

Q2 2021 Conference Call

August 2021

Cautionary Notes



Cautionary Note Regarding Forward-Looking Statements

Except for statements of historical fact relating to the Company, certain statements contained in this presentation constitute forward-looking information, future oriented financial information, or financial outlooks (collectively "forward-looking information") within the meaning of Canadian securities laws. Forward-looking information may be contained in this document and the Company's other public filings. Forward-looking information relates to statements concerning the Company's outlook and anticipated events or results and in some cases, can be identified by terminology such as "may", "will", "could", "should", "expect", "intend", "estimate", "projects", "predict", "potential", "continue" or other similar expressions concerning matters that are not historical facts.

Forward-looking information and statements in this presentation are based on certain key expectations and assumptions made by the Company. Although the Company believes that the expectations and assumptions on which such forward-looking information and statements are based are reasonable, undue reliance should not be placed on the forward-looking information and statements because the Company can give no assurance that they will prove to be correct. Forward-looking information and statements are subject to various risks and uncertainties which could cause actual results and experience to differ materially from the anticipated results or expectations expressed in this presentation. The key risks and uncertainties include, but are not limited to: local and global political and economic conditions; government and regulatory requirements and actions by governmental authorities, including changes in government policy, government ownership requirements, changes in environmental, tax and other laws or regulations and the interpretation thereof; developments with respect to COVID-19 pandemic, including the duration, severity and scope of the pandemic and potential impacts on mining operations; and other risk factors detailed from time to time in the Company's reports filed with the Canadian securities regulatory authorities.

Forward-looking information and statements in this presentation include statements concerning, among other things: forecasts; outlook; timing of production; production, cost, operating and capital expenditure guidance; the Company's intention to return excess attributable free cash flow to shareholders; the timing and implementation of the Company's dividend policy; the implementation of any share buyback program and the amount thereof; statements regarding plans or expectations for the declarations of fluture dividends and the amount thereof; statements regarding plans or expectations for the declaration of any share buyback program and the amount thereof; statements regarding plans or expectations for the declaration of any share buyback program and the amount thereof; statements regarding plans or expectations for the declaration of future dividends and the ensistence or realization of Mineral Resource estimates; the Company's ability to discover new areas of mineralization; the timing and extent of capital investment at the Company's operations; the timing and extent of capital investments for the next twelve months; movements in commodity prices not impacting the value of any financial instruments; estimated production rates for gold, silver and other metals produced by the Company; the estimated cost of sustaining capital; availability of sufficient financing; receipt of regulatory approvals; the timing of studies, announcements, and analysis; the timing of construction and development of proposed mines and process facilities; ongoing or future development, estimates of expectations from the Company's mining projects, including future sales of metals, concentrate or other produced by the Company and the timing thereof; the Company's mining projects, including future sales of metals, concentrate or other produced by the Company and the timing thereof; the Company's mining projects, including future sales of metals, concentrate or other produced by the Company and the timing thereof; the Company's plans and

Such forward-looking information and statements are based on a number of material factors and assumptions, including, but not limited in any manner to, those disclosed in any other of the Company's filings, and include: the inherent speculative nature of exploration results; the ability to explore; communications with local stakeholders; maintaining community and governmental relations; status of negotiations and potential transactions, including joint ventures; weather conditions at the Company's operations; commodity prices; the divelopment approach; availability and receipt of required approvals, titles, licenses and permits; sufficient working capital to develop and operate the mines and implement development plans; access to adequate services and supplies; foreign currency exchange rates; interest rates; access to capital markets and associated cost of funds; availability of a qualified work fore; ability to negotiate, finalize, and execute relevant agreements; lack of social opposition to the Company's mines or facilities; lack of legal challenges with respect to the Company's properties; the ultimate ability to meter production; the ability to meet production, cost, and capital expenditure targets; timing and ability to produce studies and analyses; capital and operating expenditures; economic conditions; availability of sufficient financing; the ultimate ability to mine, process, and sell mineral products on economically favorable terms; and and other timing, exploration, development, operational, budgetary, economic, legal, social, geopolitical factors that may influence future events or conditions. While the Company consider these factors and assumptions to be reasonable based on information currently available to the Company, they may prove to be incorrect.

