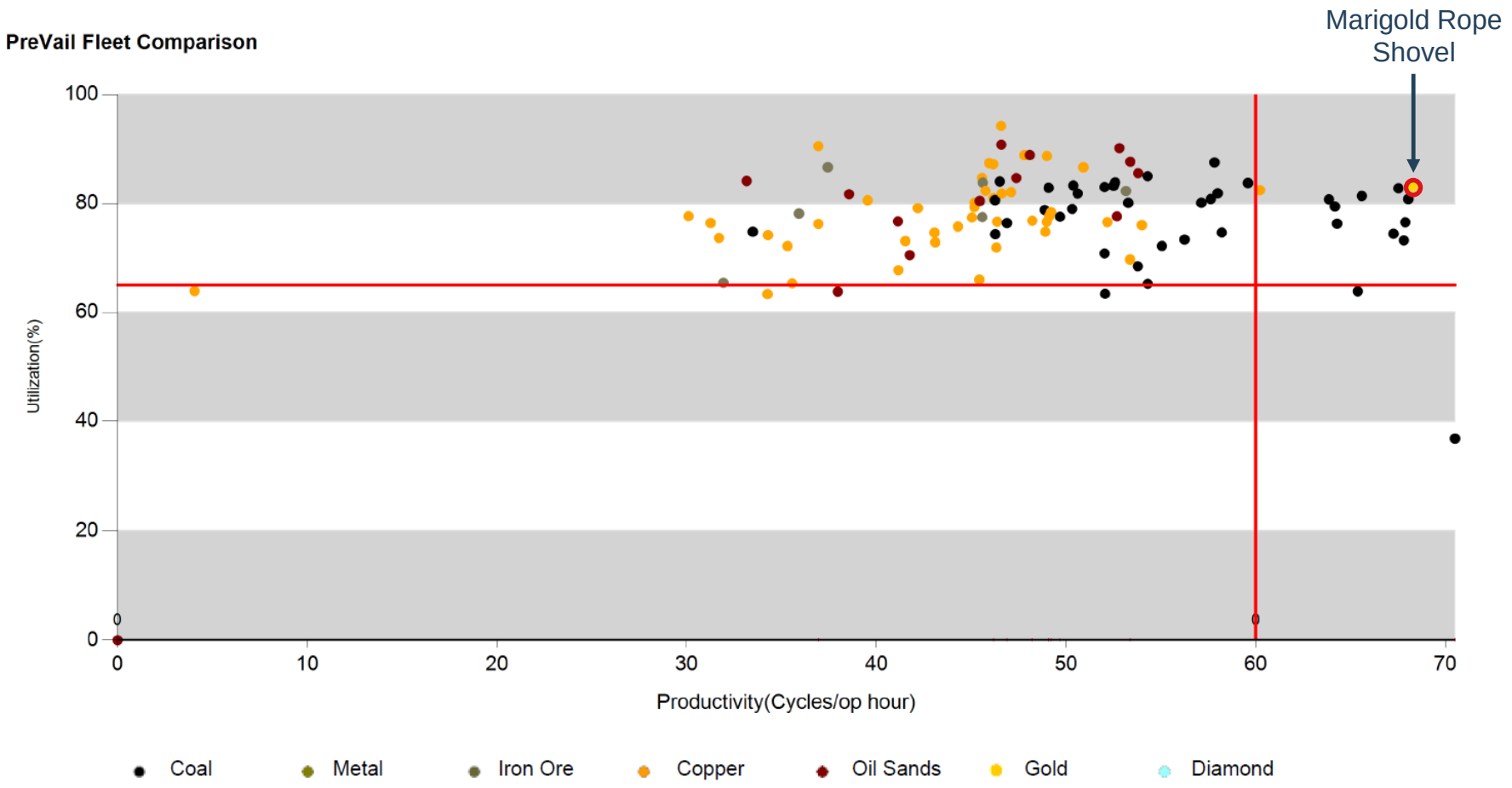
In 2019, evaluate mine fleet via equipment replacement study

