



MANAGEMENT'S DISCUSSION & ANALYSIS

FOR THE THREE AND SIX MONTHS ENDED JUNE 30, 2023

# METALLA ROYALTY & STREAMING LTD.

## MANAGEMENT'S DISCUSSION AND ANALYSIS

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(Expressed in thousands of United States dollars, unless otherwise indicated, except for shares, per ounce, and per share amounts)

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### GENERAL

This management's discussion and analysis ("**MD&A**") for Metalla Royalty & Streaming Ltd. (the "**Company**" or "**Metalla**") is intended to help the reader understand the significant factors that have affected Metalla and its subsidiaries performance and such factors that may affect its future performance. This MD&A, which has been prepared as of August 10, 2023, should be read in conjunction with the Company's condensed interim consolidated financial statements for the three and six months ended June 30, 2023, and the related notes contained therein. The Company reports its financial position, financial performance, and cash flows in accordance with International Financial Reporting Standards ("**IFRS**") as issued by the International Accounting Standards Board ("**IASB**").

Additional information relevant to the Company is available for viewing on SEDAR at [www.sedar.com](http://www.sedar.com) and on the EDGAR section of the SEC website at [www.sec.gov](http://www.sec.gov).

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#### COMPANY OVERVIEW

Metalla is a precious metals royalty and streaming company that is focused on acquiring gold and silver metal purchase agreements, Net Smelter Return ("NSR") royalties, Gross Value Return ("GVR") royalties, Net Profit Interests ("NPI"), Gross Proceeds ("GP") royalties, Gross Overriding Return ("GOR") royalties, Price Participation ("PP") royalties, and non-operating interests in mining projects that provide the right to the holder of a percentage of the gross revenue from metals produced from the project or a percentage of the gross revenue from metals produced from the project after deducting specified costs, if any, respectively. The Company's common shares ("Common Shares") are listed on the TSX Venture Exchange ("TSX-V") under the symbol "MTA" and on the NYSE American ("NYSE") under the symbol "MTA". The head office and principal address is 501 - 543 Granville Street, Vancouver, British Columbia, Canada.

#### COMPANY HIGHLIGHTS

During the six months ended June 30, 2023, and subsequent period the Company:

- Acquired 1 stream and 5 royalties to bring the total held as at the date of this MD&A to 82 precious metals assets, through the following transactions:
  - i. Acquired an existing 2.5%-3.75% sliding scale GP royalty over gold, together with a 0.25%-3.0% NSR royalty on all non-gold and silver metals on the majority of Barrick Gold Corporation's ("Barrick") world-class Lama project in Argentina, from an arm's length seller for aggregate consideration of \$7.5 million. The transaction closed on March 9, 2023, at which time the Company paid the \$2.5 million in cash, and issued 466,827 Common Shares to the seller (valued at \$5.3553 per share). The remaining \$2.5 million (the "**Lama Payable**"), to be paid in cash or Common Shares, is payable within 90 days upon the earlier of a 2 Moz gold Mineral Reserve estimate on the royalty area or 36 months after the closing date;
  - ii. Acquired one silver stream and three royalties from Alamos Gold Corp. ("**Alamos**") for \$5.0 million in Common Shares valued at \$5.3228 per share, representing the 20-day Volume-Weighted Average Price ("**VWAP**") of shares of Metalla traded on the NYSE prior to the announcement of the transaction. The transaction closed on February 23, 2023, at which time the Company issued 939,355 Common Shares to Alamos. The stream and royalties acquired in this transaction include:
    - a 20% silver stream over the Esperanza project located in Morales, Mexico owned by Zacatecas Silver Corp.;
    - a 1.4% NSR royalty on the Fenn Gibb South project located in Timmins, Ontario owned by Mayfair Gold Corp.;
    - a 2.0% NSR royalty on the Ronda project located in Shining Tree, Ontario owned by Platinex Inc.; and
    - a 2.0% NSR royalty on the Northshore West property located in Thunder Bay, Ontario owned by New Path Resources Inc.
- Sold the JR mineral claims that make up the Pine Valley property, which is part of the Cortez complex in Nevada, to Nevada Gold Mines LLC ("**NGM**"), an entity formed by Barrick and Newmont Corporation ("**Newmont**"), for \$5.0 million in cash. The Company will retain a 3.0% NSR royalty on the property. Sold the Conmee mineral claims that make up the Tower Mountain property to Thunder Gold Corp. ("**Thunder Gold**") for 4,000,000 common shares of Thunder Gold, valued at \$0.1 million upon closing. The Company will retain a 2.0% NSR royalty on the property;
- Announced a special dividend payment on the Common Shares, in the amount of C\$0.03 per share, with a declaration date of July 10, 2023, a record date of August 1, 2023, and a payment date of September 15, 2023;

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- For the three months ended June 30, 2023, received or accrued payments on 856 (three months ended June 30, 2022 – 560) attributable Gold Equivalent Ounces (“GEOs”) at an average realized price of \$1,945 (three months ended June 30, 2022 - \$1,844) and an average cash cost of \$8 (three months ended June 30, 2022 - \$9) per attributable GEO (see *Non-IFRS Financial Measures*). For the six months ended June 30, 2023, received or accrued payments on 1,783 (six months ended June 30, 2022 – 1,284) attributable Gold Equivalent Ounces (“GEOs”) at an average realized price of \$1,888 (six months ended June 30, 2022 - \$1,839) and an average cash cost of \$7 (six months ended June 30, 2022 - \$7) per attributable GEO (see *Non-IFRS Financial Measures*);
- For the three months ended June 30, 2023, recognized revenue from royalty and stream interests, including fixed royalty payments, of \$1.0 million (three months ended June 30, 2022 – \$0.5 million), net loss of \$0.5 million (three months ended June 30, 2022 - \$1.4 million), and Adjusted EBITDA of negative \$0.2 million (three months ended June 30, 2022 – negative \$0.2 million) (see *Non-IFRS Financial Measures*). For the six months ended June 30, 2023, recognized revenue from royalty and stream interests, including fixed royalty payments, of \$1.9 million (six months ended June 30, 2022 – \$1.1 million), net loss of \$1.8 million (six months ended June 30, 2022 - \$3.6 million), and Adjusted EBITDA of \$0.4 million (six months ended June 30, 2022 – negative \$0.2 million) (see *Non-IFRS Financial Measures*);
- For the three months ended June 30, 2023, generated operating cash margin of \$1,937 (three months ended June 30, 2022 - \$1,835) per attributable GEO, and for the six months ended June 30, 2023, generated operating cash margin of \$1,881 (six months ended June 30, 2022 - \$1,832) per attributable GEO from the Wharf, El Realito, La Encantada, the New Luika Gold Mine (“NLGM”) stream held by Silverback Ltd. (“Silverback”), the Higginsville derivative royalty asset, and other royalty interests (see *Non-IFRS Financial Measures*);
- For the three months ended June 30, 2023, recognized payments due or received (not included in revenue) from the Higginsville derivative royalty asset of \$0.7 million (three months ended June 30, 2022 - \$0.6 million), and for the six months ended June 30, 2023, recognized payments due or received (not included in revenue) from the Higginsville derivative royalty asset of \$1.4 million (six months ended June 30, 2022 - \$1.2 million) (see *Non-IFRS Financial Measures*);
- On May 27, 2022, the Company announced that it had entered into an equity distribution agreement with a syndicate of agents to establish an At-The-Market equity program under which the Company may distribute up to \$50.0 million (or the equivalent in Canadian Dollars) in Common Shares. From inception to the date of the MD&A, the Company distributed 1,328,079 Common Shares under the 2022 ATM Program (as defined below) at an average price of \$5.01 per share for gross proceeds of \$6.6 million, of which 279,430 Common Shares were sold during the three months ended June 30, 2023, at an average price of \$4.34 per share for gross proceeds of \$1.2 million;
- On May 19, 2023, the Company closed a second supplemental loan agreement (“Supplemental Loan Agreement”) with Beedie Capital (“Beedie”), to amend the Amended Loan Facility (as defined below) by:
  - i. extending the maturity date to May 9, 2027;
  - ii. increasing the loan facility by C\$5.0 million from C\$20.0 million to C\$25.0 million, of which C\$21.0 million will be undrawn after giving effect to the C\$4.0 million conversion described below;
  - iii. increasing the interest rate from 8.0% to 10.0% per annum;
  - iv. amending the conversion price of the Fourth Drawdown (as defined below) from C\$11.16 per share to C\$8.67 per share, being a 30% premium to the 30-day VWAP of the Company shares measured at market close on the day prior to announcement of the amendment;
  - v. amending the conversion price of C\$4.0 million of the Third Drawdown (as defined below) from C\$14.30 per share to C\$7.33 per share, being the 5-day VWAP of the Company shares measured at market close on the day prior to announcement of the amendment, and converting the C\$4.0 million into shares at the new conversion price. Upon closing the Company issued Beedie 545,702 Common Shares for the conversion of the C\$4.0 million;

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- vi. amending the conversion price of the remaining C\$1.0 million of the Third Drawdown from C\$14.30 per share to C\$8.67 per share, being to the 30-day VWAP of the Company shares measured at market close on the day prior to announcement of the amendment; and
  - vii. All other terms of the loan facility remain unchanged.
- On March 30, 2023, the Company signed an amendment with the arm's length seller of the Castle Mountain royalty to extend the maturity date of the \$5.0 million Castle Mountain Loan (*as defined below*) from June 1, 2023, to April 1, 2024. As part of the amendment, on March 31, 2023, the Company paid all accrued interest on the loan, and effective April 1, 2023, the interest rate increased to 12.0% per annum, and the principal and accrued interest will be repaid no later than April 1, 2024. On July 7, 2023, the Company paid all accrued interest on the loan at the time and made a principal repayment of \$4.3 million.

## PORTFOLIO OF ROYALTIES AND STREAMS

As at the date of this MD&A, the Company owned 82 royalties, streams, and other interests. Five of the royalties and streams are in the production stage, thirty-three of the royalties are in the development stage, and the remainder are in the exploration stage.

Notes:

<sup>(1)</sup> Au: gold; Ag: silver; Cu: copper; Zn: zinc; and Pb: lead.

<sup>(2)</sup> Kt: kilotonnes; Mt: million tonnes; g/t: grams per tonne; oz: ounces; Koz: kilo ounces; Moz: million ounces; Ktpa: kilotonnes per annum; Mtpa: million tonnes per annum; and tpd: tonnes per day.

<sup>(3)</sup> See the Company's website at <https://www.metallaroyalty.com/> for the complete list and further details.

## Producing Assets

As at the date of this MD&A, the Company owned an interest in the following properties that are in the production stage:

Property	Operator	Location	Metal	Terms
Wharf	Coeur Mining	South Dakota, USA	Au	1.0% GVR
Higginsville <sup>(1)</sup>	Karora Resources	Higginsville, Australia	Au	27.5% PPR
New Luika	Shanta Gold	Tanzania	Au, Ag	15% Ag Stream
El Realito	Agnico Eagle Mines	Sonora, Mexico	Au, Ag	2.0% NSR <sup>(2)</sup>
La Encantada	First Majestic Silver	Coahuila, Mexico	Au	100% GVR <sup>(3)</sup>

<sup>(1)</sup> The Higginsville PP royalty is designated as a derivative royalty asset on the Company's statement of financial position.

<sup>(2)</sup> Subject to partial buy-back and/or exemption.

<sup>(3)</sup> 100% gross value royalty on gold produced at the La Encantada mine limited to 1.0 Koz annually.

