



MacDonald Mines Exploration Ltd.

MacDonald Mines Exhibiting at PDAC 2018

Toronto, Ontario - February 20, 2018 - MacDonald Mines Exploration Ltd. (TSX-V: BMK) ("MacDonald Mines", the "Company", or "BMK") will be exhibiting at the upcoming 2018 Prospectors and Developers Association of Canada (PDAC) International Conference.

Members of MacDonald's management team would like to invite current shareholders, potential investors, analysts, brokers and interested parties to visit **booth 2512** in the Investor Exchange to learn more about the Company's Wawa-Holdsworth Gold Project, recent results, and the on-going exploration program.

The 2018 PDAC Investor Exchange is being held March 4 to 7, 2018 at the Metro Toronto Convention Centre - South Building. The show runs from 10:00am to 5:00pm Sunday (March 4) to Tuesday (March 6), and 9:00am to 12:00pm on Wednesday (March 7).

Wawa-Holdsworth Project Update

The previously announced 1,000 m diamond drilling program of the bedrock underlying the Oxide Sands has been completed (over 1,100m). This was undertaken to quantify the gold content of the geological unit(s) from which the Oxide Sands are believed to be forming the oxidized cap. Initial assay results from the diamond drilling are expected in the coming weeks.

Appointment of new CFO

MacDonald Mines is pleased to announce that Petra Decher, CPA, CA has been appointed Chief Financial Officer effective immediately.

Ms. Decher is a finance executive with over fourteen years experience in the mining industry. She has a deep understanding of public reporting, corporate governance, and investor relations. Ms. Decher was the Vice President, Finance and Assistant Secretary for Franco-Nevada Corporation from 2009 to 2016 and served as a Director at Integra Gold. Petra is a Chartered Accountant. She completed her Bachelor of Commerce degree at Concordia University, her Diploma in Accounting at McGill University and articulated at Richter Usher Vineberg (now Richter).

Ms. Decher replaces Joe Heng, CA, who served as the Company's Interim Chief Financial Officer since October 2015.

In connection with her appointment, Ms. Decher had been granted Stock Options on 300,000 shares of the Company's capital stock, exercisable up to three (3) years at a price of \$0.075 per share. The options are granted pursuant to the Company's Stock Option Plan and will be subject to applicable regulatory hold periods.

About MacDonald Mines Exploration Ltd.

MacDonald Mines Exploration Ltd. is a mineral exploration company headquartered in Toronto, Ontario focused on gold exploration in Canada. The Company has built a portfolio of safe-jurisdiction, infrastructure-rich projects that demonstrate the greatest market potential for return. The Company is aggressively advancing its highly prospective Wawa-Holdsworth Gold Project.

The Company's common shares trade on the TSX Venture Exchange under the symbol "BMK".

To learn more about MacDonald Mines, please visit www.macdonaldmines.com

For more information, please contact:

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Cautionary Statement:

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No stock exchange, securities commission or other regulatory authority has approved or disapproved the information contained herein. The foregoing information may contain forward-looking statements relating to the future performance of the Company. Forward-looking statements, specifically those concerning future performance, are subject to certain risks and uncertainties, and actual results may differ materially from the Company's plans and expectations. These plans, expectations, risks and uncertainties are detailed herein and from time to time in the filings made by the Company with the TSX Venture Exchange and securities regulators. MacDonald Mines does not assume any obligation to update or revise its forward-looking statements, whether as a result of new information, future events or otherwise.