		Red Dot Resource Conversion	
		Expansion	**YE 2018 R+R**
Material Movement	Mtpa	+110	+80
Life of Mine (active mining)	years	10 - 15	10 - 15
Resource Conversion	yes/no	Yes	Yes
Gold Production	oz/yr	Up to 300,000	+210,000
Mining Cost	$/tonne	<$1.30	$1.50
Mine Fleet Investment Plan	--	Add rope shovel, trucks, support gear	Replace with like-for-like equipment
Equipment Capex	$M	LOMP + ~$100	LOMP

Notes: “LOMP” refers to life of mine plan. Red Dot conversion scenario parameters are targets only and do not reflect actual results or demonstrate actual economic viability. There is no certainty that such parameters will be reflected in the Red Dot conversion scenarios or that the results of such scenarios will be realized by us. Please see “Cautionary Notes” in this presentation.

Leader in Productivity and Utilization

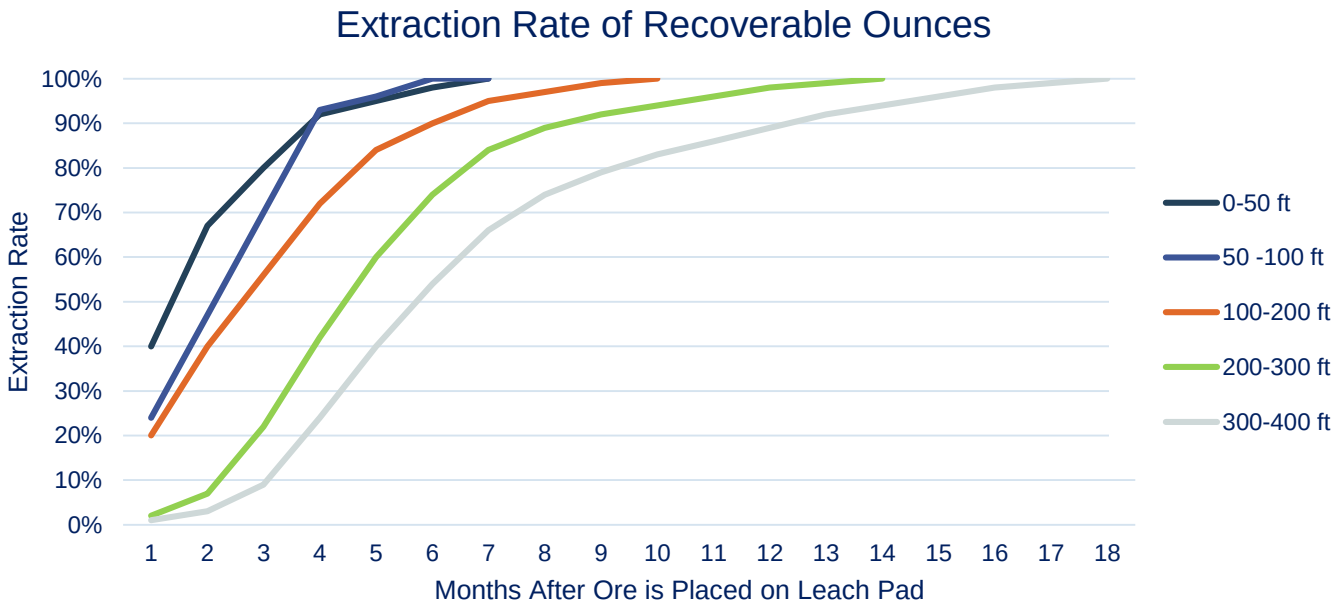
Marigold rope shovel



Notes: Marigold 4100 XPC-AC Rope Shovel compared to information provided by Joy Global benchmark study for the period January 1, 2019 to February 1, 2019 with respect to rope shovel operating practices at certain precious, base metal and diamond mines.