Below are updates during the three months ended June 30, 2023, and subsequent period to certain production stage assets, based on information publicly filed by the applicable project owner:

### La Encantada

On July 20, 2023, First Majestic Silver Corp. ("**First Majestic**") announced production of 76 ounces of gold and 0.8 Moz of silver from La Encantada in the second quarter of 2023 and provided 2023 guidance in the range of 3.1 - 3.3 Moz silver. First Majestic also completed 1,950 meters of drilling on the property with the use of two underground rigs during the quarter.

Metalla received 233 GEOs from La Encantada for the second quarter of 2023.

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Metalla holds a 100% GVR royalty on gold produced at the La Encantada mine limited to 1.0 Koz annually.

#### El Realito

On July 26, 2023, Agnico Eagle Mines Ltd. ("**Agnico**") reported that gold production from La India totaled 17,833 oz gold for the second quarter of 2023. Mine production levels for the second quarter were good with grades higher than target. An investigation is ongoing for additional sulphide mineralization with a plan to drill 4,000 meters at the Chipirona target which is northwest and adjacent to El Realito royalty boundary.

Metalla holds a 2.0% NSR royalty on the El Realito deposit which is subject to a 1.0% buyback right for \$4.0 million.

#### Wharf Royalty

On May 10, 2023, Coeur Mining Inc. ("**Coeur**") reported first quarter production of 15.5 Koz gold and reiterated the full year guidance for Wharf. On February 16, 2022, Coeur has guided 2023 production to be in the range of 85 – 95 Koz. Successful exploration and infill drilling during the year allowed for a 7% increase, net of depletion, at Wharf where Proven & Probable Reserves totaled 908 Koz gold at 0.027 oz/t (0.84 g/t). Additionally, a total of 293 Koz gold at 0.02 oz/t (0.62 g/t) of Measured & Indicated Resources, and Inferred Resources stand at 63 Koz gold at 0.02 oz/t (0.62 g/t), were declared at Wharf. Exploration efforts in 2023 will focus on geological modelling and planning for 2024.

Metalla holds a 1.0% GVR royalty on the Wharf mine.

#### New Luika Silver Stream

On July 20, 2023, Shanta Gold Limited ("**Shanta**") reported that it produced 19.3 Koz of gold at its NLGM in Tanzania in the second quarter of 2023. Shanta also reiterated their guidance of 66 – 72 Koz of gold from NLGM in 2023.

Metalla holds a 15% interest in Silverback, whose sole business is receipt and distribution of a 100% silver stream on NLGM at an ongoing cost of 10% of the spot silver price.

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**Development Stage Assets**

As at the date of this MD&amp;A, the Company owned an interest in the following properties that are in the development stage:

<b>Property</b>	<b>Operator</b>	<b>Location</b>	<b>Metal</b>	<b>Terms</b>
Akasaba West	Agnico Eagle Mines	Val d'Or, Quebec	Au, Cu	2.0% NSR <sup>(1)</sup>
Amalgamated Kirkland	Agnico Eagle Mines	Kirkland Lake, Ontario	Au	0.45% NSR
Aureus East	Aurelius Minerals	Halifax, Nova Scotia	Au	1.0% NSR
Beaufor	Monarch Mining	Rouyn-Noranda, Quebec	Au	1.0% NSR
Big Springs	Warriedar Resources	Nevada, USA	Au	2.0% NSR <sup>(2)</sup>
Castle Mountain	Equinox Gold	California, USA	Au	5.0% NSR
CentroGold	Oz Minerals	Maranhao, Brazil	Au	1.0%-2.0% NSR <sup>(4)</sup>
COSE <sup>(8)</sup>	Pan American Silver	Santa Cruz, Argentina	Au, Ag	1.5% NSR
Côté and Gosselin	IAMGOLD/Sumitomo	Gogama, Ontario	Au	1.35% NSR
Del Toro	First Majestic Silver	Zacatecas, Mexico	Ag, Au	2.0% NSR
Endeavor <sup>(8)</sup>	Polymetals Resources	NSW, Australia	Zn, Pb, Ag	4.0% NSR
Esperanza	Zacatecas Silver	Morelos, Mexico	Ag	20% Ag Stream <sup>(3)</sup>
Fifteen Mile Stream ("FMS")	St. Barbara	Halifax, Nova Scotia	Au	1.0% NSR
FMS (Plenty Deposit)	St. Barbara	Halifax, Nova Scotia	Au	3.0% NSR <sup>(1)</sup>
Fosterville	Agnico Eagle Mines	Victoria, Australia	Au	2.5% GVR
Garrison	Moneta Gold	Kirkland Lake, Ontario	Au	2.0% NSR
Hoyle Pond Extension	Newmont Corporation	Timmins, Ontario	Au	2.0% NSR <sup>(1)</sup>
Joaquin <sup>(8)</sup>	Pan American Silver	Santa Cruz, Argentina	Au, Ag	2.0% NSR
La Fortuna	Minera Alamos	Durango, Mexico	Au, Ag, Cu	3.5% NSR <sup>(5)</sup>
La Guitarra	Sierra Madre Gold	Mexico State, Mexico	Ag	2.0% NSR <sup>(1)</sup>
La Parrilla	First Majestic Silver	Durango, Mexico	Au, Ag	2.0% NSR
Lama	Barrick Gold Corp	San Juan, Argentina	Au	2.5% GPR <sup>(6)</sup>
Lama	Barrick Gold Corp	San Juan, Argentina	Cu	0.25% NSR <sup>(7)</sup>
Lac Pelletier	Maritime Resources	Noranda, Quebec	Au	1.0% NSR
North AK	Agnico Eagle Mines	Kirkland Lake, Ontario	Au	0.45% NSR
NuevaUnión	Newmont and Teck	Atacama, Chile	Au	2.0% NSR
San Luis	SSR Mining	Peru	Au, Ag	1.0% NSR
San Martin	First Majestic Silver	Jalisco, Mexico	Ag, Au	2.0% NSR
Santa Gertrudis	Agnico Eagle Mines	Sonora, Mexico	Au	2.0% NSR <sup>(1)</sup>
Tocantinzinho	G Mining Ventures	Para, Brazil	Au	0.75% GVR
Wasamac	Agnico Eagle Mines	Rouyn-Noranda, Quebec	Au	1.5% NSR <sup>(1)</sup>
West Timmins Extension	Pan American Silver	Timmins, Ontario	Au	1.5% NSR <sup>(1)</sup>
Zaruma	Pelorus Minerals	Ecuador	Au	1.5% NSR

*(1) Subject to partial buy-back and/or exemption.**(2) Subject to fixed royalty payments.**(3) Subject to cap on payments.**(4) 1.0% NSR royalty on the first 500 Koz, 2.0% NSR royalty on next 1Moz, and 1.0% NSR royalty thereafter.**(5) 2.5% NSR royalty capped at \$4.5 million, 1.0% NSR royalty uncapped.**(6) 2.5% GP royalty on first 5Moz gold, 3.75 GVR royalty thereafter.**(7) 0.25% NSR royalty on all metals except gold and silver, escalates to 3.0% based on cumulative net smelter returns from the royalty area.**(8) The mine was previously classified as production, however it was placed on care and maintenance, as such the Company has reclassified it to development stage properties.*

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Below are updates during the three months ended June 30, 2023, and subsequent period to certain development stage assets, based on information publicly filed by the applicable project owner:

#### Wasamac

On July 26, 2023, Agnico reported that during the quarter, it advanced internal studies to assess potential production opportunities at Wasamac along with alternative processing scenarios at either LaRonde or Canadian Malartic mill. Agnico also stated that it was updating studies that were previously completed at Wasamac and believes it has the potential to be a low-cost mine with annual production of 150 – 200 Koz of gold with moderate capital outlays and initial production commencing in 2029. The results of the Wasamac internal evaluation will be reported through the first half of 2024.

Metalla holds a 1.5% NSR royalty on the Wasamac project subject to a buy back of 0.5% for C\$7.5 million.

#### Garrison

On April 11, 2023, Moneta Gold Inc. ("**Moneta**") announced the results of assays from historical drill core at Garrison. The sampling confirmed the continuity and extension of gold mineralized zones not currently included in the latest Mineral Resource estimate. Significant results include 1.87 g/t over 18 meters and 1.58 g/t gold over 18.5 meters at Garrcon and 13.5 g/t gold over 3.2 meters and 4.79 g/t gold over 3.75 meters at Jonpol.

Metalla holds a 2.0% NSR royalty on the Garrison project.

#### Amalgamated Kirkland Property

On July 26, 2023, Agnico reported infill drill results from the Amalgamated Kirkland deposit featuring highlights of 11.1 g/t gold over 5.1 meters and 10.4 g/t gold over 2.5 meters. Agnico is evaluating the opportunity to process near surface and AK ore at the LaRonde complex. Average annual production from the near surface deposit and AK deposit could be between 20 Koz and 40 Koz of gold, commencing in 2024. The results of an internal evaluation on the AK deposit will be reported in the first half of 2024.

Metalla holds a 0.45% NSR royalty on the Amalgamated Kirkland property.

#### Endeavor

On July 21, 2023, Polymetals Resources Inc ("**Polymetals**") released an amended quarterly report reporting that significant progress has been made in preparing for a decision to restart operations at Endeavor, underpinned by a mine restart study scheduled for release during the December 2023 quarter, with targeted commencement of operations by mid-2024. In May 2023, Polymetals released an updated resource estimate for the Upper Main lodes at Endeavor where total Measured, Indicated and Inferred resources stand at 8.89 Moz silver at 528 g/t AgEq.

On March 28, 2023, Polymetals announced the execution of a share sale and purchase agreement in relation to the proposed acquisition of all of the issued share capital of Orana Minerals Pty Ltd., which is the sole shareholder of Cobar Metals Pty Ltd. ("**Cobar Metals**"). Cobar Metals has in turn entered into an agreement to purchase the Endeavor lead, zinc and silver mine in Australia via the acquisition of three project companies, including Cobar Operations Pty Ltd. ("**Cobar Operations**"). On May 12, 2023, Polymetals announced the completion of Polymetals acquisition of Orana Minerals Pty Ltd. was approved by Polymetals shareholders. As part of Polymetals proposed acquisition of the Endeavor mine, the Company entered into an agreement with the holder of the Endeavor mining tenements, Cobar Operations, by which the Company converted its 100% silver stream in the Endeavor mine to a 4.0% NSR royalty on all lead, zinc and silver produced from those tenements.

Metalla holds a 4.0% NSR royalty on all lead, zinc and silver produced from Endeavor.

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#### Côte-Gosselin

On May 11, 2023, IAMGOLD Corporation ("IAMGOLD") reported that it had completed 79.8% of the construction at the Côte Gold Project. Drill results reported in a news release on February 2, 2023, for the 2022 drill program continue to highlight the resource expansion potential of the Gosselin deposit both to the south of the recently declared 5 Moz Resource estimate, and at depth. Significant intercepts included 1.99 g/t gold over 342.2 meters, 1.29 g/t gold over 313 meters, 1.5 g/t gold over 181 meters and 0.66 g/t gold over 388.5 meters. Additional technical studies are planned to complete metallurgical test work and mining and infrastructure studies to review alternatives to optimize the inclusion of Gosselin into future Côte life-of-mine plans. Approximately 15.5 Km of drilling is planned in 2023 to further delineate and expand the Gosselin mineral resources.

Metalla holds a 1.35% NSR royalty that covers less than 10% of the Côte Reserves and Resources estimate and covers all of the 5 Moz gold Gosselin Resource estimate.

#### Fifteen Mile Stream

On July 27, 2023, St. Barbara Limited ("St Barbara") reported a revised permitting timeline for Fifteen Mile Stream which targets development in fiscal 2026. In addition, St. Barbara has prioritized development of Fifteen Mile Stream with assessment of the relocation of the Touquoy processing plant now confirmed to be an attractive development option.

