



A TRACK RECORD OF CREATING VALUE

January 2019



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; production and cost guidance; future cash costs and all-in sustaining costs ("AISC") per payable ounce of precious metals sold; expected operating, exploration and development expenditures; the prices of precious metals; future interest rates; the effects of laws, regulations and government policies affecting our operations or potential future operations; future successful exploration and 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; the estimated cost of sustaining capital; our ability to discover new mineralization; our ability to convert Inferred Mineral Resources to Indicated Mineral Resources and to convert Mineral Resources into Mineral Reserves; timing and focus of our exploration and development programs; opportunities to increase the economics 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 Marigold mine equipment replacement study and Red Dot conversion scenario; the anticipated effect of haul truck and equipment purchases at the Marigold mine on future production; expansion of the Seabee Gold Operation based on the results of the Preliminary Economic Assessment ("PEA"); the PEA representing production growth, improved margins and expansion of Mineral Resources; timing, amount and duration of future production of gold under the PEA; the estimated capital and operating costs under the PEA; the estimates of net cash flow, net present value and economic returns from the Seabee Gold Operation under the PEA; expected timing for and potential of throughput ramp up at the Seabee Gold Operation; expected timing of completion of the drone-based aeromagnetic survey at Puna Operations; expected 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.; the estimates of expected or anticipated economic returns from our mining projects, including future sales of metals, concentrate or other products; ongoing or future development plans and capital replacement, improvement or remediation programs; our ability to achieve our production and cost guidance; 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 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; 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 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; other risks related to our common shares; 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 that 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 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 scientific and technical information contained in this news release relating to the Fisher project has been reviewed and approved by Mr. Edmunds. 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, adjusted basic attributable earnings 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 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

- ✗ Inconsistent operating performance
- ✗ Declining reserves
- ✗ Declining production
- ✗ Single asset risk
- ✗ Country risk
- ✗ Poor corporate governance
- ✗ Value destructive M&A
- ✗ Lack of suitable investment vehicles
- ✗ Dilution risk, inability to self-fund

SSRM Investment Catalysts

- ✓ Achieved guidance seven straight years
- ✓ Track record of reserve growth
- ✓ Production growth +37% through 2021
- ✓ Diversified operating platform
- ✓ Favorable jurisdictions
- ✓ Peer-leading governance rating
- ✓ Track record of growing NAV/share
- ✓ Dual listed, strong liquidity
- ✓ Strong cash balance of \$475M

Notes: Cash balance as of September 30, 2018

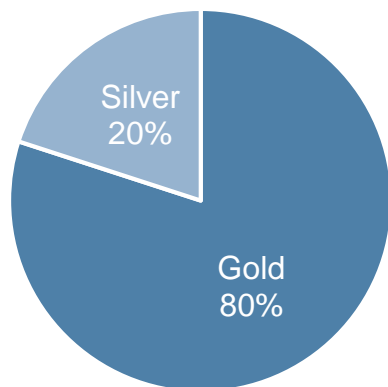
A Growing Intermediate Precious Metals Producer