The above list is not exhaustive of the factors that may affect any of the Company's forward-looking statements and information. You should not place undue reliance on forward-looking information and statements. Forward-looking information and statements are only predictions based on the Company's current expectations and the Company's projections about future events. Actual results may vary from such forward-looking information for a variety of reasons including, but not limited to, risks and uncertainties disclosed in the Company's filings on the Company's website at <u>www.sec.gov</u>, and on the ASX at <u>www.sec.gov</u>, and on the ASX at <u>www.sec.gov</u>, and on ther unforeseen events or circumstances. Other than as required by law, the Company does not intend, and undertake no obligation to update any forward-looking information to reflect, among other things, new information or future events.

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 MD&A relating to Copler has been reviewed and approved by Robert L. Clifford, BS (Mine Eng), SME Registered Member, and Dr. Cengiz Y. Demirci, AIPG (CPG), each of whom is a qualified person under NI 43-101 – Standards of Disclosure for Mineral Projects ("NI 43-101"). Mr. Clifford is the Company's Director, Mine Planning (Turkey, Argentina), and Dr. Demirci is the Company's Vice President, Exploration. The scientific and technical information contained in this MD&A relating to Marigold has been reviewed and approved by Greg Gibson and James N. Carver, each of whom is a SME Registered Member and a qualified person under NI 43-101. Mr. Gibson is the Company's General Manager at Marigold and Mr. Carver is the Company's Resource Development Manager, USA. The scientific and technical information contained in this MD&A relating to Scabee has been reviewed and approved by Gree Baker, B. Eng. (Mining), FAusIMM (20051), and Jeffrey Kulas, P.Geo., each of whom is a qualified person under NI 43-101. Mr. Baker is Mr. Baker is mployed by OreWin Pty Ltd as Principal Mining Consultant, and Mr. Kulas is the Company's Resource Development Manager, Canada. The scientific and technical information contained in this MD&A relating to Puna has been reviewed and approved by Robert Gill, P.Eng., and Karthik Rathnam, MAusIMM (CP), each of whom is a qualified person under NI 43-101. Mr. Gill is the Company's General Manager at Puna. and Mr. Rathnam is the Company's Resource Development

Cautionary Note Regarding Mineral Reserves and Mineral Resources Estimates

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 - Standards of Disclosure for Mineral Projects ("NI 43-101"). 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 the SEC rules that are applicable to domestic United States reporting companies. Consequently, Mineral Resources information included in this presentation may not be comparable to similar information concerning mineral deposits set forth herein may not be comparable with information made public by companies that report in accordance with U.S. standards.

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 free cash flow, cash costs and AISC per payable ounce of gold and silver sold, realized metal prices, earnings before interest, taxes, depreciation and amorization ("EBITDA"), adjusted attributable net income, adjusted basic attributable earnings per share, consolidated cash and consolidated net cash. Non-GAAP measures do not have any standardized metaning prescribed under IFRS and, therefore, they may not be comparable to similar measures employed by other companies. The Company believe that, in addition to conventional measures prepared in accordance with IFRS, certain investors use this information to evaluate the Company's 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. Readers should refer to the endnotes in this presentation for further information regarding how the Company calculates certain of these measures. Readers should also refer to the Company's management's discussion and analysis, available under the Company's corporate profile at <u>www.searning.com</u>, under the heading "Non-GAAP Financial Measures" for a more detailed discussion of how the Company calculates such measures and a reconciliation of certain measures to GAAP terms.