Metalla holds a 1.0% NSR royalty on the Fifteen Mile Stream project, and 3.0% NSR royalty on the Plenty and Seloam Brook deposits.

#### Fosterville

On July 26, 2023, Agnico reported that gold production from Fosterville for the second quarter of 2023 totalled 81.8 Koz gold. Drilling during the second quarter of 2023 totalled 20.6 Km and mainly targeted the Lower Phoenix deep extension drilling. During 2023, Agnico plans to spend \$20.8 million for 105,300 meters of drilling, and development of exploration drifts to replace Mineral Reserve depletion and to add Mineral Resources in the Lower Phoenix, Cygnet and Robbins Hills areas. Agnico will spend another \$4.4 million for 11,300 meters of underground and surface exploration with the aim of discovering additional high-grade mineralization at Fosterville.

Metalla holds a 2.5% GVR royalty on the northern and southern extensions of the Fosterville mining license and other areas in the land package.

#### Tocantinzinho

On June 13, 2023, G Mining Ventures ("G Mining") reported that the Tocantinzinho project is 30% complete and remains on track and on budget for commercial production in H2-2024.

Metalla holds a 0.75% GVR Royalty on Tocantinzinho.

#### Lama

On August 8, 2023, Barrick reported that a geological review of results received from drilling in the first quarter of 2023 was ongoing to generate new drill targets. Total exploration, evaluation and project expenses for the whole Pascua-Lama project totalled \$7 million for the second quarter of 2023.

Metalla holds a 2.5%-3.75% GP royalty on gold and a 0.25%-3.0% NSR royalty on all other metals (other than gold and silver) at Lama.

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#### Castle Mountain

On August 2, 2023, Equinox Gold Corp. ("**Equinox**") reported a surface exploration program of geological mapping and channel sampling was ongoing with the primary goal to sample previously identified mineralization exposed on surface such that data can be used in future Mineral Resource estimation. The mine permitting amendment plan was submitted to the lead county and BLM agencies which reviewed the plan for completeness in early 2023. Work on the preliminary draft Environmental Impact Statement will begin in 2024. A total of \$1.7 million was spent on Phase 2 permitting and optimization for the quarter.

Metalla holds a 5.0% NSR royalty on the South Domes area of the Castle Mountain mine.

#### Akasaba West

On July 26, 2023, Agnico announced that the Akasaba West project remained on schedule through the second quarter with achievement of commercial production expected to occur in the first quarter of 2024.

Metalla holds a 2.0% NSR royalty on the Akasaba West project subject to a 210 Koz gold exemption.

#### Del Carmen

The Company owned a 0.5% NSR royalty on the Del Carmen project that was owned and operated by Barrick. In July 2023, the Company was notified that Barrick has terminated its agreement to explore and exploit the Del Carmen property and as a result of the termination the 0.5% NSR royalty owned by Metalla had also been terminated. The Company considered the termination of the royalty as an indicator of impairment on its Del Carmen royalty and conducted an impairment analysis to estimate the recoverable amount. As a result of the analysis, the Company fully impaired the royalty to \$Nil as at June 30, 2023, and recorded an impairment charge of \$1.3 million.

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**Exploration Stage Assets**

As at the date of this MD&amp;A, the Company owned a large portfolio of royalties on exploration stage assets including:

<b>Property</b>	<b>Operator</b>	<b>Location</b>	<b>Metal</b>	<b>Terms</b>
Anglo/Zeke	Nevada Gold Mines	Nevada, USA	Au	0.5% GOR
Beaudoin	Explor Resources	Timmins, Ontario	Au, Ag	0.4% NSR
Big Island	Voyageur Mineral Explorers	Flin Flon, Manitoba	Au	2.0% NSR
Bint Property	Glencore	Timmins, Ontario	Au	2.0% NSR
Biricu	Minaurum Gold	Guerrero, Mexico	Au, Ag	2.0% NSR
Boulevard	Independence Gold	Dawson Range, Yukon	Au	1.0% NSR
Caldera	Not Applicable	Nevada, USA	Au	1.0% NSR
Camflo Mine	Agnico Eagle Mines	Val d'Or, Quebec	Au	1.0% NSR
Capricho	Solaris Resources	Peru	Au, Ag	1.0% NSR
Colbert/Anglo	Newmont	Timmins, Ontario	Au	2.0% NSR
Carlin East	Ridgeline Minerals	Nevada, USA	Au	0.5% NSR <sup>(3)</sup>
DeSantis Mine	Canadian Gold Miner	Timmins, Ontario	Au	1.5% NSR
Detour DNA	Agnico Eagle Mines	Cochrane, Ontario	Au	2.0% NSR
Edwards Mine	Alamos Gold	Wawa, Ontario	Au	1.25% NSR
Fenn Gib South	Mayfair Gold	Timmins, Ontario	Au	1.4% NSR
Fortuity 89	Not Applicable	Nevada, USA	Au	2.0% NSR
Golden Brew	Highway 50 Gold	Nevada, USA	Au	0.5% NSR
Golden Dome	Warriedar Resources	Nevada, USA	Au	2.0% NSR <sup>(3)</sup>
Goodfish Kirana	Kirkland Gold Discoveries	Kirkland Lake, Ontario	Au	1.0% NSR
Green Springs	Contact Gold	Nevada, USA	Au	2.0% NSR
Hot Pot/Kelly Creek	Nevada Exp./Austin Gold	Nevada, USA	Au	1.5% NSR <sup>(2)(3)</sup>
Island Mountain	Tuvera Exploration	Nevada, USA	Au	2.0% NSR <sup>(3)</sup>
Jersey Valley	Not Applicable	Nevada, USA	Au	2.0% NSR
Kings Canyon	Pine Cliff Energy	Utah, USA	Au	2.0% NSR
Kirkland-Hudson	Agnico Eagle Mines	Kirkland Lake, Ontario	Au	2.0% NSR
La Joya	Silver Dollar	Durango, Mexico	Ag, Cu, Au	2.0% NSR
La Luz	First Majestic	San Luis Potosi, Mexico	Ag	2.0% NSR
Los Patos	Private	Venezuela	Au	1.5% NSR
Los Tambos	IAMGOLD/Pucara Res.	Peru	Au	1.0% NSR
Mirado Mine	Orefinders	Kirkland Lake, Ontario	Au	1.0% NSR <sup>(1)</sup>
Montclerg	GFG Resources	Timmins, Ontario	Au	1.0% NSR
Northshore West	Newpath Resources Inc	Thunderbay, Ontario	Au	2.0% NSR
Orion	Minera Frisco	Nayarit, Mexico	Au, Ag	2.75% NSR <sup>(4)</sup>
Pelangio Poirier	Pelangio Exploration	Timmins, Ontario	Au	1.0% NSR
Pine Valley	Nevada Gold Mines	Nevada, USA	Au	3.0% NSR
Plomosas	GR Silver	Sinaloa, Mexico	Ag	2.0% NSR <sup>(2)</sup>
Pucarana	Buenaventura	Peru	Au	1.8% NSR <sup>(1)</sup>
Puchildiza	Not Applicable	Chile	Au	1.5% NSR
Red Hill	NuLegacy Gold Corp.	Nevada, USA	Au	1.5% GOR
Ronda	Platinex	Shining Tree, Ontario	Au	2.0% NSR <sup>(2)</sup>
Sirola Grenfell	Record Gold Corp.	Kirkland Lake, Ontario	Au	0.25% NSR
Solomon's Pillar	Private	Greenstone, Ontario	Au	1.0% NSR
Tower Mountain	Thunder Gold Corp.	Thunder Bay, Ontario	Au	2.0% NSR
TVZ Zone	Newmont	Timmins, Ontario	Au	2.0% NSR

*(1) Option to acquire the underlying and/or additional royalty.**(2) Subject to partial buy-back and/or exemption.**(3) Subject to fixed royalty payments.**(4) Subject to closing conditions.*

## METALLA ROYALTY & STREAMING LTD.

### MANAGEMENT'S DISCUSSION AND ANALYSIS

#### FOR THE THREE AND SIX MONTHS ENDED JUNE 30, 2023

(Expressed in thousands of United States dollars, unless otherwise indicated, except for shares, per ounce, and per share amounts)

Below are updates during the three months ended June 30, 2023, and subsequent period to certain exploration assets, based on information publicly filed by the applicable project owner:

#### Camflo

On June 20, 2023, Agnico reported that it completed more than 14,000 meters of drilling on Camflo, which marks the first exploration drill program since the 1.6 Moz past-producing deposit was closed in 1992. Significant results reported over multiple zones include 1.5 g/t gold over 81 meters, 3.3 g/t gold over 38.7 meters, 3.2 g/t gold over 16.2 meters, 3.7 g/t gold over 7.1 meters, and 1.6 g/t gold over 20.3 meters.

The second phase of exploration drilling at Camflo will test for potential lateral extensions of mineralization and infill known zones. Agnico believes the mineralization could be mined via an open-pit and processed at the Canadian Malartic Mill, 4 Km away.

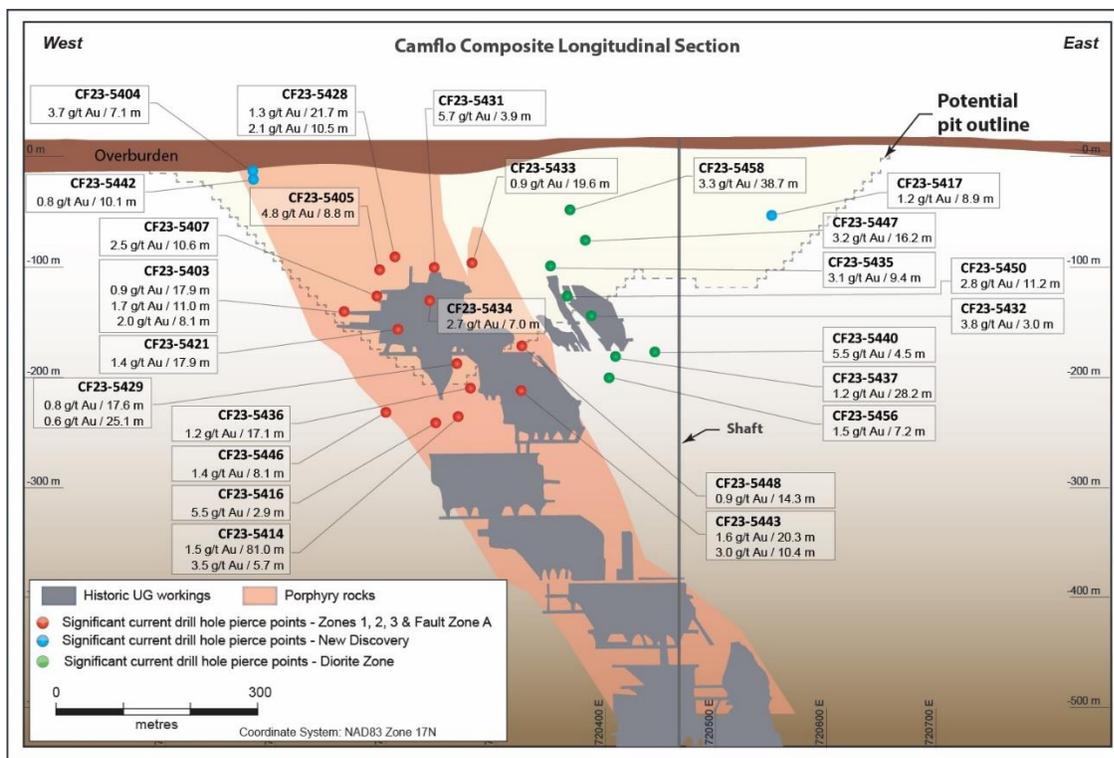


Figure 1: Camflo Composite Longitudinal Section (Source: Agnico Eagle Mines Ltd. Press release issued June 20, 2023)

Metalla holds a 1.0% NSR royalty on the Camflo mine, located ~1km northeast of the Canadian Malartic operation.