+400,000 oz AuEq

2019 gold equivalent production

Achieved production guidance seven consecutive years



100% of Gold
Production is
North America-
based

~\$1.4B market cap

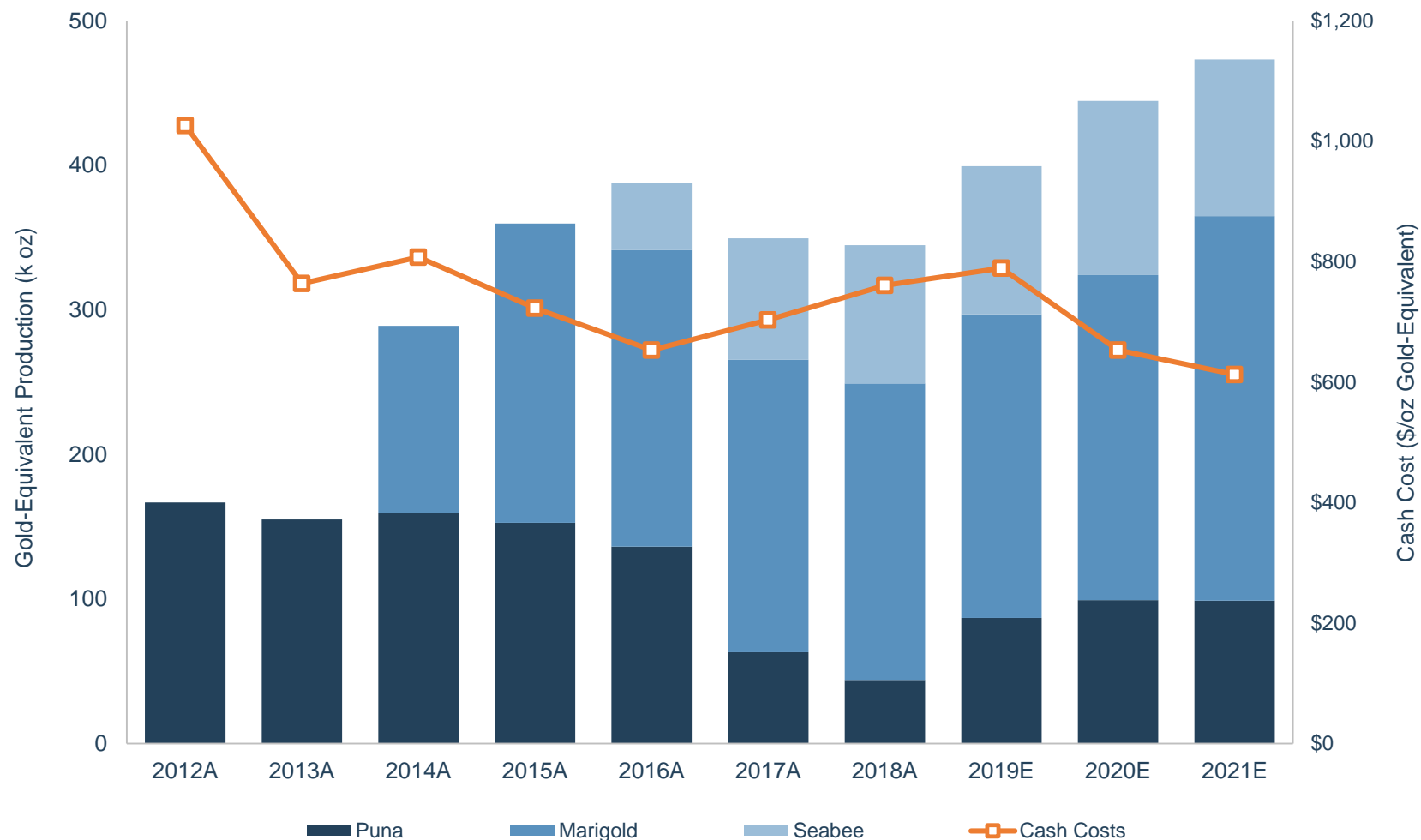
Liquid stock with \$10M traded daily on NASDAQ and TSX
\$475M of cash on hand

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- A map of North and South America with several locations marked by dots. A legend indicates that orange dots represent "Operating Mines" and dark blue dots represent "Advanced Projects". There are four orange dots in North America (two in the US and two in Mexico) and two dark blue dots in South America (one in Peru and one in Chile).
- Operating Mines
 - Advanced Projects

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 January 16, 2019 and cash position is as at September 30, 2018. Please see "Cautionary Notes" in this presentation.