Diversified Portfolio of High Quality, Long-Life Assets Operations and projects across six jurisdictions



High Quality Diversified Portfolio	 2021 production: 720 – 800 koz AuEq ⁽¹⁾ 9+ Moz AuEq Mineral Reserves ⁽²⁾ 21+ year cornerstone asset life ⁽³⁾ 	Operations Projects
Balance Sheet Strength	 Consolidated Cash: \$908M ⁽⁸⁾ Consolidated Debt: \$407M ⁽⁸⁾ Ability to fund organic growth 	Çöpler
Free Cash Flow Leader		in Luis
Organic Growth Potential	 High return, low capital intensity near-term growth ~27 Moz AuEq M&I Mineral Resources ⁽²⁾ Six district scale land packages totalling 375,000+ ha 	Puna
Experienced Leadership	 Continued operational delivery Track record of value creation and building assets 	3 Operating Gold Assets: Çöpler, Marigold & Seabee 1 Operating Silver Asset: Puna 3 Projects: Ardich, Pitarrilla & San Luis 20+ Near-Mine and Stand-Alone Exploration Properties 4 Public Company Equity Interests 18 Royalty Interests (\$100M sale announced July '21)



2021 Outlook

Operational delivery, free cash flow generation, capital returns and growth



Priorities

- Corporate
- Operational excellence and free cash flow generation
- Continued improvements in health & safety across the portfolio
- Deliver peer-leading capital returns targeting +5% yield
- Issue inaugural 3-year guidance

Çöpler

- Flotation circuit commissioning and ramp-up (Q3)
- Ardich exploration and development update (Q3)
- C2 exploration and advancement update (Q4)

Marigold

- Ongoing cost reduction and continuous improvement initiatives
- Oxide exploration targeting higher grades and conversion at Mackay, Valmy, New Millennium, Trenton Canyon and Buffalo Valley (Q4)
- Sulfide exploration and evaluation (2022+)

Seabee

- Increase mining rates to exploit latent mill capacity
- Mineral Resource conversion at both Gap HW and Santoy HW
- Seabee and Fisher exploration and resource development update (Q3)

Puna

- Maintain mill throughput rates above 4,000 tonnes per day
- Integration of owner-operated ore transport fleet completed

2021 Production Guidance ⁽¹⁾

Çöpler	Au koz	310 – 340
Marigold	Au koz	235 – 265
Seabee	Au koz	95 – 105
Puna	Ag Moz	6.0 - 7.0
Consolidated	AuEq koz	720 – 800

2021 AISC Guidance (1,10)

Çöpler	\$/Au oz	\$760 - \$810
Marigold	\$/Au oz	\$1,250 - \$1,290
Seabee	\$/Au oz	\$860 - \$910
Puna	\$/Ag oz	\$16.00 - \$17.50
Consolidated	\$/AuEq oz	\$1,050 - \$1,110

Growth ⁽¹⁾							
Capital Expenditures	\$M	\$33					
Exploration	\$M	\$54					
Consolidated	\$M	\$87					

Q2 2021 Highlights Exceptional Track Record Of Operational and Financial Delivery



Operational

Financial

Growth

- Operational Records At All Four Producing Assets
- Consolidated production of 200 koz AuEq at AISC of \$961 / oz AuEq
- On-track to achieve 2021 guidance targets
- Record operational milestones at Çöpler, Marigold, Puna, and Seabee

Peer Leading Free Cash Flow Generation Aligned with Capital Returns Initiatives

- Cash flow from operations of \$149M and free cash flow of \$100M ⁽⁵⁾
- Consolidated cash of \$908M ⁽⁸⁾ and consolidated debt of \$407M ⁽⁸⁾
- Year to date capital returns of ~\$125 million, or ~\$165/oz / ~3.5% yield*
- Sale of royalty portfolio for total consideration of US\$100M (post June 30th)

Continued Advancement of Development and Exploration Projects

- Çöpler flotation plant commissioning and ramp-up remain expected in Q3 2021
- Ardich step-out / infill drilling continues to support resource expansion and conversion for 2022 update
- Near-mine drill campaigns at Seabee & Marigold ongoing