#### Plomosas

On March 20, 2023, GR Silver Mining announced an updated Mineral Resource estimate for the Plomosas project. At the Plomosas Mine area, total Indicated Resources are 31 Moz at 200 g/t silver equivalent ("AgEq") and Inferred Resources are 17 Moz at 175 g/t AgEq. The San Juan-La Colorada Area has an Indicated Resource of 1 Moz at 204 g/t AgEq and an Inferred Resource of 16 Moz at 180 g/t AgEq.

Metalla holds a 2.0% NSR royalty on the Plomosas property subject to a buy back of 1.0% for \$1.0 million.

## **METALLA ROYALTY & STREAMING LTD.**

### **MANAGEMENT'S DISCUSSION AND ANALYSIS**

**FOR THE THREE AND SIX MONTHS ENDED JUNE 30, 2023**

(Expressed in thousands of United States dollars, unless otherwise indicated, except for shares, per ounce, and per share amounts)

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#### Tower Mountain

On June 12, 2023, Thunder Gold reported they expanded the footprint at Tower Mountain adding 2,575 hectares. On May 15, 2023, Thunder Gold reported final results from the 4,000 meter phase one drilling program at Tower Mountain with significant results of 0.59 g/t gold over 36.3 meters, 0.53 g/t gold over 24.5 meters and 0.56 g/t gold over 10.5 meters.

On April 25, 2023, Thunder Gold announced they intersected 941 g/t over 1.5 meters with visible gold in the core at the Thunder Gold property. Additional highlights include 0.77 g/t gold over 23 meters and 1.26 g/t gold over 17.5 meters.

Metalla holds a 2% NSR royalty on the Tower Mountain property.

#### Montclerg

On June 27, 2023, GFG Resources Inc. reported high grade intervals at the Montclerg Gold Project located 48 km east of the Timmins Gold District. Significant intercepts include 9.97 g/t gold over 8.1 meters and 4.09 g/t gold over 4.1 meters. Additionally, 1 Km east of the main MC Central Zone, multiple zones of mineralization were intersected with a highlight of 1.93 g/t gold over 10.6 meters.

Metalla holds a 1.0% NSR royalty on the Montclerg property.

#### Detour DNA

On July 26, 2023, Agnico reported a drill hole two kilometers west of the open pit mineral reserves with a highlight of 2.8 g/t gold over 14.4 meters, further demonstrating continuity of mineralization along the Detour horizon past the area identified for underground mining potential.

Metalla holds a 2.0% NSR royalty on the Detour DNA property which is approximately 7 km west of the Detour West reserve pit margin.

#### Green Springs

On July 27, 2023, Contact Gold Corp. announced the first drill results from the 2023 drill program where significant step-out results include 5.06 g/t gold over 10.7 meters within 1.97 g/t gold over 35.05 meters and 1.14 g/t gold over 27.43 meters at the X-Ray Zone.

Metalla holds a 2.0% NSR royalty on the Green Springs project.

## METALLA ROYALTY & STREAMING LTD.

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FOR THE THREE AND SIX MONTHS ENDED JUNE 30, 2023

(Expressed in thousands of United States dollars, unless otherwise indicated, except for shares, per ounce, and per share amounts)

#### Production and Sales from Royalties and Streams

The following table summarizes the attributable GEOs sold by the Company's royalty partners, including any amounts related to derivative royalty assets:

	Three months ended June 30,		Six months ended June 30,	
	2023	2022	2023	2022
Attributable GEOs <sup>(1)</sup> during the period from:				
Higginsville <sup>(2)</sup>	377	332	730	664
Wharf	159	100	511	318
El Realito	233	-	401	-
La Encantada	55	-	81	-
NLGM <sup>(3)</sup>	32	28	60	47
COSE	-	59	-	123
Joaquin	-	41	-	132
Total attributable GEOs <sup>(1)</sup>	856	560	1,783	1,284

(1) For the methodology used to calculate attributable GEOs see Non-IFRS Financial Measures.

(2) The Higginsville PP royalty is accounted for as a derivative royalty asset, as such any payments received under this royalty are treated as a reduction in the carrying value of the asset on the statement of financial position and not shown as revenue on the Company's statement of profit and loss. However, operationally the Company is paid for the ounces sold similar to the Company's other royalty interests, therefore the results have been included here for more accurate comparability and to allow the reader to accurately analyze the operations of the Company. For additional details on the derivative royalty asset see Note 5 of the Company's condensed interim consolidated financial statements for the three and six months ended June 30, 2023.

(3) Adjusted for the Company's proportionate share of NLGM held by Silverback.

#### OUTLOOK

Primary sources of cash flows from royalties and streams for 2023 are expected to be Wharf, Higginsville, El Realito, NLGM, and La Encantada. In 2023, the Company expects 2,500 to 3,500 attributable GEOs<sup>(1)</sup>.

(1) For the methodology used to calculate attributable GEOs see Non-IFRS Financial Measures.

**METALLA ROYALTY & STREAMING LTD.**

## MANAGEMENT'S DISCUSSION AND ANALYSIS

FOR THE THREE AND SIX MONTHS ENDED JUNE 30, 2023

(Expressed in thousands of United States dollars, unless otherwise indicated, except for shares, per ounce, and per share amounts)

**SUMMARY OF QUARTERLY RESULTS**

The following table provides selected financial information for the eight most recently completed financial quarters up to June 30, 2023:

	Three months ended			
	June 30, 2023	March 31, 2023	December 31, 2022	September 30, 2022
Revenue from royalty and stream interests	\$ 959	\$ 981	\$ 628	\$ 656
Net loss	487	1,356	4,788	2,538
Loss per share - basic and diluted	0.01	0.03	0.11	0.06
Weighted average shares outstanding – basic	52,224,188	50,514,392	45,500,634	44,828,356

	Three months ended			
	June 30, 2022	March 31, 2022	December 31, 2021	September 30, 2021
Revenue from royalty and stream interests	\$ 460	\$ 669	\$ 814	\$ 785
Net loss	1,371	2,232	3,131	2,187
Loss per share - basic and diluted	0.03	0.05	0.07	0.05
Weighted average shares outstanding – basic	44,583,515	44,271,600	43,953,837	43,287,763

Changes in revenues, net income (loss), and cash flows on a quarter-by-quarter basis are affected primarily by changes in production levels and the related commodity prices at producing mines, acquisitions of royalties and streams, as well as the commencement or cessation of mining operations at mines the Company has under royalty and stream agreements.

A summary of material changes impacting the Company's quarterly results are discussed below:

- For the three months ended June 30, 2023, revenue remained roughly consistent with the prior period as the primary sources of revenue remained unchanged. Net loss was lower than previous periods due to the gain on sale of mineral claims, offset by an impairment charge on the Del Carmen royalty.
- For the three months ended March 31, 2023, revenue increased with the start of payments from La Encantada, and a ramp up at El Realito. Net loss was lower than the previous periods primarily due to no impairment charges during the period.
- For the three months ended December 31, 2022, revenue remained roughly consistent with the prior period as the primary sources of revenue remained unchanged. Net loss was higher than previous periods due to the impairment charges on the Joaquin and COSE royalties.
- For the three months ended September 30, 2022, revenue remained roughly consistent with the prior period as the COSE royalty ended and the El Realito royalty started making payments. Net loss for the period was higher due to the impairment charge on the Joaquin royalty.
- For the three months ended June 30, 2022, revenue was roughly consistent with prior periods as the primary sources of revenue remained unchanged. Net loss was lower than previous periods due to the reduction in share-based payments expense related to the vesting conditions of the Company's previously issued stock options and restricted share units.
- For the three months ended March 31, 2022, December 31, 2021, and September 30, 2021, revenue and net loss roughly consistent compared to the previous quarter as the primary sources of revenue remained unchanged being the Wharf, COSE and Joaquin royalties.

## METALLA ROYALTY & STREAMING LTD.

### MANAGEMENT'S DISCUSSION AND ANALYSIS

FOR THE THREE AND SIX MONTHS ENDED JUNE 30, 2023

(Expressed in thousands of United States dollars, unless otherwise indicated, except for shares, per ounce, and per share amounts)

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## RESULTS OF OPERATIONS

### Three Months Ended June 30, 2023

The Company's net loss totaled \$0.5 million for the three months ended June 30, 2023 ("Q2 2023"), compared with a net loss of \$1.4 million for the three months ended June 30, 2022 ("Q2 2022").

Significant items impacting the change in net loss included the following:

- an increase in gross profit from \$0.1 million in Q2 2022 to \$0.4 million in Q2 2023, primarily due to higher revenue amounts in Q2 2023;
- an increase in royalty interest impairments from \$Nil in Q2 2022 to \$1.3 million in Q2 2023, related to the impairment of the Del Carmen royalty;
- the Company recorded a one-time charge of \$1.4 million in Q2 2023 related to the modification of its Amended Loan Facility (*as defined below*);
- the Company recorded a one-time gain of \$5.1 million in Q2 2023 related to the sale of mineral claims; and
- an increase in income taxes from a recovery of less than \$0.1 million in Q2 2022 to an expense of \$1.0 million in Q2 2023, primarily related to taxes due from the sale of the mineral claims.

### Six Months Ended June 30, 2023

The Company's net loss totaled \$1.8 million for the six months ended June 30, 2023 ("Q2 2023 YTD"), compared with a net loss of \$3.6 million for the six months ended June 30, 2022 ("Q2 2022 YTD").

Significant items impacting the change in net loss included the following:

- an increase in gross profit from \$0.3 million in Q2 2022 YTD to \$1.0 million in Q2 2023 YTD, primarily due to higher revenue amounts in Q2 2023 YTD;
- an increase in royalty interest impairments from \$Nil in Q2 2022 YTD to \$1.3 million in Q2 2023 YTD, related to the impairment of the Del Carmen royalty;
- the Company recorded a one-time charge of \$1.4 million in Q2 2023 YTD related to the modification of its Amended Loan Facility (*as defined below*);
- the Company recorded a one-time gain of \$5.1 million in Q2 2023 YTD related to the sale of mineral claims; and
- an increase in income taxes from \$0.1 million in Q2 2022 YTD to \$1.2 million in Q2 2023 YTD, this increase was primarily related to taxes due from the sale of the mineral claims.

## LIQUIDITY AND CAPITAL RESOURCES

The Company considers items included in shareholders' equity and long-term debt as capital. The Company's objective when managing capital is to safeguard the Company's ability to continue as a going concern, so that it can continue to add value for shareholders and benefits for other stakeholders.

The Company's cash balance as at June 30, 2023, was \$11.7 million (December 31, 2022 - \$4.6 million) and its working capital was \$8.6 million (December 31, 2022 - \$3.0 million). The Company manages its capital structure and makes adjustments in light of changes in economic conditions and the risk characteristics of the underlying assets.

The Company believes it will have access to sufficient resources to undertake its current business plan for the next twelve months. In order to meet its capital requirements the Company's primary sources of cash flows are expected to be from the Wharf, Higginsville, El Realito, La Encantada, and NLGM royalties and streams, drawdowns under the Amended Loan Facility (*as defined below*), the 2022 ATM Program (*as defined below*), and public and/or private placements. The Company may also enter into new debt agreements, or sell assets.