Marigold: Heap Leach Process

- Once ore is loaded on the heap leach pad …
  - Average time to achieve primary recovery of +50% is 90 to 120 days
  - Average time to achieve overall recovery of 73% is seven to nine months
- Most important factor to leach recovery time is loaded ore to ‘plastic’ distance
  - Every 100 feet of pad height extends leach recovery time by ~120 days



Seabee: Preliminary Economic Assessment

Expanded margins from higher throughput and grade

- Increases mining rate by 21% to 1,050 tpd by 2019, compared to 2016
- Mines 62% of Inferred Mineral Resources
- Increases estimated LOM average gold production by 29% to 100,000 ounces per year *(for the period 2018 to 2023, compared to 2016)*
- Utilizes current infrastructure to allow for lower project capital of $90M over seven years
- LOM estimated cash costs of $548 per payable ounce gold sold
- Pre-tax NPV(5%) of $364M *($1,300 gold price)*
- After-tax NPV(5%) of $292M *($1,300 gold price)*

Notes: The PEA set forth in the Seabee Gold Operation Technical Report 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 production, cash costs and mining rate from the Seabee Gold Operation Technical Report will be realized. Cash costs is a non-GAAP financial measure. Please see "Cautionary Note Regarding Non-GAAP Measures" in this presentation.

Seabee: PEA Financial Summary and Sensitivity Analysis

Cash Flows ($M)	
Net Revenue	**$893.5**
Operating Costs	$(346.0)
Royalties and Other	$(28.5)
Δ in Working Capital	$10.3
Operating Cash Flow	**$529.3**
Capital Costs	$(89.5)
Reclamation	$(7.2)
Pre-Tax Cash Flow	**$432.7**
Tax	$(86.0)
Post-tax Cash Flow	**$346.7**
NPV5% (pre-tax)	**$363.5**
NPV5% (post-tax)	**$292.0**
Gold price	$1,300 per ounce
Exchange rate (2019 onwards)	C$1.25:US$1.00

Pre-tax NPV (5%) Sensitivities ($M)

		Gold Price ($/oz)		
		$1,200	$1,300	$1,400
Canadian Exchange Rate	1.20:1	$289	$346	$403
	1.25:1	$307	**$364**	$420
	1.30:1	$319	$376	$433

Pre-tax NPV (5%) Sensitivities ($M)

		Site Costs (% change)		
		-10%	0%	10%
Infrastructure Capital (% change)	10%	$392	$359	$326
	0%	$396	**$364**	$331
	-10%	$401	$368	$335

Notes: The PEA set forth in the Seabee Gold Operation Technical Report 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 capital costs, operating costs, cash flows, net present value and economic returns from the Seabee Gold Operation Technical Report will be realized. The Canadian exchange rate is assumed to be 1.275:1 in 2017-2018 and 1.25:1 thereafter.

Chinchillas Project: Data Sheet (100% Basis)
Declared commercial production December 1, 2018

Mine life:	8 years
Total material mined:	66.6 M tonnes
Strip ratio:	4.7
Processing rate:	4,000 tpd
Average annual production (8 years active mining):	6.1 Moz Silver 35.0 Mlb Lead 12.3 Mlb Zinc 8.4 Moz Silver Eq
Total production:	51.0 Moz Silver 71.0 Moz Silver Eq
Operating costs:	$2.88 / t mined, mining costs $15.34 / t milled, mining costs $14.72 / t milled, processing costs $7.00 / t milled, G&A costs $8.29 / t milled, ore transport & other
Cash costs:	$7.40 / oz Silver *(net of by-products)*
AISC:	$9.75 / oz Silver *(net of by-products)*
Development capital:	$81 M
Sustaining capital:	$44 M
NPV:	$178 M *(post-tax, 5%)*
IRR:	29% *(post-tax)*





Notes: All data is as reported in the Chinchillas Technical Report available under our profile on the SEDAR website at www.sedar.com or on our website at www.ssrmining.com. Cash costs are net of estimated capitalized stripping over the life of mine. Metal price assumptions include $19.50/oz silver, $0.95/lb lead and $1.00/lb zinc. Silver equivalent values are based on these metal price assumptions. Measured and Indicated Mineral Resources are inclusive of Mineral Reserves. Cash costs and AISC are non-GAAP measures. Please refer to “Cautionary Notes” and “Reserves and Resources: Notes to Table” in this presentation.