Strong Quarterly Financial Results



Financial Highlights ⁽¹⁵⁾						EP	S Brid	lge				
	Units	Q2 2021	Q1 2021	\$0.50				0.10		0.00	0.40	
Gold Equivalent Production	oz	199,673	196,094	\$0.45					(0.04)	0.03	0.46	
Gold Sales	oz	173,620	173,370	\$0.40		0.11	0.01					
Silver Sales	Moz	2.0	2.0	\$0.35		0.11						
Total Gold Equivalent Sales	oz	201,504	201,494	\$0.30	0.25							
Revenue	\$M	\$377.0	\$366.5	\$0.25 \$0.20	0.20							
Income from Mine Operations	\$M	\$154.9	\$147.8	\$0.15								
Net Income	\$M	\$51.6	\$59.8	\$0.10								
Attributable Net Income	\$M	\$54.0	\$53.0	\$0.05								
Basic Attributable Earnings per share	\$	\$0.25	\$0.24	\$0.00	ble me	ent ts	sts Ice	ent	cts	cts	ple	
Adjusted Attributable Net Income (14)	\$M	\$101.0	\$102.4		Attributable Net Income	Adjustment ed Assets	Instrated Asset ed Co	ipairm	Tax Impacts	(Impa	ributat ome	
Adjusted Basic Attributable Earnings per share ⁽¹⁴⁾	\$	\$0.46	\$0.47		Att Ne	At N€	Fair Value Adjustmer on Acquired Assets	COVID-19 Related Costs and Care & Maintenance	Asset Impairment	Та)	Other / FX Impacts	Adjusted Attributable Net Income
Cash Generated by Operating Activities	\$M	\$148.6	\$145.2			Ea	COVII and C				A	
Consolidated Cash ⁽⁸⁾	\$M	\$908.0	\$901.6									



~\$908M of Consolidated Cash, 96%+ Held in USD ⁽⁸⁾



Free Cash Flow Leader Aligning Peer Leading Free Cash Flow Yield with Capital Returns Yield



2021E Consensus Free Cash Flow Yield ^(4,5)

% | Consensus Free Cash Flow (100% basis) / Market Capitalization



2021E Capital Return Yield

% | Consensus Capital Returns (100% basis) / Market Capitalization



SSRM:TSX / NASDAQ, SSR:ASX

** Comprised of base dividend of US\$44MM (~\$60/oz / ~1.2% yield) + NCIB up to ~US\$150MM (~\$200/oz / ~4.3% yield)

Track Record of Growth

On-track to meet guidance, three-year guidance expected before year-end





Çöpler: Long Life, Low Cost Operation



Location: Turkey Mining: Open pit **Stage:** Production **Processing:** Heap leach, POX

Ownership: 80% **Land:** ~27,000 ha

Q2 2021 Highlights

- Gold production of 76 koz at \$824/oz AISC
- 55 koz from the sulfide plant and 21 koz from the oxide plant
- Record tonnes processed through sulfide plant in H1
- Maintenance shutdown successfully completed in Q2
- Flotation plant construction completed, commissioning in Q3 2021
- TSF construction phases advancing ahead of operational requirements
- Ardich step-out / infill drilling continues to support resource expansion and conversion



	Q2 2021 Actual	H1 2021 Actual	2021 Guidance ⁽¹⁾
Gold Production (koz)	76	154	310 – 340
Mine-site AISC (\$/oz) ⁽¹⁰⁾	\$824	\$782	\$760 - \$810

2021 Priorities

- Flotation plant ramp-up
- Ardich exploration and concurrent development towards 2023 production
- C2 exploration and advancement, focusing on expandable development plan
- Regional exploration initiatives across the Cöpler district

Marigold: Large-Scale Open Pit in Nevada



Location: Nevada, USA Stage: Production Mining: Open pit

Processing: ROM, heap leach

Ownership: 100% Land: ~20.000 ha

Q2 2021 Highlights

- Gold production of 58 koz at \$1,174/oz AISC
- Second consecutive guarterly record material movement of 25.0 million tonnes
- Increased material movement due to shorter haulage cycles, coupled with stronger haul truck utilization and increased loading fleet capacities
- Production slightly impacted by reduced flow rates as stacking on Cell 24 commenced in the quarter
- Dewatering infrastructure progressing as planned

Marigold Rope Shovel



		Q2 2021 Actual	H1 2021 Actual	2021 Guidance ⁽¹⁾
my,	Gold Production (koz)	58	126	235 – 265
	Mine-site AISC (\$/oz) ⁽¹⁰⁾	\$1,174	\$1,227	\$1,250 - \$1,290