## METALLA ROYALTY & STREAMING LTD.

### MANAGEMENT'S DISCUSSION AND ANALYSIS

FOR THE THREE AND SIX MONTHS ENDED JUNE 30, 2023

(Expressed in thousands of United States dollars, unless otherwise indicated, except for shares, per ounce, and per share amounts)

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During the six months ended June 30, 2023, cash increased by \$7.2 million. The increase was due to cash provided by financing activities of \$4.0 million, cash provided by operating activities of \$1.0 million, and cash provided by investing activities of \$2.3 million. Exchange rate changes had an impact on cash of \$0.1 million.

#### Debt

##### Convertible Loan Facility

In March 2019, the Company entered into a convertible loan facility (the "**Loan Facility**") of C\$12.0 million with Beedie to fund acquisitions of new royalties and streams. The Loan Facility consisted of an initial advance of C\$7.0 million (the "**First Drawdown**") with a conversion price of C\$5.56 per share, with the remaining C\$5.0 million available for subsequent advances, and carried an interest rate of 8.0% on drawn amounts and a standby fee on all undrawn funds of 2.5%. The Loan Facility is secured by certain assets of the Company and can be repaid with no penalty at any time after the 12-month anniversary of each advance.

In August 2020, the Company completed an amendment (the "**First Amendment**") under which the Company drew down the remaining undrawn C\$5.0 million (the "**Second Drawdown**") with a conversion price of C\$9.90 per share, and the Loan Facility was increased by an additional C\$20.0 million. As part of the First Amendment, all future advances will have a minimum amount of C\$2.5 million and each advance will have its own conversion price based on a 20% premium to the 30-day VWAP of the Company's shares on the date of such advance. The standby fee on all undrawn funds was also amended to bear an interest rate of 1.5%.

In August and October 2020, Beedie converted the First Drawdown at a conversion price of C\$5.56 per share for a total of 1,258,992 Common Shares. In March 2021, Beedie converted the Second Drawdown at a conversion price of C\$9.90 per share for a total of 505,050 Common Shares.

In March 2021, the Company drew down C\$5.0 million (the "**Third Drawdown**"), at a conversion price of C\$14.30 per share, from the Loan Facility. In October 2021, the Company drew down C\$3.0 million (the "**Fourth Drawdown**"), at a conversion price of C\$11.16 per share, from the Loan Facility.

In August 2022, the Company and Beedie closed a first supplemental loan agreement to extend the maturity date of the Amended Loan Facility from April 22, 2023, to January 22, 2024 (the "**Second Amendment**"). In consideration for the Second Amendment the Company incurred a fee of C\$0.2 million (the "**Loan Extension Fee**"), which is deemed included in the principal amount outstanding under the Loan Facility and bears interest at a rate of 8% per annum. The Loan Extension Fee is due on the earlier of January 22, 2024, and the acceleration of the principal amount of the Loan Facility. The Loan Extension Fee will be convertible into Common Shares at a conversion price of C\$7.34 per share, calculated based on a 20% premium to the 30-day VWAP of the Company's Common Shares on the close of trading on the trading day immediately prior to the effective date of the Second Amendment. Upon closing of the Second Amendment, the Company recognized a gain of \$0.3 million to reflect the change required in the amortized cost of the liability using the effective interest method over a longer period of time.

On May 19, 2023, the Company closed a second supplemental loan agreement (the "**Third Amendment**") with Beedie, to amend the Loan Facility by:

- i. extending the maturity date to May 9, 2027;
- ii. increasing the loan facility by C\$5.0 million from C\$20.0 million to C\$25.0 million, of which C\$21.0 million will be undrawn after giving effect to the C\$4.0 million conversion described below;
- iii. increasing the interest rate from 8.0% to 10.0% per annum;
- iv. amending the conversion price of the Fourth Drawdown from C\$11.16 per share to C\$8.67 per share, being a 30% premium to the 30-day VWAP of the Company shares measured at market close on the day prior to announcement of the Third Amendment;

## METALLA ROYALTY & STREAMING LTD.

### MANAGEMENT'S DISCUSSION AND ANALYSIS

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- v. amending the conversion price of C\$4.0 million of the Third Drawdown from C\$14.30 per share to C\$7.33 per share, being the 5-day VWAP of the Company shares measured at market close on the day prior to announcement of the Third Amendment, and converting the C\$4.0 million into shares at the new conversion price. Upon closing the Company issued Beedie 545,702 Common Shares for the conversion of the C\$4.0 million;
- vi. amending the conversion price of the remaining C\$1.0 million of the Third Drawdown from C\$14.30 per share to C\$8.67 per share, being to the 30-day VWAP of the Company shares measured at market close on the day prior to announcement of the amendment; and
- vii. All other terms of the loan facility remain unchanged.

As required by IFRS 9, the Third Amendment was considered a substantial modification of the Loan Facility, and for accounting purposes as per IFRS 9, the existing debt instruments were extinguished, and the new debt instruments were recognized at fair value on the amendment date. The difference in value between the amount that was retired for the old debt instrument and the amount recorded for the new debt instrument, taking into account the modification in conversion price to induce conversion of part of the old debt instrument, was recorded as a loss on extinguishment of loan payable of \$1.4 million. Transaction costs of \$0.1 million incurred on the Third Amendment were included in the loss on extinguishment of loan payable.

The amount the Company has to repay under the Loan Facility, the First Amendment, the Second Amendment, and the Third Amendment (together the "**Amended Loan Facility**"), will vary depending on the changes in the exchange rate between the C\$ and the US\$, therefore the conversion feature portion of the Amended Loan Facility has been accounted for as a non-cash derivative loan liability and will be accounted at fair value through profit and loss. Upon initial recognition, on May 19, 2023, the derivative loan Liability was assigned a fair value of \$0.4 million using a Black-Scholes pricing model. Upon initial recognition the debt portion of the Amended Loan Facility was valued at \$2.7 million, which is the difference between the face value of the debt of \$3.1 million (C\$4.2 million) and the value of the derivative loan liability of \$0.4 million. The debt portion of the Amended Loan Facility will be accounted for at Amortized Cost using an effective interest rate of 14.6%.

As at June 30, 2023, under the Amended Loan Facility, the Company had C\$5.0 million outstanding with a conversion price of C\$8.67 per share from the Third Drawdown and Fourth Drawdown, C\$0.2 million outstanding with a conversion price of C\$7.34 per share from the Second Amendment, and had C\$21.0 million available under the Amended Loan Facility with the conversion price to be determined on the date of any future advances.

For the three months ended June 30, 2023, the Company recognized finance charges of less than \$0.1 million (three months ended June 30, 2022 – less than \$0.1 million), and for the six months ended June 30, 2023, the Company recognized finance charges of \$0.1 Million (six months ended June 30, 2022 – less than \$0.1 million) related to costs associated with the Amended Loan Facility, including standby fees on the undrawn portion of the Amended Loan Facility, as well as set up and other associated costs.

#### Other Loans

In connection with the Castle Mountain acquisition in October 2021, the Company entered into a \$5.0 million loan agreement (the "**Castle Mountain Loan**") with the arm's length seller bearing interest at a rate of 4.0% per annum until fully repaid on June 1, 2023. On March 30, 2023, the Company signed an amendment with the arm's length seller of the Castle Mountain royalty to extend the maturity date of the Castle Mountain Loan from June 1, 2023, to April 1, 2024. As part of the amendment, on March 31, 2023, the Company paid all accrued interest on the loan, and effective April 1, 2023, the interest rate increased to 12.0% per annum, and the principal and accrued interest will be repaid no later than April 1, 2024. On July 7, 2023, the Company paid all accrued interest due at the time on the Castle Mountain Loan and made a principal repayment of \$4.3 million.

#### **Cash Flows from Operating Activities**

During the six months ended June 30, 2023, cash provided by operating activities was \$1.0 million and was primarily the result of a net loss of \$1.8 million, partially offset by \$0.6 million for items not affecting cash, payments received from derivative

## METALLA ROYALTY & STREAMING LTD.

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royalty assets of \$1.2 million, and a \$1.0 million increase in non-cash working capital items. During the six months ended June 30, 2022, cash used in operating activities was \$0.2 million and was primarily the result of a net loss of \$3.6 million, partially offset by \$2.8 million for items not affecting cash, payments received from the derivative royalty asset of \$1.2 million, and by a \$0.6 million decrease in non-cash working capital items.

#### Cash Flows from Investing Activities

During the six months ended June 30, 2023, cash provided by the Company's investing activities was \$2.3 million and was primarily related to the sale of mineral claims of \$5.0 million, partially offset by the acquisition of royalties and streams of \$2.9 million. During the six months ended June 30, 2022, cash used in the Company's investing activities was \$0.9 million and was primarily related to the acquisition of royalties and streams.

#### Cash Flows from Financing Activities

During the six months ended June 30, 2023, cash provided by the Company's financing activities was \$4.0 million, which was primarily comprised of \$4.4 million in net proceeds from the At-The-Market equity programs, \$0.3 million from the exercise of stock options, partially offset by \$0.7 million of finance charges and interest payments. During the six months ended June 30, 2022, cash provided by the Company's financing activities was \$2.3 million, which was primarily comprised of \$2.3 million in net proceeds from the At-The-Market equity programs, \$0.3 million from the exercise of stock options, partially offset by \$0.3 million of finance charges and interest payments.

#### At-The-Market Equity Programs

##### 2022 ATM Program

On May 27, 2022, the Company announced that it had entered into an equity distribution agreement (the "**2022 Distribution Agreement**") with a syndicate of agents (collectively, the "**Agents**") to establish an At-The-Market equity program (the "**2022 ATM Program**"). Under the 2022 ATM Program, the Company may distribute up to \$50.0 million (or the equivalent in Canadian Dollars) in Common Shares (the "**Offered Shares**"). The Offered Shares will be sold by the Company, through the Agents, to the public from time to time, at the Company's discretion, at the prevailing market price at the time of sale. The net proceeds from the 2022 ATM Program will be used to finance the future purchase of royalties and streams and for general working capital purposes. The 2022 Distribution Agreement may be terminated at any time by the Company or the Agents and if not so terminated will terminate upon the earlier of (a) the date that the aggregate gross sales proceeds of the Offered Shares sold under the 2022 ATM Program reaches the aggregate amount of \$50.0 million (or the equivalent in Canadian Dollars); or (b) June 12, 2024. For additional details about the 2022 ATM Program please see the press release by the Company dated May 27, 2022, and available on SEDAR at [www.sedar.com](http://www.sedar.com) and EDGAR at [www.sec.gov](http://www.sec.gov).

During the three months ended June 30, 2023, the Company distributed 279,430 Common Shares under the 2022 ATM Program at an average price of \$4.34 per share for gross proceeds of \$1.2 million, with aggregate commissions paid or payable to the Agents of less than \$0.1 million and other share issue costs of less than \$0.1 million, resulting in aggregate net proceeds of \$1.2 million.

From inception to the date of this MD&A, the Company had distributed 1,328,079 Common Shares under the 2022 ATM Program at an average price of \$5.01 per share for gross proceeds of \$6.6 million.

##### 2021 ATM Program

On May 14, 2021, the Company announced that it had entered into an equity distribution agreement (the "**2021 Distribution Agreement**") with a syndicate of agents (collectively, the "**2021 Agents**") to establish an At-The-Market equity program (the "**2021 ATM Program**"). Under the 2021 ATM Program, the Company could distribute up to \$35.0 million (or the equivalent in Canadian Dollars) in Common Shares (the "**2021 Offered Shares**"). The 2021 Offered Shares were sold by the Company, through

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the 2021 Agents, to the public from time to time, at the Company's discretion, at the prevailing market price at the time of sale. The net proceeds from the 2021 ATM Program were used to finance the purchase of royalties and streams and for general working capital purposes.

