

News Release

MURCHISON PROVIDES EXPLORATION AND CORPORATE UPDATE

Murchison Minerals Ltd. – February 21, 2017 (CSE – MUR) ("Murchison" or the "Company") is pleased to provide a project update on its Brabant-McKenzie project (the "Project") located in North Central Saskatchewan. The Company has commenced its drill program on the Project. As previously announced (See Press Release January 19, 2017), the drill program is estimated to be approximately 5,000 m. The program's focus is to expand the tonnage of the Brabant-McKenzie deposit (the "Deposit"). The Company is utilizing two drill rigs and the program is expected to be completed by mid to late March.

The Company has also commenced a ground geophysical survey on the Project designed to follow up and confirm the results of the HeliSAM geophysics survey completed in December 2016. The ground geophysics will utilize a deep penetrating SQUID electromagnetic survey system in order to provide better definition of Anomalies C and D located approximately 1.4 kilometres southwest and 1.0 kilometre south, respectively, of the Deposit. The focus of the survey is to better define Anomalies C and D in order to drill test the anomalies.

Joseph Hasabumutima, director for Murchison, has resigned from the Board effective immediately. Joseph was a key member of the Board with both Murchison and its subsidiary company, Flemish Gold Corp. during the Company's activities in Africa. The Board and Management thank Joseph for all of his contributions in helping advance Murchison's interests both in Africa and Canada and wish him well in his future endeavors.

About Murchison Minerals

Murchison Minerals Ltd. is a Canadian based exploration company with a diversified portfolio of properties, including the Brabant-McKenzie Zinc-Copper deposit in north-central Saskatchewan, the HPM Nickel/Copper/Cobalt project in Quebec. Murchison also holds gold claims in the Pickle Lake area of northwestern Ontario.

Additional information about Murchison Minerals and its exploration projects can be found at www.murchisonminerals.com.

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All statements other than statements of historical fact, included in this release, including, without limitation, statements regarding potential mineralization and reserves, exploration results, and future plans and objectives of the Company, are forward-looking statements that involve various risks and uncertainties. There can be no

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assurance that such statements will prove to be accurate and actual results and future events could differ materially from those anticipated in such statements. Important factors that could cause actual results to differ materially from the Company's expectations are exploration risks detailed herein and from time to time in the filings made by the Company with securities regulators.