



JAGUAR MINING TEMPORARILY SUSPENDS OPERATIONS AT ITS TURMALINA MINE FOLLOWING AN INCIDENT AT THE SATINOCO TAILINGS PILE

Toronto, December 9, 2024 – Jaguar Mining Inc. ("Jaguar" or the "Company") (TSX: JAG) has reported that operations at its Turmalina mine, which is part of the Company's MTL mining complex located in the state of Minas Gerais, Brazil, approximately 130 kilometers northwest of the city of Belo Horizonte, have been temporarily suspended following a slump in the north wall of its nearby Satinoco tailings pile which consists of dry-stacked filtered tails and waste rock.

On the morning of Saturday December 7, 2024, a visual inspection identified areas of concern at the Satinoco tailings pile. The mine's personnel and nearby community members were evacuated before the slump occurred, and no injuries were reported. The Company is working diligently with local authorities, including the Brazilian National Mining Agency, and the community surrounding the mine to ensure the situation remains under control. Safety of all employees and community members remains the top priority. Operations will remain temporarily suspended and will only resume once it is determined to be completely safe to do so.

Material from the slump impacted some of the infrastructure at the mine including, maintenance areas near the shop, piping that feeds the filter plant, outdoor storage areas and an emergency escape exit from the mine was covered. Approximately 134 residents have been evacuated to local hotels, and the Company has crisis management and support personnel on the ground, engaging with the displaced families. Timing of the resumption of operations at the Turmalina mine is currently unknown but it is expected it will not be shorter than one month. Any further material information will be provided as it becomes available.

The Iron Quadrangle

The Iron Quadrangle has been an area of mineral exploration dating back to the 16th century. The discovery in 1699–1701 of gold contaminated with iron and platinum-group metals in the southeastern corner of the Iron Quadrangle gave rise to the name of the town Ouro Preto (Black Gold). The Iron Quadrangle contains world-class multi-million-ounce gold deposits such as Morro Velho, Cuiabá, and São Bento. Jaguar holds the second largest gold land position in the Iron Quadrangle with over 41,000 hectares.

About Jaguar Mining Inc.

Jaguar Mining Inc. is a Canadian-listed junior gold mining, development, and exploration company operating in Brazil with three gold mining complexes and a large land package with significant upside exploration potential from mineral claims. The Company's principal operating assets are located in the Iron Quadrangle, a prolific greenstone belt in the state of Minas Gerais and include the MTL Mining Complex (Turmalina mine and plant) and Caeté Mining Complex (Pilar and Roça Grande mines, and Caeté plant). The Roça Grande mine has been on temporary care and maintenance since April 2019. The Company also owns the Paciência Mining Complex (Santa Isabel mine and plant), which had been on care and maintenance since 2012 and is planned to restart in early 2025. Additional information is available on the Company's website at www.jaguarmining.com.

For further information please contact:

Vernon Baker
Chief Executive Officer
Jaguar Mining Inc.
vernon.baker@jaguarmining.com
416-847-1854

Alfred Colas
Chief Financial Officer
Jaguar Mining Inc.
alfred.colas@jaguarmining.com
416-847-1848

Forward-Looking Statements

Certain statements in this news release constitute "forward-looking information" within the meaning of applicable Canadian securities legislation. Forward-looking statements and information are provided for the purpose of providing information about Management's expectations and plans relating to the future. All of the forward-looking information made in this news release is qualified by the cautionary statements below and those made in our other filings with the securities regulators in Canada. Forward-looking information contained in forward-looking statements can be identified by the use of words such as "are expected," "is forecast," "is targeted," "approximately," "plans," "anticipates," "projects," "anticipates," "continue," "estimate," "believe" or variations of such words and phrases or statements that certain actions, events or results "may," "could," "would," "might," or "will" be taken, occur or be achieved. All statements, other than statements of historical fact, may be considered to be or include forward-looking information. This news release contains forward-looking information regarding, among other things, the number of Common Shares to be purchased pursuant to the Bid and the anticipated benefits of the Bid, including the enhancement of long-term shareholder value. The Company has made numerous assumptions with respect to forward-looking information contained herein, including, among other things, assumptions set forth in the Company's annual information form dated March 25, 2024 for the year ended December 31, 2023 and the Company's most recent Management's discussion and analysis, as well as other public disclosure documents that can be accessed under the issuer profile of "Jaguar Mining Inc." on SEDAR+ at www.sedarplus.ca. Forward-looking information involves a number of known and unknown risks and uncertainties, including among others: the risk of Jaguar not meeting the forecast plans regarding its operations and financial performance; uncertainties with respect to the price of gold, labour disruptions, mechanical failures, increase in costs, environmental compliance and change in environmental legislation and regulation, weather delays and increased costs or production delays due to natural disasters, power disruptions, procurement and delivery of parts and supplies to the operations; uncertainties inherent to capital markets in general (including the sometimes volatile valuation of securities and an uncertain ability to raise new capital) and other risks inherent to the gold exploration, development and production industry, which, if incorrect, may cause actual results to differ materially from those anticipated by the Company and described herein. In addition, there are risks and hazards associated with the business of gold exploration, development, mining and production, including environmental hazards, tailings dam failures, industrial accidents and workplace safety problems, unusual or unexpected geological formations, pressures, cave-ins, flooding, chemical spills, procurement fraud and gold bullion thefts and losses (and the risk of inadequate insurance, or the inability to obtain insurance, to cover these risks). Accordingly, readers should not place undue reliance on forward-looking information.

The forward-looking information set forth herein reflects the Company's reasonable expectations as of the day immediately preceding Jaguar's notice to the TSX and is subject to change after such date. The Company disclaims any intention or obligation to update or revise any forward-looking information, whether as a result of new information, future events or otherwise, other than as required by law. The forward-looking information contained in this news release is expressly qualified by this cautionary statement.

This news release shall not constitute an offer to sell or the solicitation of an offer to buy nor shall there be any sale of the securities in any State in which such offer, solicitation or sale would be unlawful. The securities being offered have not been, nor will they be, registered under the United States Securities Act of 1933, as amended, and may not be offered or sold in the United States absent registration or an applicable exemption from the registration requirements of the United States Securities Act of 1933, as amended, and applicable state securities laws.