The 2021 ATM Program and the 2021 Distribution Agreement were terminated on May 12, 2022. From inception on May 14, 2021, to termination on May 12, 2022, the Company distributed 1,990,778 Common Shares under the 2021 ATM Program at an average price of \$8.18 per share for gross proceeds of \$16.3 million, with aggregate commissions paid or payable to the 2021 Agents and other share issue costs of \$1.0 million, resulting in aggregate net proceeds of \$15.3 million. The remaining \$18.7 million of Common Shares not sold under the 2021 ATM Program are no longer available for sale and will not be issued.

#### Outstanding Share Data

As at the date of this MD&A the Company had the following:

- 52,839,527 Common Shares issued and outstanding;
- 2,290,527 stock options outstanding with a weighted average exercise price of C\$8.23; and
- 553,850 unvested restricted share units.

#### Dividends

The Company's long-term goal is to pay out dividends with a target rate of up to 50% of the annualized operating cash flow of the Company, however, the timing and amount of the payment of a dividend is determined by the Board of Directors by taking into account many factors, including (but not limited to), an increase and stabilization in operating cash flows, and the potential capital requirements related to acquisitions. Going forward, the Board of Directors of the Company will continually assess the Company's business requirements and projected cash flows to make a determination on whether to pay dividends in respect of a particular quarter during its financial year.

#### Requirement for additional financing

Management believes that the Company's current operational requirements and capital investments can be funded from existing cash, cash generated from operations, and funds available under the Amended Loan Facility. If future circumstances dictate an increased cash requirement and we elect not to delay, limit, or eliminate some of our plans, we may raise additional funds through debt financing, the issuance of hybrid debt-equity securities, or additional equity securities. The Company has relied on equity financings and loans for its acquisitions, capital expansions, and operations. Capital markets may not be receptive to offerings of new equity from treasury or debt, whether by way of private placements or public offerings. The Company's growth and success may be dependent on external sources of financing which may not be available on acceptable terms.

#### TRANSACTIONS WITH RELATED PARTIES

The aggregate value of transactions and outstanding balances relating to key management personnel were as follows:

Key management compensation for the Company consists of remuneration paid to management (which includes Brett Heath, the Chief Executive Officer, and Saurabh Handa, the Chief Financial Officer) for services rendered and compensation for members of the Board of Directors (which includes Lawrence Roulston, E.B. Tucker, Alexander Molyneux, James Beeby, Amanda Johnston (appointed effective August 16, 2022), Terry Krepiakovich (ret. effective May 22, 2022), and Douglas Silver (res. effective May 17, 2023)) in their capacity as directors of the Company.

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The Company's key management compensation was as follows:

	Three months ended		Six months ended	
	June 30,		June 30,	
	2023	2022	2023	2022
Salaries and fees	\$ 264	\$ 254	\$ 532	\$ 507
Share-based payments	386	367	1,045	1,236
	\$ 650	\$ 621	\$ 1,577	\$ 1,743

As at June 30, 2023, the Company had \$Nil due to directors and management related to remuneration and expense reimbursements, which have been included in accounts payable and accrued liabilities. As at June 30, 2023, the Company had \$Nil due from directors and management.

### OFF-BALANCE SHEET ARRANGEMENTS

As of the date of this MD&A, the Company does not have any off-balance sheet arrangements that have, or are reasonably likely to have, a current or future effect on the results of operations or financial condition of the Company, including, and without limitation, such considerations as liquidity and capital resources.

### PROPOSED TRANSACTIONS

While the Company continues to pursue further transactions, there are no binding transactions of a material nature that have not already been disclosed publicly.

### COMMITMENTS

#### Contractual Commitments

As at June 30, 2023, the Company had the following contractual commitments:

	Less than	1 to	Over	Total
	1 year	3 years	3 years	
Trade and other payables	\$ 1,604	\$ -	\$ -	\$ 1,604
Loans payable principal and interest payments <sup>(1)</sup>	554	1,104	3,615	5,273
Payments related to acquisition of royalties and streams <sup>(2)(3)</sup>	5,602	2,500	-	8,102
<b>Total commitments</b>	<b>\$ 7,760</b>	<b>\$ 3,604</b>	<b>\$ 3,615</b>	<b>\$ 14,979</b>

(1) Payments required to be made on the Amended Loan Facility based on the closing balance as at June 30, 2023.

(2) Payment required for the Castle Mountain Loan including accrued interest.

(3) Payment required for the royalty on the Lama project of \$2.5 million, payable in cash or Common Shares within 90 days upon the earlier of a 2 Moz gold Mineral Reserve estimate on the royalty area or March 9, 2026.

#### Contingent Commitments

In addition to the contractual commitments above, the Company could in the future have additional commitments payable in cash and/or shares related to the acquisition of royalty and stream interests. However, these payments are subject to certain triggers or milestone conditions that had not been met as of June 30, 2023.

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As at June 30, 2023, the Company had the following contingent commitments:

- the Company is obligated to make additional potential payments in connection with its acquisition of its royalty on the CentroGold project of \$7.0 million payable in Common Shares upon receipt of all project licenses, the lifting or extinguishment of the injunction imposed on the CentroGold project with no pending appeals and, if necessary, the completion of any and all community relocations, and \$4.0 million in cash upon the achievement of commercial production at the project;
- the Company is obligated to make additional potential payments in connection with its acquisition of its royalty on the NuevaUnión copper-gold project of \$0.5 million in cash and \$0.5 million in Common Shares upon achievement of commercial production at the La Fortuna deposit in Chile; and
- the Company is obligated to make additional potential payments in connection with its acquisition of its royalty on the Hoyle Pond Extension property, the Timmins West Extension property, and the DeSantis Mine property totalling C\$5.0 million in cash and Common Shares upon achievement of various production milestones.

## FINANCIAL INSTRUMENTS

### Classification

The Company classified its financial instruments as follows:

	As at	
	June 30, 2023	December 31, 2022
<b>Financial assets</b>		
Amortized cost:		
Cash	\$ 11,710	\$ 4,555
Royalty, derivative royalty, and stream receivables	1,501	1,190
Other receivables	83	316
Fair value through profit or loss:		
Derivative royalty asset	1,254	2,182
Marketable securities	145	30
<b>Total financial assets</b>	<b>\$ 14,693</b>	<b>\$ 8,273</b>
<b>Financial liabilities</b>		
Amortized cost:		
Trade and other payables	\$ 1,604	\$ 1,286
Loans payable	7,866	10,585
Acquisition payable	1,928	-
Fair value through profit or loss:		
Derivative liability	370	-
<b>Total financial liabilities</b>	<b>\$ 11,768</b>	<b>\$ 11,871</b>

The Company's activities expose it to financial risks of varying degrees of significance which could affect its ability to achieve its strategic objectives for growth and shareholder returns. The principal financial risks to which the Company is exposed are credit risk, liquidity risk, and currency risk. The Board of Directors has overall responsibility for the establishment and oversight of the Company's risk management framework and reviews the Company's policies on an ongoing basis.

### Fair value

Financial instruments recorded at fair value on the consolidated statement of financial position are classified using a fair value hierarchy that reflects the significance of the inputs used in making the measurements. The fair value hierarchy has the following levels:

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- a) Level 1 - Unadjusted quoted prices in active markets for identical assets or liabilities;
- b) Level 2 - Inputs other than quoted prices that are observable for assets or liabilities, either directly or indirectly; and
- c) Level 3 - Inputs for assets and liabilities that are not based on observable market data.

The fair value hierarchy requires the use of observable market inputs whenever such inputs exist. A financial instrument is classified to the lowest level of the hierarchy for which a significant input has been considered in measuring fair value.

Cash, accounts receivables (royalty, derivative royalty, and stream receivables, and other receivables), and accounts payable (trade and other payables), are carried at amortized cost. Their carrying value approximated their fair value because of the short-term nature of these instruments or because they reflect amounts that are receivable to the Company without further adjustments. Marketable securities are carried at fair value and are classified within Level 1 of the fair value hierarchy. The derivative royalty asset is carried at fair value, and was valued using inputs that are not observable, including a gold forward price curve, US\$/A\$ foreign exchange rates based on forward curves, and an estimated discount rate (See Note 5 of the Company's condensed interim consolidated financial statements for the three and six months ended June 30, 2023). Therefore, the derivative royalty asset is classified within Level 3 of the fair value hierarchy.

Loans payable and acquisition payables are carried at amortized cost. The fair values of the Company's loans payable are approximated by their carrying values as the interest rates are comparable to market interest rates. The derivative loan liability is carried at fair value, and was valued using a Black-Scholes option pricing model with inputs that are not observable (See Note 8 of the Company's condensed interim consolidated financial statements for the three and six months ended June 30, 2023). Therefore, the derivative loan liability is classified within Level 3 of the fair value hierarchy.

#### **Credit risk**

Credit risk arises from cash deposits, as well as credit exposures to counterparties of outstanding receivables and committed transactions. There is no significant concentration of credit risk other than cash deposits. The Company's cash deposits are primarily held with a Canadian chartered bank. Receivables include goods and service tax refunds due from the Canadian federal government. The carrying amount of financial assets recorded in the financial statements represents the Company's maximum exposure to credit risk. The Company believes it is not exposed to significant credit risk and overall, the Company's credit risk has not declined significantly from the prior year.

#### **Liquidity risk**

Liquidity risk is the risk that the Company will not be able to meet its financial obligations as they fall due. The Company manages liquidity risk by continuing to monitor forecasted and actual cash flows. The Company has in place a planning and budgeting process to help determine the funds required to support the Company's normal operating requirements on an ongoing basis and its development plans. The Company strives to maintain sufficient liquidity to meet its short-term business requirements, taking into account its anticipated cash flows from royalty interests, its holdings of cash, and its committed liabilities. The maturities of the Company's loan liabilities are disclosed in Note 4 and Note 8 of the Company's condensed interim consolidated financial statements for the three and six months ended June 30, 2023. All current liabilities are settled within one year.

#### **Currency risk**

The Company is exposed to the financial risk related to the fluctuation of foreign exchange rates. The Company primarily operates in Canada, Australia, Argentina, Mexico, and the United States and incurs expenditures in currencies other than United States dollars. Thereby, the Company is exposed to foreign exchange risk arising from currency exposure. The Company has not hedged its exposure to currency fluctuations. Based on the above net exposure, as at June 30, 2023, and assuming that all other variables remain constant, a 1% depreciation or appreciation of the United States dollar against the Canadian dollar, Australian dollar, Argentinian peso, and Mexican peso would result in an increase/decrease in the Company's pre-tax income or loss of less than \$0.1 million.

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#### NON-IFRS FINANCIAL MEASURES

The Company has included, in this document, certain performance measures, including (a) attributable GEOs, (b) average cash cost per attributable GEO, (c) average realized price per attributable GEO, (d) operating cash margin per attributable GEO, which is based on the two preceding measures, and (e) adjusted EBITDA. The presentation of these non-IFRS measures 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-IFRS measures do not have any standardized meaning prescribed by IFRS, and other companies may calculate these measures differently.

#### Attributable Gold Equivalent Ounces (GEOs)

Attributable GEOs are composed of gold ounces attributable to the Company, plus an amount calculated by taking the revenue earned by the Company in the period from payable silver ounces attributable to the Company divided by the average London fix price of gold for the relevant period, plus an amount calculated by taking the cash received or accrued by the Company in the period from the derivative royalty asset divided by the average London fix gold price for the relevant period. Included in the calculation of attributable GEOs is any cash received from the Higginsville PP royalty, which is accounted for as a derivative royalty asset, as such any payments received under this royalty are treated as a reduction in the carrying value of the asset on the Company's statement of financial position and not shown as revenue on the Company's statement of profit and loss. However, operationally as the Company receives payment similar to the Company's other royalty interests, the results have been included here for more accurate comparability and to allow the reader to accurately analyze the operations of the Company. For additional details on the derivative royalty asset see Note 5 of the Company's condensed interim consolidated financial statements for the three and six months ended June 30, 2023.