Mineral Reserves
(as of December 31, 2018)

	Location	Tonnes millions	Silver g/t	Gold g/t	Lead %	Zinc %	SSRM % Interest	SSRM Interest Silver million oz	SSRM Interest Gold million oz
Proven Mineral Reserves									
Seabee	Canada	0.33		9.00			100		0.09
Chinchillas	Argentina	0.94	196		0.67	0.33	75	4.5	
Total								**4.5**	**0.09**
Probable Mineral Reserves									
Marigold	U.S.	201.50		0.47			100		3.06
Marigold Leach Pad Inventory	U.S.						100		0.24
Seabee	Canada	1.73		9.24			100		0.51
Chinchillas	Argentina	7.91	161		1.35	0.47	75	30.7	
Chinchillas Stockpiles	Argentina	0.60	157		0.96	0.68	75	2.3	
Pirquitas Stockpiles	Argentina	0.87	64			1.43	75	1.3	
Total								**34.3**	**3.81**
Total Proven and Probable Mineral Reserves									
Marigold	U.S.	201.50		0.47			100		3.06
Marigold Leach Pad Inventory	U.S.						100		0.24
Seabee	Canada	2.05		9.20			100		0.61
Chinchillas	Argentina	8.85	165		1.28	0.46	75	35.1	
Chinchillas Stockpiles	Argentina	0.60	157		0.96	0.68	75	2.3	
Pirquitas Stockpiles	Argentina	0.87	64			1.43	75	1.3	
Total Proven and Probable								**38.7**	**3.91**

Mineral Resources: Measured and Indicated
(as of December 31, 2018)

	Location	Tonnes millions	Silver g/t	Gold g/t	Lead %	Zinc %	SSRM % Interest	SSRM Interest Silver million oz	SSRM Interest Gold million oz
Measured Mineral Resources (Inclusive of Proven Mineral Reserves)									
Seabee	Canada	0.45		11.76			100		0.17
Chinchillas	Argentina	2.11	130		0.52	0.39	75	6.6	
Pitarrilla	Mexico	12.35	90		0.70	1.22	100	35.7	
Total								**42.4**	**0.17**
Indicated Mineral Resources (Inclusive of Probable Mineral Reserves)									
Marigold	U.S.	354.50		0.47			100		5.32
Marigold Leach Pad Inventory	U.S.						100		0.24
Seabee	Canada	1.85		11.56			100		0.69
Chinchillas	Argentina	26.01	100		0.94	0.62	75	62.5	
Pirquitas UG	Argentina	2.63	292			4.46	75	18.6	
Pirquitas Stockpiles	Argentina	0.87	64			1.43	75	1.3	
Pitarrilla	Mexico	147.02	97		0.32	0.87	100	460.7	
Pitarrilla UG	Mexico	5.43	165		0.68	1.34	100	28.8	
San Luis	Peru	0.48	578	22.40			100	9.0	0.35
Amisk	Canada	30.15	6	0.85			100	6.0	0.83
Total								**586.9**	**7.42**
Measured and Indicated Mineral Resources (Inclusive of Mineral Reserves)									
Marigold	U.S.	354.50		0.47			100		5.32
Marigold Leach Pad Inventory	U.S.						100		0.24
Seabee	Canada	2.29		11.60			100		0.86
Chinchillas	Argentina	28.13	102		0.91	0.60	75	69.1	
Pirquitas UG	Argentina	2.63	292			4.46	75	18.6	
Pirquitas Stockpiles	Argentina	0.87	64			1.43	75	1.3	
Pitarrilla	Mexico	159.36	97		0.35	0.89	100	496.5	
Pitarrilla UG	Mexico	5.43	165		0.68	1.34	100	28.8	
San Luis	Peru	0.48	578	22.40			100	9.0	0.35
Amisk	Canada	30.15	6	0.85			100	6.0	0.83
Total Measured and Indicated								**629.3**	**7.59**

Mineral Resources: Inferred
(as of December 31, 2018)