Track Record of Growth and Decreasing Costs

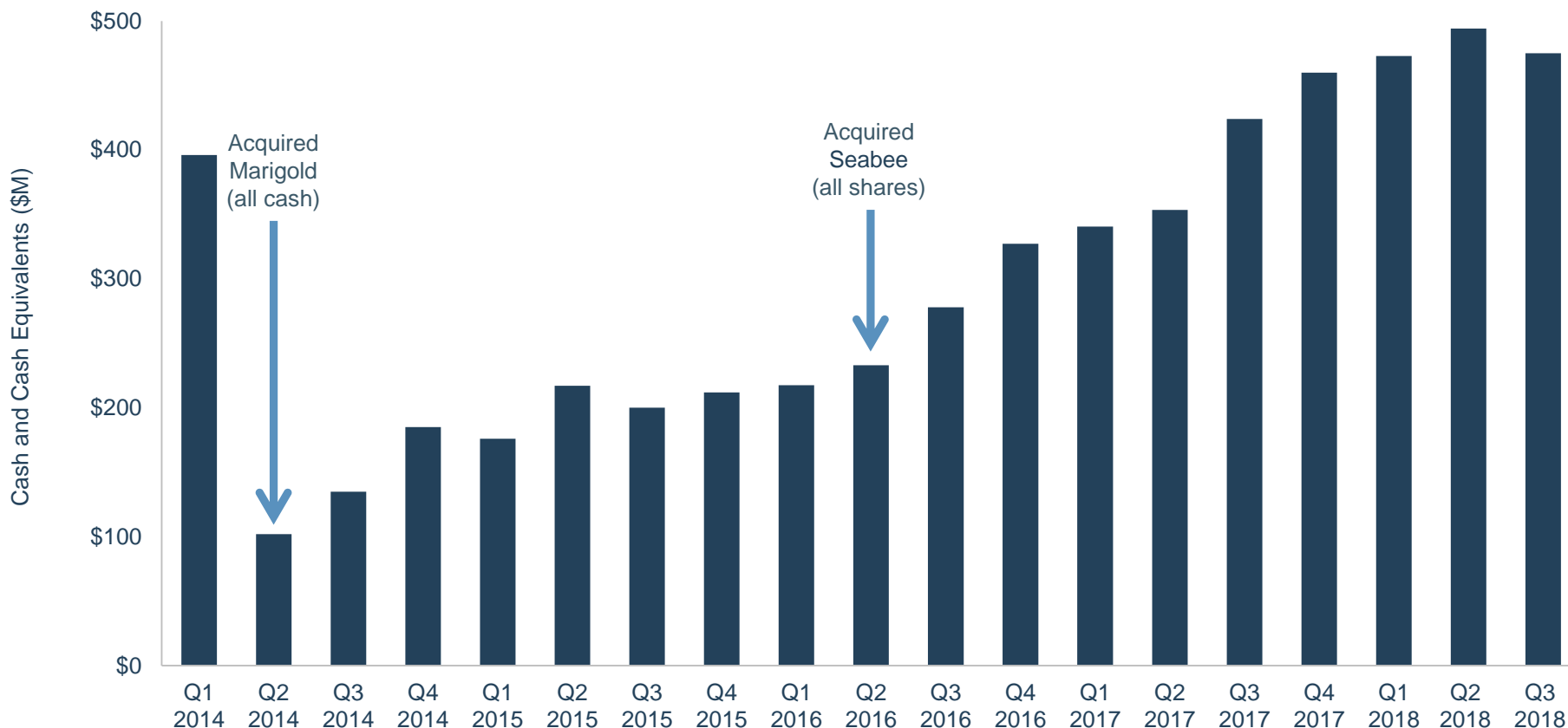
Near-term production growth to +440,000 AuEq by 2021



Notes: Production for 2018 reflects actual production as reported in our news release dated January 15, 2019, while cash costs reflect the mid-point of 2018 guidance as reflected in our November 8, 2018 news release. Production and cash costs for 2019 reflect the mid-point of 2019 guidance as reported in our news release dated January 15, 2019. Production and cash costs for each of the 2020-2021 periods for each operation are based on the Marigold updated life of mine reported in our news release dated June 18, 2018, the Seabee Gold Operation PEA as reported in our news release dated September 7, 2017 and the Puna Operations PFS as reported in our news release dated May 31, 2017. Gold equivalent ounces have been established using the realized silver prices in the respective years, and applicable Mineral Reserve prices for 2019-2021. Production and cash costs are reported on a co-product and attributable basis. 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 Free Cash Flow Generation

Maintaining a strong balance sheet while investing in our assets



Note: SSR Mining's cash and cash equivalents as per financial statements as at each respective quarterly date.

Track Record of Growing Net Asset Value Per Share

Driven by cost reduction, mine life extension and exploration



Notes: Peer index represents an equal weighted index, indexed to SSR Mining NAV per share beginning December 31, 2014 and ending January 11, 2018; peer index includes Alamos Gold, Kirkland Lake, Coeur, Hecla, Tahoe Resources, OceanaGold, Torex Gold, New Gold, B2 Gold, Detour Gold, Eldorado Gold and Fortuna. Source: Capital IQ.