Attributable GEOs are composed of:

- payable gold ounces attributable to the Company; plus
- an amount calculated by taking the revenue earned by the Company in the period from payable silver ounces attributable to the Company divided by the average London fix price of gold for the relevant period; plus
- an amount calculated by taking the cash received or accrued by the Company in the period from the derivative royalty asset divided by the average London fix gold price for the relevant period.

The Company presents attributable GEOs as it believes that certain investors use this information to evaluate the Company's performance in comparison to other streaming and royalty companies in the precious metals mining industry who present results on a similar basis.

#### Average cash cost per attributable GEO

Average cash cost per attributable GEO is calculated by dividing the Company's total cash cost of sales, excluding depletion by the number of attributable GEOs. The Company presents average cash cost per attributable GEO as it believes that certain investors use this information to evaluate the Company's performance in comparison to other streaming and royalty companies in the precious metals mining industry who present results on a similar basis.

The Company's average cash cost per attributable GEO was:

	Three months ended June 30,		Six months ended June 30,	
	2023	2022	2023	2022
Cost of sales for NLGM <sup>(1)</sup>	\$ 7	\$ 5	\$ 12	\$ 9
Total cash cost of sales	7	5	12	9
Total attributable GEOs	856	560	1,783	1,284
<b>Average cash cost per attributable GEO</b>	<b>\$ 8</b>	<b>\$ 9</b>	<b>\$ 7</b>	<b>\$ 7</b>

(1) Adjusted for the Company's proportionate share of NLGM held by Silverback.

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#### Average realized price per attributable GEO

Average realized price per attributable GEO is calculated by dividing the Company's revenue, excluding any revenue earned from fixed royalty payments, and including cash received or accrued in the period from derivative royalty assets, by the number of attributable GEOs sold.

The Company presents average realized price per attributable GEO as it believes that certain investors use this information to evaluate the Company's performance in comparison to other streaming and royalty companies in the precious metals mining industry that present results on a similar basis.

The Company's average realized price per attributable GEO was:

	Three months ended		Six months ended	
	June 30,		June 30,	
	2023	2022	2023	2022
Royalty revenue (excluding fixed royalty payments)	\$ 859	\$ 360	\$ 1,840	\$ 1,029
Payments from derivative assets <sup>(3)</sup>	742	621	1,411	1,244
Revenue from NLGM <sup>(1)</sup>	64	52	116	88
Sales from stream and royalty interests	1,665	1,033	3,367	2,361
Total attributable GEOs sold	856	560	1,783	1,284
<b>Average realized price per attributable GEO</b>	<b>\$ 1,945</b>	<b>\$ 1,844</b>	<b>\$ 1,888</b>	<b>\$ 1,839</b>
<b>Operating cash margin per attributable GEO<sup>(2)</sup></b>	<b>\$ 1,937</b>	<b>\$ 1,835</b>	<b>\$ 1,881</b>	<b>\$ 1,832</b>

(1) Adjusted for the Company's proportionate share of NLGM held by Silverback.

(2) Operating cash margin per attributable GEO is calculated by subtracting from the average realized price per attributable GEO, the average cash cost per attributable GEO.

(3) The Higginsville PP royalty is accounted for as a derivative royalty asset, as such any payments received under this royalty are treated as a reduction in the carrying value of the asset on the statement of financial position and not shown as revenue on the Company's statement of profit and loss. However, operationally the Company is paid for the ounces sold similar to the Company's other royalty interests, therefore the results have been included here for more accurate comparability and to allow the reader to accurately analyze the operations of the Company. For additional details on the derivative royalty asset see Note 5 of the Company's condensed interim consolidated financial statements for the three and six months ended June 30, 2023.

#### Adjusted EBITDA

Adjusted EBITDA is a non-IFRS financial measure which excludes from net income taxes, finance costs, depletion, impairment charges, foreign currency gains/losses, share based payments, and non-recurring items. Management uses Adjusted EBITDA to evaluate the Company's operating performance, to plan and forecast its operations, and assess leverage levels and liquidity measures. The Company presents Adjusted EBITDA as it believes that certain investors use this information to evaluate the Company's performance in comparison to other streaming and royalty companies in the precious metals mining industry who present results on a similar basis. However, Adjusted EBITDA does not represent, and should not be considered an alternative to net income (loss) or cash flow provided by operating activities as determined under IFRS.

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The Company's Adjusted EBITDA was:

	Three months ended June 30,		Six months ended June 30,	
	2023	2022	2023	2022
Net loss	\$ (487)	\$ (1,371)	\$ (1,843)	\$ (3,603)
Adjusted for:				
Royalty interest impairment	1,302	-	1,302	-
Gain on sales of mineral claims	(5,093)	-	(5,093)	-
Interest expense	342	330	657	650
Finance charges	45	35	78	70
Loss on extinguishment of loan payable	1,417	-	1,417	-
Income tax provision	1,044	(33)	1,243	58
Depletion	514	337	913	867
Foreign exchange loss (gain)	154	(17)	222	65
Share-based payments <sup>(1)</sup>	570	510	1,467	1,712
<b>Adjusted EBITDA</b>	<b>\$ (192)</b>	<b>\$ (209)</b>	<b>\$ 363</b>	<b>\$ (181)</b>

(1) Includes stock options and restricted share units.

## CRITICAL ACCOUNTING ESTIMATES AND JUDGMENTS

The preparation of consolidated financial statements in conformance with IFRS requires management to make estimates, judgments and assumptions that affect the application of accounting policies and the reported amounts of assets, liabilities, income and expenses. Actual results may differ from these estimates. Estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognized in the period in which the estimates are revised and in any future periods affected. The Company's significant accounting policies and estimates are disclosed in Note 2 of the Company's consolidated financial statements for the year ended December 31, 2022.

## DISCLOSURE CONTROLS AND INTERNAL CONTROLS OVER FINANCIAL REPORTING

### Disclosure Controls and Procedures

The Company's Disclosure Controls and Procedures ("DCP") are designed to ensure that information required to be disclosed in reports filed or submitted by the Company under the Exchange Act is recorded, processed, summarized and reported within the time periods specified in the applicable rules and forms and include, without limitation, controls and procedures designed to ensure that information required to be disclosed in reports filed or submitted by the Company under the Exchange Act is accumulated and communicated to management, including the Chief Executive Officer ("CEO") and Chief Financial Officer ("CFO"), as appropriate to allow timely decisions regarding required disclosure.

The Company's management, with the participation of the CEO and CFO, has evaluated the effectiveness of the design and operation of the Company's DCP as defined under the Exchange Act, as at June 30, 2023. Based upon the results of that evaluation, the CEO and CFO have concluded that, as at June 30, 2023, the Company's disclosure controls and procedures were effective.

### Internal Controls Over Financial Reporting

Management of the Company, with participation of the CEO and CFO, is responsible for establishing and maintaining adequate Internal Control over Financial Reporting ("ICFR"). Management has used the framework in Internal Control - Integrated Framework (2013) issued by the Committee of Sponsoring Organizations of the Treadway Commission ("COSO") to evaluate the effectiveness of the Company's internal control over financial reporting.

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The Company's ICFR is designed to provide reasonable assurance regarding the reliability of the Company's financial reporting for external purposes in accordance with IFRS as issued by the IASB. The Company's ICFR includes:

- maintaining records, that in reasonable detail, accurately and fairly reflect our transactions and dispositions of the assets of the Company;
- providing reasonable assurance that transactions are recorded as necessary for preparation of the consolidated financial statements in accordance with IFRS as issued by the IASB;
- providing reasonable assurance that receipts and expenditures are made in accordance with authorizations of management and the directors of the Company; and
- providing reasonable assurance that unauthorized acquisition, use or disposition of Company assets that could have a material effect on the Company's consolidated financial statements would be prevented or detected on a timely basis.

The Company's ICFR may not prevent or detect all misstatements because of inherent limitations. Additionally, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions or deterioration in the degree of compliance with the Company's policies and procedures.

#### Changes in ICFR

There has been no change in our internal control over financial reporting during the six months ended June 30, 2023, which has materially affected, or is reasonably likely to materially affect, our internal control over financial reporting.

#### Limitations of Controls and Procedures

The Company's management, including the CEO and CFO, believe that any disclosure controls and procedures or internal controls over financial reporting, no matter how well conceived and operated, can provide only reasonable, not absolute, assurance that the objectives of the control system are met. Further, the design of a control system must reflect the fact that there are resource constraints, and the benefits of controls must be considered relative to their costs. Because of the inherent limitations in all control systems, they cannot provide absolute assurance that all control issues and instances of fraud, if any, within the Company have been prevented or detected. These inherent limitations include the realities that judgments in decision-making can be faulty, and that breakdowns can occur because of simple error or mistake. Additionally, controls can be circumvented by the individual acts of some persons, by collusion of two or more people, or by unauthorized override of the control. The design of any systems of controls also is based in part upon certain assumptions about the likelihood of future events, and there can be no assurance that any design will succeed in achieving its stated goals under all potential future conditions. Accordingly, because of the inherent limitations in a cost-effective control system, misstatements due to error or fraud may occur and not be detected.

#### RISK FACTORS

The Company's ability to generate revenues and profits from its natural resource properties is subject to a number of risks and uncertainties. For a full discussion on the risk factors affecting the Company, please refer to the Company's Annual Information Form dated March 31, 2023, which is available on [www.sedar.com](http://www.sedar.com).

#### QUALIFIED PERSONS

The technical information contained in this MD&A has been reviewed and approved by Charles Beaudry, geologist M.Sc., member of the Association of Professional Geoscientists of Ontario and of the Ordre des Géologues du Québec and a director of Metalla. Mr. Beaudry is a Qualified Person as defined in National Instrument 43-101 - *Standards of Disclosure for Mineral Projects* ("NI 43-101").

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#### TECHNICAL AND THIRD-PARTY INFORMATION

Metalla has limited, if any, access to the properties on which Metalla holds a royalty, stream or other interest. Metalla is dependent on (i) the operators of the mines or properties and their qualified persons to provide technical or other information to Metalla, or (ii) publicly available information to prepare disclosure pertaining to properties and operations on the mines or properties on which Metalla holds a royalty, stream or other interest, and generally has limited or no ability to independently verify such information. Although Metalla does not have any knowledge that such information may not be accurate, there can be no assurance that such third-party information is complete or accurate. Some information publicly reported by operators may relate to a larger property than the area covered by Metalla's royalty, stream or other interests. Metalla's royalty, stream or other interests can cover less than 100% and sometimes only a portion of the publicly reported mineral reserves, resources and production of a property.

Unless otherwise indicated, the technical and scientific disclosure contained or referenced in this MD&A, including any references to Mineral Resources or Mineral Reserves, was prepared in accordance with Canadian NI 43-101, which differs significantly from the requirements of the U.S. Securities and Exchange Commission (the "SEC") applicable to U.S. domestic issuers. Accordingly, the scientific and technical information contained or referenced in this MD&A may not be comparable to similar information made public by U.S. companies subject to the reporting and disclosure requirements of the SEC.

"Inferred Mineral Resources" have a great amount of uncertainty as to their existence and great uncertainty as to their economic and legal feasibility. It cannot be assumed that all or any part of an Inferred Mineral Resource will ever be upgraded to a higher category. Historical results or feasibility models presented herein are not guarantees or expectations of future performance.

