

METALLA ESTABLISHES AN AT-THE-MARKET EQUITY PROGRAM

TSXV: MTA

NYSE AMERICAN: MTA

FOR IMMEDIATE RELEASE September 4, 2020

Unless otherwise specified, all references to dollars set forth herein shall mean United States dollars.

Vancouver, British Columbia: Metalla Royalty & Streaming Ltd. ("Metalla" or the "Company") (TSXV: MTA) (NYSE American: MTA) is pleased to announce that it has entered into an equity distribution agreement (the "Distribution Agreement") with a syndicate of agents (collectively, the "Agents") including BMO Nesbitt Burns Inc. (the "Lead Canadian Agent"), Cormark Securities Inc. and Eight Capital, as the Canadian agents, and BMO Capital Markets Corp. (the "Lead U.S. Agent") and Cormark Securities (USA) Limited, as the United States agents, to establish an at-themarket equity program (the "ATM Program").

The Company may distribute up to US\$20 million (or the equivalent in Canadian dollars) of common shares of the Company (the "Offered Shares") under the ATM Program. The Offered Shares will be issued by the Company to the public from time to time, through the Agents, at the Company's discretion. The Offered Shares sold under the ATM Program, if any, will be sold at the prevailing market price at the time of sale.

The net proceeds of any such sales will be used to finance the future purchase of streams and royalties by the Company and for general working capital purposes. The Company anticipates that it will use the flexibility and availability of the ATM Program to finance small transactions, and the amended Beedie Convertible Loan Facility for larger transactions.

Under the Distribution Agreement, sales of Offered Shares will be made by the Agents through "at-the-market distributions" as defined in National Instrument 44-102 – Shelf Distributions on the TSX Venture Exchange, NYSE American LLC or any other trading market for the Offered Shares in Canada or the United States. The Company is not obligated to make any sales of Offered Shares under the Distribution Agreement. Unless earlier terminated by the Company or the Agents as permitted therein, the Distribution Agreement will terminate upon the earlier of (a) the date that the aggregate gross sales proceeds of the Offered Shares sold under the ATM Program reaches the aggregate amount of US\$20 million (or the equivalent in Canadian dollars); or (b) June 1, 2022.

The ATM Program is being made pursuant to a prospectus supplement to the Company's short form base shelf prospectus dated May 1, 2020 and U.S. registration statement on Form F-10 filed April 29, 2020, as amended on May 1, 2020. The prospectus supplement relating to the ATM Program has been filed with the securities commissions in each of the provinces of Canada and with the United States Securities and Exchange Commission. Copies of the prospectus supplement, the Distribution Agreement and other relevant documents are available on SEDAR at www.secar.com and EDGAR at www.sec.gov. Alternatively, the Lead Canadian Agent will send copies of such documents to Canadian investors upon request by contacting the Lead Canadian Agent at BMO Nesbitt Burns Inc. by mail at Brampton Distribution Centre, 9195 Torbram Road, Brampton, Ontario, L6S 6H2, attn: The Data Group of Companies, by email at torbramwarehouse@datagroup.ca or by telephone at 905-791-3151 ext. 4312 and the Lead U.S. Agent will send copies of such documents to United States investors upon request by contacting the Lead U.S. Agent at BMO Capital Markets Corp. by mail at 3 Times Square, 25th Floor, New York, NY 10036, attn: Equity Syndicate, by email at bmoprospectus@bmo.com or by telephone at 800-414-3627.

This press release does not constitute an offer to sell or the solicitation of an offer to buy securities, nor will there be any sale of, the securities in any jurisdiction in which such offer, solicitation or sale would be unlawful.

ABOUT METALLA

Metalla is a precious metals royalty and streaming company. Metalla provides shareholders with leveraged precious metal exposure through a diversified and growing portfolio of royalties and streams. Our strong foundation of current and future cash-generating asset base, combined with an experienced team gives Metalla a path to become one of the leading gold and silver companies for the next commodities cycle.

ON BEHALF OF METALLA ROYALTY & STREAMING LTD.

(signed) "Brett Heath" President and CEO

CONTACT INFORMATION

Metalla Royalty & Streaming Ltd.

Brett Heath, President & CEO

Phone: 604-696-0741

Email: info@metallaroyalty.com

Kristina Pillon, Investor Relations

Phone: 604-908-1695

Email: kristina@metallaroyalty.com

Website: www.metallaroyalty.com

Neither the TSXV nor its Regulation Services Provider (as that term is defined in the policies of the Exchange) accept responsibility for the adequacy or accuracy of this release.

CAUTIONARY NOTE REGARDING FORWARD-LOOKING STATEMENTS

This news release contains "forward-looking information" and "forward-looking statements" (collectively, "forward-looking statements"), within the meaning of applicable Canadian and United States securities legislation. Often, but not always, 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 news release include, but are not limited to, statements with respect to the Offered Shares sold under the ATM Program; and the use of proceeds from any such sale of Offered Shares. Forward-looking statements are based on forecasts of future results, estimates of amounts not yet determinable and assumptions that, while believed by management to be reasonable, are inherently subject to significant business, economic and competitive uncertainties, and contingencies. Forwardlooking statements are subject to various known and unknown risks and uncertainties, many of which are beyond the ability of Metalla to control or predict, that may cause Metalla's actual results, performance or achievements to be materially different from those expressed or implied thereby, and are developed based on assumptions about such risks, uncertainties and other factors set out herein, including but not limited to: Metalla may not sell any of the Offered Shares or may raise less than the maximum offering amount under the ATM Program; management has broad discretion in the use of proceeds from the ATM Program; compliance with regulatory requirements; risks associated with the impact of general business and economic conditions; the absence of control over mining operations from which Metalla will purchase precious metals or from which it will receive stream or royalty payments 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; problems related to the ability to market precious metals or other metals; industry conditions, including commodity price fluctuations, interest and exchange rate fluctuations; interpretation by government entities of tax laws or the implementation of new tax laws; regulatory, political or economic developments in any of the countries where properties in which Metalla holds a royalty, stream or other interest are located or through which they are held; risks related to the operators of the properties in which Metalla holds a royalty or stream or other interest, including changes in the ownership and control of such operators; risks related to global pandemics, including the novel coronavirus (COVID-19) global health pandemic, and the spread of other viruses or pathogens; influence of macroeconomic developments; business opportunities that become available to, or are pursued by Metalla; reduced access to debt and equity capital; litigation; title, permit or license disputes related to interests on any of the properties in which Metalla holds a royalty, stream or other interest; the volatility of the stock market; competition; future sales or issuances of debt or equity securities; dividend policy and future payment of dividends; liquidity; market for securities; enforcement of civil judgments; and risks relating to Metalla potentially being a passive foreign investment company within the meaning of U.S. federal tax laws; and the other risks and uncertainties disclosed under the heading "Risk Factors" in the Company's most recent annual information form, annual report on Form 40-F and other documents filed with or submitted to the Canadian securities regulatory authorities on the

SEDAR website at www.sedar.com and the U.S. Securities and Exchange Commission on the EDGAR website at www.sec.gov. Metalla undertakes no obligation to update forward-looking statements except as required by applicable law. Such forward-looking statements represent management's best judgment based on information currently available. No forward-looking statement can be guaranteed, and actual future results may vary materially. Accordingly, readers are advised not to place undue reliance on forward-looking statements.