

NEWS RELEASE

LUCA NAMED TO TSXV LIST OF TOP 50 PERFORMING COMPANIES

Vancouver, British Columbia, February 19, 2025 - Luca Mining Corp. ("Luca" or the "Company") (TSX-V: LUCA; OTCQX: LUCMF; Frankfurt: Z68) is pleased to announce that it has been included in the 2025 TSX Venture 50™ list of top performing companies.

TSX Venture 50™ is an annual ranking of the top performing companies over the last year on the TSX Venture Exchange. The companies are ranked based on three equally weighted criteria of one-year share price appreciation, market capitalization increase, and Canadian consolidated trading value.



Dan Barnholden, CEO, commented, *"We have delivered an approximate 77% increase in our share price over the course of 2024, and I'm pleased to see that this trend has continued into 2025. We appreciate the recognition by TSXV of our efforts at building shareholder value. We expect 2025 to be another transformative year for Luca as we continue to grow our production and cash flow and embark on exciting exploration programs at both of our operating mines."*

Commenting on the TSX Venture 50™, Tim Babcock, President of the TSX Venture Exchange, said, *"The performance of the TSX Venture 50 underscores the strategic importance of Canadian natural resources and high-growth innovation. With heightened demand for critical minerals, energy security and transition, and advanced manufacturing, this year's TSX Venture 50 showcases how TSXV is empowering Canadian businesses to raise capital, scale operations, and contribute to a secure and prosperous future for Canada."*

About Luca Mining Corp.

Luca Mining (TSX-V: LUCA, OTCQX: LUCMF, Frankfurt: Z68) is a diversified Canadian mining company with two 100%-owned producing mines within the prolific Sierra Madre mineralized belt in Mexico which hosts numerous producing and historic mines along its trend. The Company produces gold, copper, zinc, silver and lead from these mines that each have considerable development and resource upside.

The Campo Morado polymetallic VMS mine is an underground operation located in Guerrero State. It produces copper-zinc-lead concentrates with precious metals credits. It is currently undergoing an optimization program which is already generating significant improvements in recoveries, grades, efficiencies, and cashflows.

The Tahuehueto epithermal gold and silver mine is a new underground operation in Durango State. The Company is commissioning the Tahuehueto mill and expects to achieve commercial production in early 2025.

On Behalf of the Board of Directors

(signed) "Dan Barnholden"

Dan Barnholden, Chief Executive Officer

Contact Information:

Sophia Shane
Director of Corporate Development
sshane@lucamining.com
+1 604 306 6867

Glen Sandwell
Corporate Communications Manager
ir@lucamining.com

For more information, please visit: www.lucamining.com

Cautionary Note Regarding Forward-Looking Statements

It should be noted that Luca declared commercial production at Campo Morado prior to completing a feasibility study of mineral reserves demonstrating economic and technical viability. Accordingly, readers should be cautioned that Luca's production decision has been made without a comprehensive feasibility study of established reserves such that there is greater risk and uncertainty as to future economic results from the Campo Morado mine and a higher technical risk of failure than would be the case if a feasibility study were completed and relied upon to make a production decision. Luca has completed a preliminary economic assessment ("PEA") mining study on the Campo Morado mine that provides a conceptual life of mine plan and a preliminary economic analysis based on the previously identified mineral resources (see news releases dated November 8, 2017, and April 4, 2018).

Statements contained in this news release that are not historical facts are "forward-looking information" or "forward-looking statements" (collectively, "Forward-Looking Information") within the meaning of applicable Canadian securities laws. Forward Looking Information includes, but is not limited to, disclosure regarding the Financings, the anticipated timing of closing thereof and the expected use of proceeds therefrom; and other possible events, conditions or financial performance that are based on assumptions about future economic conditions and courses of action; the timing and costs of future activities on the Company's properties, such as production rates and increases; success of exploration, development and bulk sample processing activities, and timing for processing at its own mineral processing facility on the Tahuehueto project site. In certain cases, Forward-Looking Information can be identified using words and phrases such as "plans," "expects," "scheduled," "estimates," "forecasts," "intends," "anticipates" or variations of such words and phrases. In preparing the Forward-Looking Information in this news release, the Company has applied several material assumptions, including, but not limited to, that all requisite approvals in respect of the Financings will be received, and all conditions precedent to completion of the Financings will be satisfied, in a timely manner; the Company will be able to raise additional capital as necessary; the current exploration, development, environmental and other objectives concerning the Campo Morado Mine and the Tahuehueto Project can be achieved; the program to improve mining operations at Campo Morado will proceed as planned; the continuity of the price of gold and other metals, economic and political conditions, and operations. Forward-Looking Information involves 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 Information. There can be no assurance that Forward-Looking Information will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Accordingly, readers should not place undue reliance on Forward-Looking Information. Except as required by law, the Company does not assume any obligation to release publicly any revisions to Forward-Looking Information contained in this news release to reflect events or circumstances after the date hereof or to reflect the occurrence of unanticipated events.

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