#### CAUTIONARY STATEMENT ON FORWARD-LOOKING STATEMENTS

This MD&A contains "forward-looking information" and "forward-looking statements" (collectively, "**forward-looking statements**") within the meaning of applicable securities legislation. The forward-looking statements herein are made as of the date of this MD&A only and the Company does not intend to and does not assume any obligation to update updated forward-looking information, except as required by applicable law. For this reason and the reasons set forth below, investors should not place undue reliance on forward looking statements.

All statements included herein that address events or developments that we expect to occur in the future are forward-looking statements. Generally forward-looking statements can be identified by the use of words such as "plans", "expects", "is expected", "budgets", "scheduled", "estimates", "forecasts", "predicts", "projects", "intends", "targets", "aims", "anticipates" or "believes" or variations (including negative variations) of such words and phrases or may be identified by statements to the effect that certain actions "may", "could", "should", "would", "might" or "will" be taken, occur or be achieved.

Forward-looking statements in this MD&A include, but are not limited to, statements regarding:

- future events or future performance of Metalla;
- the completion of the Company's royalty purchase transactions;
- the Company's plans and objectives;
- the Company's future financial and operational performance;
- expectations regarding stream and royalty interests owned by the Company;
- the satisfaction of future payment obligations, contractual commitments and contingent commitments by Metalla;
- the future achievement of any milestones in respect of the payment or satisfaction of contingent consideration by Metalla;
- the effectiveness, and potential use and benefit of the Company's final short form base shelf prospectus and Form F-10 registration statement;
- the future sales of common shares under the 2022 ATM Program and the value of the gross proceeds to be raised;

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- the future availability of funds, including drawdowns pursuant to the Amended Loan Facility (as amended or supplemented);
- the effective interest rate of drawdowns under the Amended Loan Facility (as amended or supplemented) and the life expectancy thereof;
- the future conversion of funds drawn down by Metalla under the Amended Loan Facility (as amended or supplemented);
- the amount that Metalla has to pay under the Amended Loan Facility (as amended or supplemented) and the applicable exchange rate;
- the payment of the principal and accrued interest on the Castle Mountain loan;
- the completion by property owners of announced drilling programs, capital expenditures, and other planned activities in relation to properties on which the Company and its subsidiaries hold a royalty or streaming interest and the expected timing thereof;
- production and life of mine estimates or forecasts at the properties on which the Company and its subsidiaries hold a royalty or streaming interest;
- future disclosure by property owners and the expected timing thereof;
- the completion by property owners of announced capital expenditure programs;
- the expected 2023 production guidance at La Encantada;
- the intended improvements for the heap leach pads at El Realito;
- the completion of 4,000 meters of exploration drilling by Agnico at the Chipriona deposit at El Realito;
- the expected 2023 production at Wharf;
- the focus of the exploration efforts at Wharf in 2023;
- the expected 2023 production guidance at NLGM;
- the assessment of the Wasamac project by Agnico, and the reporting of the results of their internal evaluation and the anticipated timing thereof;
- the expected production potential at Wasamac and the expected timing of commencement of production;
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- expected activities at the Tower Gold Project and timing thereof; the production potential at the AK deposit and the anticipated timing thereof;
- the reporting of the results of an internal evaluation on the AK deposit and the timing thereof;
- the release of a mine restart study for Endeavor and the anticipated timing thereof;
- the recommencing of operations at the Endeavor mine and anticipated timing thereof;
- the completion of Polymetals acquisition of Orana Minerals Pty Ltd.;
- additional technical studies planned to complete test work and studies to optimize inclusion of Gosselin into future Côté life-of-mine plans;
- the planned drilling for 2023 at Gosselin;
- St. Barbara's plans regarding development of Fifteen Mile Stream;
- the expected expenses by Agnico at Fosterville, and the completion of capitalized drilling, development of exploration drifts, and underground and surface exploration;
- the start of commercial production at Tocantinzinho and the anticipated timing thereof;
- Phase 2 optimization, engineering and permitting and timing and costs thereof at Castle Mountain;
- the beginning of the preparation of a preliminary draft Environmental Impact Statement for Castle Mountain and the anticipated timing thereof;
- the expected timing of start of production at Akasaba West;
- the second phase of exploration drilling at Camflo, and test for potential lateral extensions of mineralization and infill known zones; Agnico's belief regarding open-pit mining and location of processing at Camflo; the anticipated drill program at Camflo property and the anticipated timing thereof;
- results of the 2023 drill program at Green Springs; the amount and timing of the attributable GEOs expected by the Company in 2023;
- the availability of cash flows from the Wharf, Higginsville, El Realito, NLGM and La Encantada royalties and streams;
- royalty payments to be paid to Metalla by property owners or operators of mining projects pursuant to each royalty interest;

## METALLA ROYALTY & STREAMING LTD.

### MANAGEMENT'S DISCUSSION AND ANALYSIS

FOR THE THREE AND SIX MONTHS ENDED JUNE 30, 2023

(Expressed in thousands of United States dollars, unless otherwise indicated, except for shares, per ounce, and per share amounts)

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- the future outlook of Metalla and the mineral reserves and resource estimates for the properties with respect to which the Metalla has or proposes to acquire an interest;
- future gold and silver prices;
- other potential developments relating to, or achievements by, the counterparties for the Company's stream and royalty agreements, and with respect to the mines and other properties in which the Company has, or may acquire, a stream or royalty interest;
- costs and other financial or economic measures;
- prospective transactions;
- growth and achievements;
- financing and adequacy of capital;
- payment of the Special Dividend;
- future payment of dividends;
- future public and/or private placements of equity, debt or hybrids thereof; and
- the Company's ability to fund its current operational requirements and capital projects.

Such forward-looking statements reflect management's current beliefs and assumptions and are based on information currently available to management.

Forward-looking statements involve known and unknown risks, uncertainties and other factors, which may cause the actual results, performance or achievements of the Company to be materially different from any future results, performance, or achievements expressed or implied by the forward-looking statements. A number of factors could cause actual events or results to differ materially from any forward-looking statements, including, without limitation:

- risks related to commodity price fluctuations;
- the absence of control over mining operations from which Metalla will purchase precious metals pursuant to gold streams, silver streams and other agreements or from which it will receive royalty payments pursuant to net smelter returns, gross overriding royalties, gross value royalties and other royalty agreements or interests and risks related to those mining operations, including risks related to international operations, government and environmental regulation, delays in mine construction and operations, actual results of mining and current exploration activities, conclusions of economic evaluations and changes in project parameters as plans are refined;
- risks related to exchange rate fluctuations;
- that payments in respect of streams and royalties may be delayed or may never be made;
- risks related to Metalla's reliance on public disclosure and other information regarding the mines or projects underlying its streams and royalties;
- that some royalties or streams may be subject to confidentiality arrangements that limit or prohibit disclosure regarding those royalties and streams;
- business opportunities that become available to, or are pursued by, Metalla;
- that Metalla's cash flow is dependent on the activities of others;
- that Metalla has had negative cash flow from operating activities in the past;
- that some royalty and stream interests are subject to rights of other interest-holders;
- that Metalla's royalties and streams may have unknown defects;
- risks related to Metalla's sole material asset, the Côté property;
- risks related to general business and economic conditions;
- risks related to global financial conditions, geopolitical events and other uncertainties; risks related to epidemics, pandemics or other public health crises, including COVID-19 global health pandemic, and the spread of other viruses or pathogens, and the potential impact thereof on Metalla's business, operations and financial condition;
- that Metalla is dependent on its key personnel;
- risks related to Metalla's financial controls;
- dividend policy and future payment of dividends;
- competition;
- that project operators may not respect contractual obligations;

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### MANAGEMENT'S DISCUSSION AND ANALYSIS

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- that Metalla's royalties and streams may be unenforceable;
- risks related to conflicts of interest of Metalla's directors and officers;
- that Metalla may not be able to obtain adequate financing in the future;
- risks associated with Metalla's 2022 ATM Program;
- risks related to Metalla's current credit facility and financing agreements;
- litigation;
- title, permit or license disputes related to interests on any of the properties in which Metalla holds, or may acquire, a royalty, stream or other interest;
- interpretation by government entities of tax laws or the implementation of new tax laws;
- changes in tax laws impacting Metalla;
- risks related to anti-bribery and anti-corruption laws;
- credit and liquidity risk;
- risks related to Metalla's information systems and cyber security;
- risks posed by activist shareholders;
- that Metalla may suffer reputational damage in the ordinary course of business;
- risks related to acquiring, investing in or developing resource projects;
- risks applicable to owners and operators of properties in which Metalla holds an interest;
- exploration, development and operating risks;
- risks related to climate change; environmental risks;
- that the exploration and development activities related to mine operations are subject to extensive laws and regulations; that the operation of a mine or project is subject to the receipt and maintenance of permits from governmental authorities;
- risks associated with the acquisition and maintenance of mining infrastructure;
- that Metalla's success is dependent on the efforts of operators' employees;
- risks related to mineral resource and mineral reserve estimates;
- that mining depletion may not be replaced by the discovery of new mineral reserves; that operators' mining operations are subject to risks that may not be able to be insured against;
- risks related to land title; risks related to international operations;
- risks related to operating in countries with developing economies;
- risks related to the construction, development and expansion of mines or projects;
- risks associated with operating in areas that are presently, or were formerly, inhabited or used by indigenous peoples;
- that Metalla is required, in certain jurisdictions, to allow individuals from that jurisdiction to hold nominal interests in Metalla's subsidiaries in that jurisdiction;
- the volatility of the stock market;
- that existing securityholders may be diluted;
- risks related to Metalla's public disclosure obligations;
- risks associated with future sales or issuances of debt or equity securities;
- risks associated with the Amended Loan Facility;
- that there can be no assurance that an active trading market for Metalla's securities will be sustained;
- risks related to the enforcement of civil judgments against Metalla;
- risks relating to Metalla potentially being a passive "foreign investment company" within the meaning of U.S. federal tax laws; and
- other factors identified and as described in more detail under the heading "Risk Factors" contained in this MD&A, and in the Company's Annual Information Form and Form 40-F Annual Report filed with regulators in Canada at [www.sedar.com](http://www.sedar.com) and the SEC at [www.sec.gov](http://www.sec.gov).

Although Metalla has attempted to identify important factors that could cause actual actions, events or results to differ materially from those contained in forward-looking information, there may be other factors that cause actions, events or results not to be as anticipated, estimated or intended. There can be no assurance that such information will prove to be accurate, as actual results and future events could differ materially from those anticipated in such information. Investors are cautioned

**METALLA ROYALTY & STREAMING LTD.**

**MANAGEMENT'S DISCUSSION AND ANALYSIS**

**FOR THE THREE AND SIX MONTHS ENDED JUNE 30, 2023**

(Expressed in thousands of United States dollars, unless otherwise indicated, except for shares, per ounce, and per share amounts)

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that forward-looking statements are not guarantees of future performance. The Company cannot assure investors that actual results will be consistent with these forward-looking statements. Accordingly, investors should not place undue reliance on forward-looking statements or information.

This MD&A contains future-orientated information and financial outlook information (collectively, "FOFI") about the Company's revenues from royalties, streams and other projects which are subject to the same assumptions, risk factors, limitations and qualifications set forth in the above paragraphs. FOFI contained in this MD&A was made as of the date of this MD&A and was provided for the purpose of providing further information about the Company's anticipated business operations. Metalla disclaims any intention or obligation to update or revise any FOFI contained in this MD&A, whether as a result of new information, future events or otherwise, unless required pursuant to applicable law. FOFI contained in this MD&A should not be used for the purposes other than for which it is disclosed herein.