	Location	Tonnes millions	Silver g/t	Gold g/t	Lead %	Zinc %	SSRM % Interest	SSRM Interest Silver million oz	SSRM Interest Gold million oz
Inferred Mineral Resources									
Marigold	U.S.	33.60		0.37			100		0.40
Seabee	Canada	1.70		8.82			100		0.48
Chinchillas	Argentina	21.29	50		0.54	0.81	75	25.7	
Pirquitas UG	Argentina	1.08	207			7.45	75	5.4	
Pitarrilla	Mexico	8.52	77		0.18	0.58	100	21.2	
Pitarrilla UG	Mexico	1.23	138		0.89	1.25	100	5.5	
San Luis	Peru	0.02	270	5.60			100	0.2	0.00
Amisk	Canada	28.65	4	0.64			100	3.7	0.59
Total Inferred								**61.6**	**1.48**

Reserves and Resources
Notes to Tables

All estimates set forth in the Mineral Reserves and Mineral Resources table have been prepared in accordance with National Instrument 43-101 - *Standards of Disclosure for Mineral Projects* ("NI 43-101"). The estimates of Mineral Reserves and Mineral Resources for each property other than the Marigold mine, the Seabee Gold Operation and the Amisk project have been reviewed and approved by Bruce Butcher, P.Eng., our Director, Mine Planning, and F. Carl Edmunds, P.Geo., our Vice President, Exploration, each of whom is a qualified person.

Mineral Resources are reported inclusive of Mineral Reserves. Mineral Resources that are not Mineral Reserves do not have demonstrated economic viability. Due to the uncertainty that may be attached to Inferred Mineral Resources, it cannot be assumed that all or any part of an Inferred Mineral Resource will be upgraded to an Indicated or Measured Mineral Resource as a result of continued exploration. Mineral Reserves and Mineral Resources estimates of silver ounces for Puna Operations, comprised of Chinchillas and Pirquitas are reported on a 75% attributable basis. Mineral Reserves and Mineral Resources figures have some rounding applied, and thus totals may not sum exactly. All ounces reported herein represent troy ounces, and "g/t" represents grams per tonne. All $ references are in U.S. dollars. All Mineral Reserves and Mineral Resources estimates are as at December 31, 2018. Metal prices utilized for Mineral Reserves estimates are $1,250 per ounce of gold, $18.00 per ounce of silver, $0.90 per pound of lead and $1.00 per pound of zinc. Metal prices utilized for Mineral Resources estimates are $1,400 per ounce of gold, $20.00 per ounce of silver, $1.10 per pound of lead and $1.30 per pound of zinc, except as noted below for each of the Chinchillas project, the San Luis project and the Amisk project. All technical reports for the properties are available under our profile on the SEDAR website at www.sedar.com or on our website at www.ssrmining.com.

Marigold Mine: Except for updates to cost parameters, all other key assumptions, parameters and methods used to estimate Mineral Reserves and Mineral Resources and the data verification procedures followed are set out in the technical report entitled "NI 43-101 Technical Report on the Marigold Mine, Humboldt County, Nevada" dated July 31, 2018 (the "Marigold Technical Report"). For additional information about the Marigold mine, readers are encouraged to review the Marigold Technical Report. Mineral Reserves estimate was prepared under the supervision of James Frost, P.E., a qualified person and our Technical Services Superintendent at the Marigold mine, and is reported at a cut-off grade of 0.065 g/t payable gold. Mineral Resources estimate was prepared under the supervision of James N. Carver, SME Registered Member, our Chief Geologist at the Marigold mine, and Karthik Rathnam, MAusIMM (CP), our Resource Manager, Corporate, each of whom is a qualified person. Mineral Resources estimate is reported based on an optimized pit shell at a cut-off grade of 0.065 g/t payable gold, and includes an estimate of Mineral Resources for mineralized stockpiles using Inverse Distance cubed.

