



April 2018

Dear Shareholders,

Invitation to Attend Annual General Meeting

On behalf of the Board of Directors, the management team and employees of Jaguar Mining Inc. ("Jaguar" or the "Company"), we invite you to attend the Annual General Meeting of Shareholders, which will take place at 10:00 a.m. EDT, **Tuesday, June 5, 2018** at the offices of Miller Thomson LLP located at **Scotia Plaza, 40 King Street West, Suite 5800, Toronto, Ontario M5H 3S1**. The Annual General Meeting is your opportunity to hear first-hand about your Company's performance in 2017; to meet with the Board of Directors, Senior Management and fellow shareholders and to vote in person on the items of business, which are set out in the Management Information Circular, contained in this information package. We encourage you to read the attached Management Information Circular as it describes who can vote, how to vote and what the Annual General of Shareholders will cover. It also provides information on each of our director nominees, outlines our compensation practices and provides information regarding our corporate governance practices and the Board of Directors' role and responsibilities. If you are unable to attend the meeting in person, we encourage you to vote your common shares by any of the means available to you as described in the Management Information Circular and proxy form.

Additional documentation and information concerning the Company is available on our website at www.jaguarmining.com and on SEDAR at www.sedar.com.

Sincerely,

"Rodney D. Lamond"

President and Chief Executive Officer

Jaguar Mining Inc.