

PRESS RELEASE

February 19, 2016 For Immediate Release 2016-02 TSX-V: JAG

Jaguar Mining Announces Senior Management Changes

Toronto, Canada – February 19, 2016 – Jaguar Mining Inc. ("Jaguar" or the "Company") (TSXV: JAG) today announced that, effective immediately, Hashim Ahmed, Vice President of Finance, has been appointed Interim Chief Financial Officer. Derrick Weyrauch, Chief Financial Officer, has stepped down to pursue other opportunities. Mr. Ahmed will oversee Jaguar's accounting functions and financial controls until the Company completes its search for a new permanent Chief Financial Officer.

"With a strong background in finance in the mining sector, Hashim has a valuable understanding of our Company and I am confident he is the right leader to take on the role of Interim CFO as we initiate our search for a permanent CFO," stated Rodney Lamond, President and Chief Executive Officer of Jaguar Mining. "On behalf of the Board and myself, I want to thank Derrick for his contributions to Jaguar Mining over the past three years. We wish him well in his future endeavors."

The Company has initiated its search for a new Chief Financial Officer and continues to be led by Rodney Lamond, Chief Executive Officer. Mr. Lamond is a seasoned mining professional and engineer with more than 27 years of experience in mine operations, development, exploration and executive management.

About Jaguar Mining Inc.

Jaguar is a gold producer with mining operations in a prolific greenstone belt in the state of Minas Gerais, Brazil. Additionally, Jaguar wholly owns the large-scale Gurupi Development Project in the state of Maranhão, Brazil. In total, the Company owns mineral claims covering an area of approximate 197,000-hectares. Additional information is available on the Company's website at www.jaguarmining.com.

FOR FURTHER INFORMATION PLEASE CONTACT:

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FORWARD-LOOKING STATEMENTS

Certain statements in this press release constitute "Forward-Looking Statements" within the meaning of the U.S. Private Securities Litigation Reform Act of 1995 and applicable Canadian securities legislation. Forward-looking statements include, but are not limited to, management's assessment of Jaguar's future plans and operation. 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. In this news release, information contained in forward-looking statements is based on current expectations that involve a number of known and unknown risks and uncertainties, including, among others, uncertainties with respect to the availability of qualified personnel or management and uncertainties inherent to capital markets in general, which, if incorrect, may cause actual results to differ materially from those anticipated by Jaguar and described herein.

For additional information with respect to these and other factors and assumptions underlying the forward-looking statements made in this news release, see the Company's most recent annual information form and 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 <u>www.sedar.com</u>. The forward-looking statements set forth herein reflect Jaguar's expectations as at the date of this news release and is subject to change after such date. The Company disclaims any intention or obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise, other than as required by law. The forward-looking statements contained in this news release are expressly qualified by this cautionary statement.

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