Delivering Value and Growth for Our Shareholders

Near-term Investment Catalysts

- Reserve and Resource Update
- Ramp up at Seabee to 1,050 tpd
- Marigold equipment replacement study
- Steady-state production at Puna Operations

Production and Free Cash Flow Growth

- Production growth to +440,000 oz AuEq by 2021
- Q3 2018 operating cash flow of \$35M

Strong Financial Position

- Strong liquidity position with \$475M of cash
- Track record of disciplined capital allocation

Exploration Upside

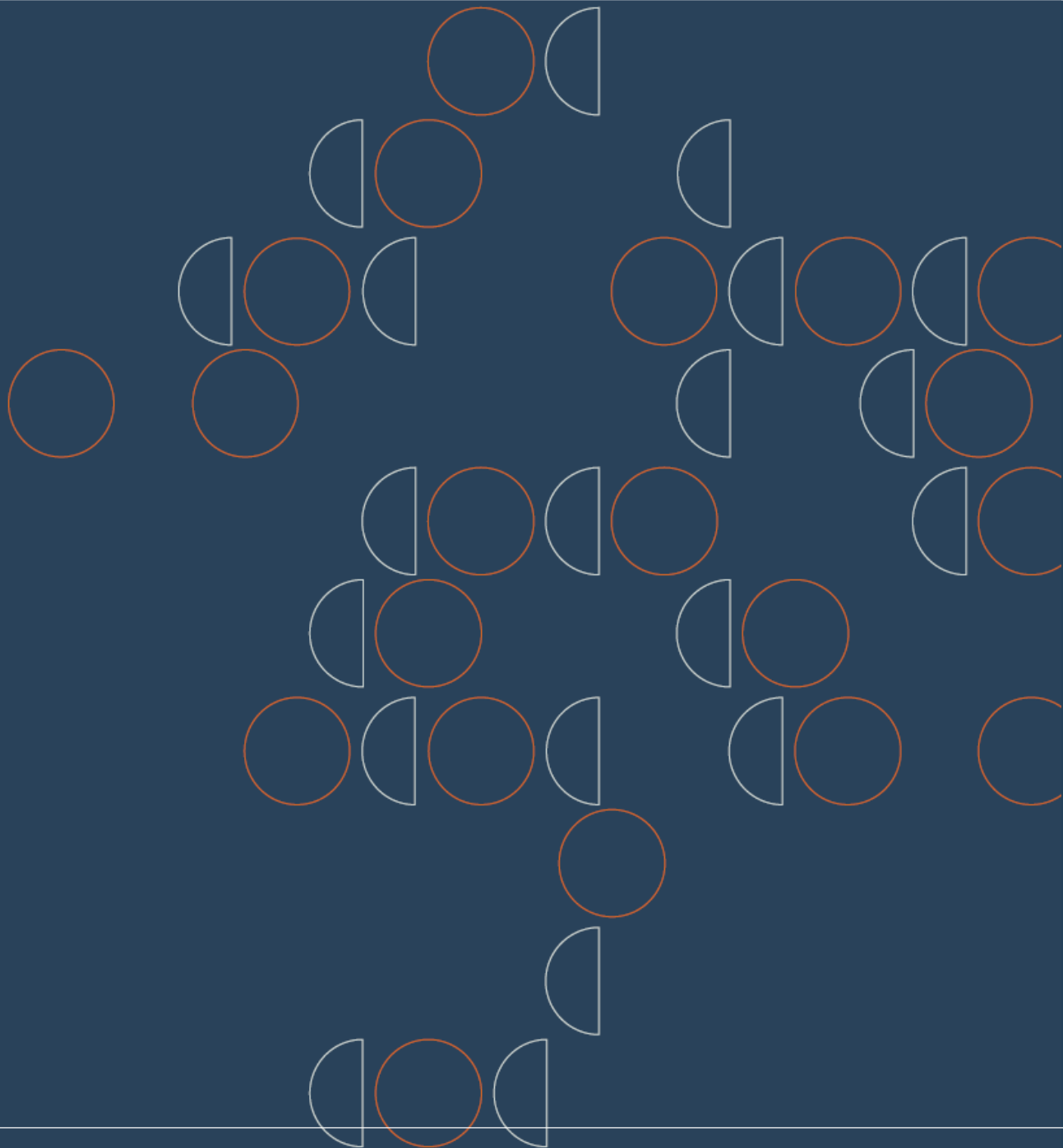
- Exploration at Santoy Gap HW and Fisher project
- Focused on upgrading a portion of Red Dot Mineral Resources in Q2 2019

Notes: Cash and cash equivalents as of September 30, 2018. Please also refer to "Cautionary Notes" in this presentation.



Value & Growth





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