Seabee Gold Operation: Except for updates to cost parameters, mill recovery and dilution to include recent operating results, and resource modeling techniques based on recommendations set forth in the technical report entitled "NI 43-101 Technical Report for the Seabee Gold Operation, Saskatchewan, Canada" dated October 20, 2017 (the "Seabee Gold Operation Technical Report"), all other key assumptions, parameters and methods used to estimate Mineral Reserves and Mineral Resources and the data verification procedures followed are set out in the Seabee Gold Operation Technical Report. For additional information about the Seabee Gold Operation, readers are encouraged to review the Seabee Gold Operation Technical Report. Mineral Reserves estimate was prepared under the supervision of Kevin Fitzpatrick, P.Eng., a qualified person and our Engineering Supervisor at the Seabee Gold Operation. Mineral Reserves estimate for the Santoy mine is reported at a cut-off grade of 3.31 g/t gold. Mineral Resources estimate was prepared under the supervision of Jeffrey Kulas, P.Geo., a qualified person and our Manager Geology, Mining Operations at the Seabee Gold Operation. Block modeling techniques were used for Mineral Resources and Mineral Reserves evaluation for the Santoy mine and Porky West deposits. The preliminary economic assessment set forth in the Seabee Gold Operation Technical Report is preliminary in nature, and it includes Inferred Mineral Resources that are considered too speculative geologically to have the economic considerations applied to them that would enable them to be categorized as Mineral Reserves, and there is no certainty that the preliminary economic assessment will be realized.

Puna Operations: Chinchillas Mineral Reserves estimate is reported at a cut-off grade of $37.80 per tonne net smelter return ("NSR"). For additional information on the key assumptions, parameters and methods used to estimate Chinchillas Mineral Reserves and the data verification procedures followed, readers are encouraged to review the technical report entitled "NI 43-101 Technical Report Pre-feasibility Study of the Chinchillas Silver-Lead-Zinc Project, Jujuy Province, Argentina" dated May 15, 2017 (the "Chinchillas Technical Report"). Chinchillas Mineral Resources estimate is reported at a base case cut-off grade, which reflects the transport to and processing of ore at the Pirquitas plant, of 60.00 grams per tonne silver equivalent based on projected operating costs and using metal price assumptions of $22.50 per ounce of silver, $1.00 per pound of lead and $1.10 per pound of zinc. For additional information on the key assumptions, parameters and methods used to estimate Chinchillas Mineral Resources and the data verification procedures followed, readers are encouraged to review the Chinchillas Technical Report. Pirquitas underground Mineral Resources (Pirquitas UG) estimate is reported below the completed open pit shell; Mineral Resources estimate for the Mining Area (which includes San Miguel, Chocaya, Oploca and Potosí zones) is reported at a cut-off grade of $100.00 per tonne NSR for San Miguel, Oploca and Potosi, and $90.00 per tonne NSR for Cortaderas. Pirquitas Mineral Reserves and Pirquitas Mineral Resources estimates in surface stockpiles are reported at a cut-off grade of $20.00 per tonne NSR, respectively, and were determined based on grade, rehandling costs and recovery estimates from metallurgical testing.

San Luis Project: Mineral Resources estimate is reported at a cut-off grade of 6.0 g/t gold equivalent, using metal price assumptions of $600 per ounce of gold and $9.25 per ounce of silver.

Pitarrilla Project: Mineral Resources estimate for the open pit is reported at a cut-off grade of $16.38 per tonne NSR for direct leach material, and $16.40 per tonne NSR for flotation/leach material. Underground Mineral Resources (Pitarrilla UG) estimate is reported below the constrained open pit resource shell above a cut-off grade of $80.00 per tonne NSR, using grade shells that have been trimmed to exclude distal and lone blocks that would not support development costs.

Amisk Project: Mineral Resources estimate was prepared by Sebastien Bernier, P.Geo., a qualified person. Mineral Resources estimate is reported at a cut-off grade of 0.40 grams of gold equivalent per tonne using metal price assumptions of $1,100 per ounce of gold and $16.00 per ounce of silver inside conceptual pit shells optimized using metallurgical and process recovery of 87%, overall ore mining and processing costs of $15.00 per tonne and overall pit slope of fifty-five degrees.

