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PRESS RELEASE

Jaguar Announces Changes to the Board of Directors and Management

2016-15

TSX-V: JAG

Toronto, Canada, June 24, 2016 - Jaguar Mining Inc. ("Jaguar" or the "Company") (TSX-V: JAG) is pleased to announce the appointments of John Ellis and Robert Getz to its Board of Directors as independent, non-executive directors, while Jared Hardner has stepped down as Director on the Board, effective today. Additionally, the Company is pleased to announce the appointment of Hashim Ahmed as Chief Financial Officer, who was previously serving as Interim Chief Financial Officer of the Company.

Richard Falconer, Chairman of Jaguar commented, "On behalf of the Board of Directors and management, I would like to welcome John Ellis and Robert Getz to the Jaguar Board. Their leadership and experience, along with successful track records within the mining industry, makes them ideal candidates for our Board. The addition of Mr. Ellis and Mr. Getz will further strengthen and broaden Jaguar's leadership team. I would also like to thank Jared Hardner for his support as he has contributed significantly to Jaguar and its shareholders through his role as a non-executive Director since 2014."

John Ellis is a Professional Engineer with over 50 years of experience in the mining industry. He currently serves as a Director for International Tower Mines and for Sunshine Silver Mines Corporation. He also consults for a number of international mining companies. Mr. Ellis previously served as a Director for Mexivada Mining Corp. and was Chairman and CEO of AngloGold North America and Hudson Bay Mining and Smelting Company. Prior to that, he held senior positions at Inspiration Resources Corp., and CVRD-Inco. His career has included service as a Director on the Mining Association of Canada and the National Mining Association. Mr. Ellis graduated from the Haileybury School of Mines and the Montana College of Science and Technology.

Robert Getz brings over 25 years of experience as a private equity investor and has strong experience in international mergers and acquisitions and public and private debt and equity financings. Mr. Getz has invested in and served as a Director in numerous companies, including many metals and mining companies. He currently serves as a Director of Haynes International, Inc., a developer and producer of specialty nickel alloys. Mr. Getz previously served as Chairman of the Board of Crocodile Gold Corp., a gold exploration and mining company with operations in Australia, prior to the company's successful merger with Newmarket Gold in July 2015. Mr. Getz subsequently served as a Director of Newmarket Gold Inc. until May 2016. Mr. Getz holds a Bachelor of Arts, cum laude, from Boston University, and a Master of Business Administration in Finance from the Stern School at New York University.

Rodney Lamond, President and Chief Executive Officer of Jaguar commented, "We are pleased to announce the appointment of Hashim Ahmed as our Company's Chief Financial Officer. Hashim's substantial contribution as Interim Chief Financial Officer along with his experience and financial knowledge makes him an excellent fit for this role."

Hashim Ahmed, Chief Financial Officer, brings over 19 years of experience, including 10 years of experience in the mining industry, with expertise in financial management, strategic planning, cost control, corporate turnaround, and business process improvement. He obtained his Chartered Accountant designation with PriceWaterhouseCoopers LLP and later worked with Ernst & Young LLP in their mining advisory practice. Mr. Ahmed joined Jaguar in August 2014, after working at Barrick Gold Corporation for over seven years in corporate finance. In February 2016, Mr. Ahmed was appointed Interim Chief Financial Officer of Jaguar.

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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 covering an area of approximate 191,000 hectares. The Company's principle operating assets are located in a prolific greenstone belt in the state of Minas Gerais and include the Turmalina Gold Mine Complex ("Mineração Turmalina Ltda" or "MTL") and Caeté Gold Mine Complex ("Mineracao Serras do Oeste Ltda" or "MSOL") which combined produce more than 90,000 ounces of gold annually. The Company also owns the Paciência Gold Mine Complex, which has been on care and maintenance since 2012. Additional information is available on the Company's website at www.jaguarmining.com.

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