2021 Priorities

- Ongoing cost reduction and continuous improvement initiatives
- Oxide exploration targeting higher grade and conversion at Mackay, Valn New Millennium, Trenton Canyon and Buffalo Valley
- Exploration and development planning at Trenton Canyon and Buffalo Valley

Seabee: High-Grade Underground in Canada



Location: Saskatchewan, CanadaStage: ProductionOwnership: 100%Mining: UndergroundProcessing: Gravity concentration,
cvanide leachingLand: ~60,000 ha
(including joint venture)

Q2 2021 Highlights

- Record quarterly gold production of 37 koz at \$570/oz AISC
- Mill feed grade of 13.19 g/t due to a high-grade area at bottom of Santoy Lower 9 zone
- Quarterly mill throughput averaged ~1,000 tpd
- Capital expenditures in the second quarter of 2021 related mainly to underground mine development to support planned increases in development rates
- Continued to develop underground infrastructure at GHW
- Further improvement in site safety performance

2021 Priorities		Q2 2021 Actual	H1 2021 Actual	2021 Guidance ⁽¹⁾
 Increase mining rates to exploit latent mill capacity 				
 Gap HW Mineral Resource conversion 	Gold Production	37	61	95 – 105
 Advance Santoy Hanging Wall near mine exploration target 	(koz)			
 Accelerate Seabee and Fisher exploration and resource development 	Mine-site AISC	\$570	\$795	\$860 - \$910
 TMF expansion 	(\$/oz) (10)			

Seabee Mill

Puna: Large Silver Producer



Location: Argentina Mining: Open pit Stage: Production Processing: Flotation **Ownership:** 100% **Land:** ~10,000 ha

Q2 2021 Highlights

- Silver production of 2.0 Moz Ag at AISC of \$13.58/ oz
- No reportable safety incidents in the quarter
- Quarterly mill throughput averaged 4,755 tpd, demonstrating continued improvements in plant performance
- Successfully managed COVID-19 risks and avoided any operational shutdowns during the quarter
- Faster than expected transition to owner/operator fleet drove lower costs and improved equipment availability

Chinchillas Mine



2021 Priorities		Q2 2021 Actual	H1 2021 Actual	2021 Guidance ⁽¹⁾
Continue steady state production with focus on increasing productivity Maintain mill throughput rates above of 4,000 tonnes per day, stepping up to 4,500 tonnes per day	Silver Production (Moz)	2.0	3.8	6.0 - 7.0
Focus on cost reduction Continue to manage COVID-19 risks	Mine-site AISC (\$/oz) ⁽¹⁰⁾	\$13.58	\$13.78	\$16.00 - \$17.50



Near Mine Targets To Sustain And Grow From 700 – 800koz AuEq For At Least 10+ Years



Growth Targets Provide Step Change Upside





Appendix

Executive Team and Board of Directors Depth of experience and track record of delivery









Stewart Beckman EVP, Chief **Operating Officer**



Edward Farid EVP, Chief Corporate **Development Officer**



Michael Sparks EVP, Chief Legal & Administrative Officer



Alison White EVP, Chief **Financial Officer**



Alan Krusi

Director

Michael Anglin Chairman



Thomas Bates Director



Brian Booth Director



Beverlee Park Director



Edward Dowling Director

Kay Priestly

Director



Simon Fish Director



Elizabeth Wademan Director



Çöpler District Growth Pipeline \$33M budget focused on conversion, additions and discovery





Marigold Growth Pipeline +70,000 meters of drilling planned in 2021







Marigold: Barriers Removed, New Millennium Concept Provides resource upside with higher grade potential