SSR Mining Executive Team and Board of Directors

Depth of experience and a top governance rating



Paul Benson
President and CEO



Nadine J. Block
SVP, Human Resources



W. John DeCooman, Jr.
SVP, Business Development and Strategy



Gregory J. Martin
SVP and CFO



Kevin O'Kane
SVP and COO



Michael Anglin
Chairman



Brian Booth
Director



Gustavo Herrero
Director



Richard Paterson
Director



Steven Reid
Director



Simon Fish
Director



Beverlee Park
Director



Elizabeth Wademan
Director



Paul Benson
Director, President and CEO

ISS QualityScore GOVERNANCE
Highest Rating By INSTITUTIONAL SHAREHOLDER SERVICES

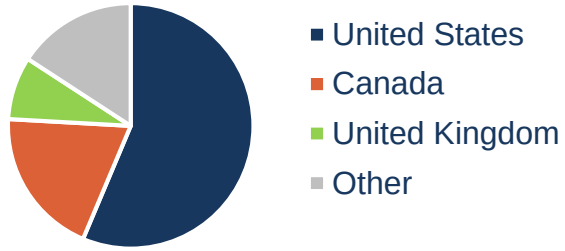
First decile corporate governance rating leads peer group

SSR Mining Inc.

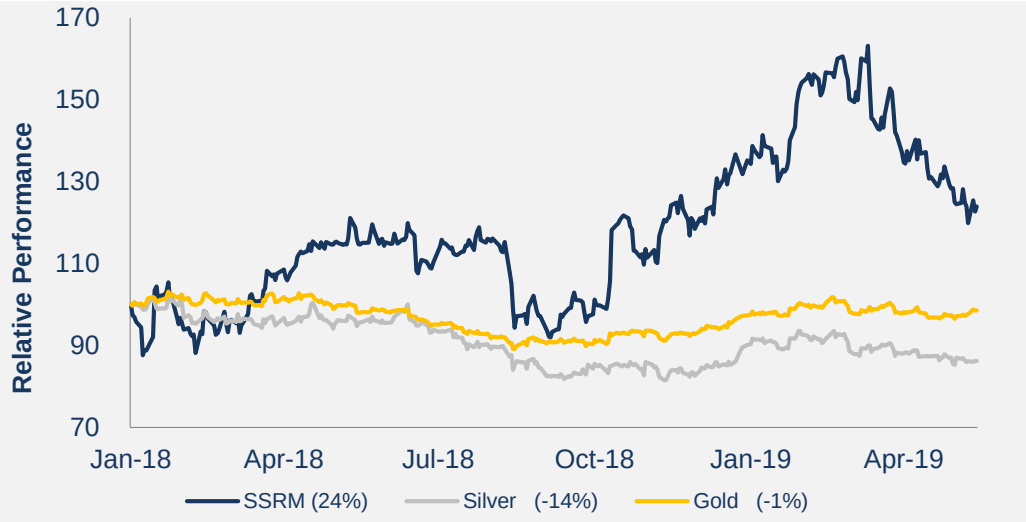
Share capital structure, convertible note and top shareholders overview

Top 10 Shareholders	% of Shares Outstanding
Van Eck	13.7%
Renaissance Technologies	4.8%
Investec Asset Management	4.0%
Connor Clark & Lunn Investment Management	3.1%
The Vanguard Group Inc.	2.6%
Dimensional Fund Advisors, L.P.	1.9%
Global X Management Company	1.6%
Fidelity Management & Research Company	1.5%
Norges Bank Investment Management	1.4%
TD Asset Management	1.1%

Institutional Holdings by Country



Holding by Investor Class: 76% Institutional
24% Retail and Other



	$ Million
Cash and Cash Equivalents	$461
Marketable Securities	$33
2013 Convertible Notes	$115
2019 Convertible Notes	$230
Credit Facility *($75M, undrawn)*	-
Market Capitalization	$1,330

Total Shares Outstanding: 121.0 million

Source: Capital IQ, Ipreo; as at May 15, 2019. Cash and cash equivalents, marketable securities, revolving credit facility and total shares outstanding as at March 31, 2019. Market capitalization as at May 15, 2019. For the 2013 Convertible Notes and the 2019 Convertible Notes, please refer to our news releases dated January 16, 2013 and March 19, 2019 and to the slide relating to convertible notes in this presentation.



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