Seabee Growth Pipeline

Testing +30km of shear zone strike length





Endnotes



- 1. Please see our news release dated January 19, 2021. Gold equivalent production and AISC are based on a 76:1 gold to silver ratio. AISC is a non-GAAP financial measure. See "Cautionary Note Regarding Non-GAAP Measures" in this presentation.
- 2. Mineral Reserves and Mineral Resources for Çöpler, Marigold, Seabee, Puna, San Luis, Pitarrilla, and Amisk as at December 31, 2020. Mineral Reserves and Mineral Resources are shown on a 100% basis. Mineral Resources are stated inclusive of Mineral Reserves. For details see our news release dated March 30, 2021.
- 3. These statements and estimates are extracted from, or based on, the Çöpler District Master Plan 2020 Technical Report, dated November 30, 2020.
- 4. Based on the aggregate of the "street" consolidated consensus estimates for 2021 for SSR Mining sourced from Capital IQ research estimates as at July 31, 2021. Peer group estimates sourced from Capital IQ. Estimates are intended to provide an "order of magnitude" indication for illustrative and comparison purposes only, and are not intended to be, and should not be treated as, a forecast, estimate or guidance made, adopted, confirmed or endorsed by SSR Mining.
- 5. Free cash flow is a non-GAAP financial measure. Free cash flow per gold equivalent ounce is defined as operating cash flow less capex divided by gold equivalent production. Please see "Cautionary Note Regarding Non-GAAP Measures" in this presentation.
- 6. Production is reported on a consolidated basis and is a combination of historical SSR Mining and Alacer Gold production figures. Gold equivalent ounces have been established using realized metals prices from 2013-2020 in the respective years. Realized metal prices is a non GAAP financial measure. Please see "Cautionary Note Regarding Non GAAP Measures" in this presentation
- 7. Source: Capital IQ as at July 31, 2021, reflecting share price performance since January 1, 2016.
- 8. Consolidated cash balance, a non-GAAP financial measure, as at June 30, 2021. SSR Mining's consolidated cash included attributable cash held by joint ventures of \$2.3 million and restricted cash of \$35 million as at June 30, 2021. Consolidated debt is the sum of the short term and long-term portion of finance facility totaling \$175 million, the face value of 2019 convertible notes of \$230 million, and \$2 million in Other Debt, as disclosed in SSR Mining's unaudited condensed consolidated financial statements as at June 30, 2021. See "Cautionary Note Regarding Non-GAAP Measures" in this presentation. The 2019 convertible notes bear interest at 2.50% payable semi-annually and are convertible by holders into the Company's common shares, based on an initial conversion rate of 54.1082 common shares per \$1,000 principal amount. On or after April 1, 2023 the Company may redeem all or part of the notes for cash, but only if the last reported sale price of the Company's common shares exceeds 130% of the conversion price. On or after April 1, 2026, the Company may redeem the 2019 Notes, in whole or in part, for cash equal to 100% of the 2019 Notes to be redeemed, plus accrued and unpaid interest, if any, to, but excluding, the redemption date. Holders may require the Company to purchase all or a portion of their 2019 Notes on each of April 1, 2026, April 1, 2029, and April 1, 2034 for cash at a purchase price equal to 100% of the principal amount of the 2019 Notes to be purchase date.
- 9. Based on the SSR Mining 2020 sustainability report.
- 10. AISC per payable ounce of gold and silver sold are non-GAAP financial measures. See "Cautionary Note Regarding Non-GAAP Measures" in this presentation.
- 11. Market capitalization as of July 31, 2021.
- 12. Based on the aggregate of the "street" consensus estimates; Capital IQ as at July 31, 2021. Consensus estimates are intended to provide an "order of magnitude" indication for illustrative and comparison purposes only, and are not intended to be, and should not be treated as, a forecast, estimate or guidance made, adopted, confirmed or endorsed by SSR Mining. EBITDA is a non-GAAP financial measure. See "Cautionary Note Regarding Non-GAAP Measures" in this presentation.
- 13. Based on the mid-point of 2021 guidance. See our news release dated January 19, 2021.
- 14. Adjusted basic attributable net income and earnings per share are non-GAAP financial measures. See "Cautionary Note Regarding Non-GAAP Measures" in this presentation.
- 15. Gold sales, 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, adjusted basic attributable earnings per share, and consolidated cash are non-GAAP financial measures. Please see "Cautionary Note Regarding Non-GAAP Measures" in this presentation.

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