



MGX Minerals Announces Exploration for Nuclear and Space Metals at GC Lithium - Caesium – Tantalum –Rubidium Project, British Columbia

VANCOUVER, October 14th, 2021 / MGX Minerals Inc. (“MGX” or the “Company”) (CSE:XMG) (FKT:1MG) (OTC:MGXMF) announce exploration is planned at its 100% owned GC Lithium, Caesium, Tantalum (“LCT”), and Rubidium Property, located in southern British Columbia. The purpose of the planned exploration is to identify nuclear and space metals potential. In 2013, two rock samples (48193 and 48194) of the pegmatite dike assayed up to 0.111% caesium and greater than 0.2% lithium and rubidium, respectively (BC Assessment Report 34293). In 2015, rock sampling yielded values up to 1.72% lithium, 0.124% caesium and greater than 0.2% rubidium (BC Assessment Report 36579). The dike is known to be at least 65m in length and 3m to 6m wide.

Nuclear and Space Metals

Tantalum, niobium, titanium, and rubidium metals are generally known for their high melting point and ability to withstand extreme heat and have direct applications in nuclear and space flight. Caesium is a liquid metal similar to mercury and is currently used in space applications including as a propellant in small ion thrusters.

GC Project Geology

The claims are on the south flank of the Frenchman's Cap gneiss dome in the Shuswap Metamorphic Complex. Gneiss, quartzite, schist, calc-silicate rocks, minor marble and argillite are isoclinally folded with easterly trending structures. Folding and jointing are common with planes intruded by swarms of pegmatite and lamprophyre dikes. Locally, the area is underlain by calc-silicate metamorphic and paragneiss units of the Proterozoic to Lower Paleozoic Monashee complex. Granitic pegmatite bodies of the rare metal LCT (lithium-caesium-tantalum) variety occur on the GC Property. LCT pegmatites are known to contain anomalous levels of beryllium, niobium and tantalum. A 3m to 6m wide pegmatite dike of coarse-grained quartz, feldspar with black and pink tourmaline is hosted by a biotite (lepidolite) schist. Minor amounts of beryl and rose quartz are also reported. The pegmatite trends 062 degrees and has been followed for 65m..

LCT Pegmatites in Canada

LCT pegmatites are a petrogenetically defined subset of granitic pegmatites that are associated with certain granites. They consist mostly of quartz, potassium feldspar, albite, and muscovite. Common accessory minerals include garnet, tourmaline, and apatite. LCT pegmatite deposits can contain a number of elements, including lithium, cesium, tantalum and niobium. The most well-known granitic LCT pegmatite in Canada is the highly fractionated Tanco Pegmatite, located 180 km northeast of Winnipeg, Manitoba that consists of a subhorizontal saddle-shaped body measuring 1,500m long by 1,000 m wide by up to 100m thick that does not outcrop. Highly

fractionated pegmatite fields in northwestern Canada, including Little Nahanni Pegmatite Group and O'Grady batholith in the Northwest Territories, have only recently been discovered.

Exploration

MGX Minerals is planning to perform detailed geological mapping and geochemical sampling of the GC pegmatite, and subsequent core drilling in order to understand potential for tantalum, niobium, titanium, caesium and rubidium.

Qualified Person

Andris Kikauka (P. Geo.), Chief Executive Officer of MGX Minerals, has prepared, reviewed and approved the scientific and technical information in this press release. Mr. Kikauka is a non-independent Qualified Person within the meaning of National Instrument 43-101 Standards.

About MGX Minerals Inc.

MGX Minerals is a diversified Canadian resource and technology company with interests in advanced metals, industrial minerals, and energy technologies.

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Forward-Looking Statements

This press release contains forward-looking information or forward-looking statements (collectively, "forward-looking information") within the meaning of applicable securities laws. All statements, other than statements of historical fact, included herein are forward-looking information. Forward-looking information in this press release include, but are not limited to, statements with respect to holding the postponed Meeting, and the filing of an amended notice of meeting and record date for the postponed Meeting. Forward-looking information is generally, but not always, identified by the words "expects", "plans", "anticipates", "in the event", "if", "believes", "asserts", "position", "intends", "envisages", "assumes", "recommends", "estimates", "approximate", "projects", "potential", "indicate" and similar expressions, or that events or conditions "will", "would", "may", "could" or "should" occur.

The Company's forward-looking information are based on the applicable assumptions and factors the Company considers reasonable as of the date hereof, based on the information available to the Company at such time, including without limitation, the ability to host the postponed Meeting at a later date, and the ability to find a suitable location which can accommodate an in-person shareholders' meeting. The Company cautions investors that any forward-looking information provided by the Company is not a guarantee of future results or performance, and that actual results may differ materially from those in forward-looking information as a result of various risk factors. These factors include, among others, uncertainties arising from the COVID-19 pandemic, and general economic conditions or conditions in the financial markets. The reader is referred to the Company's public filings for a more complete

discussion of such risk factors, and their potential effects, which may be accessed through the Company's profile on SEDAR at www.sedar.com. Except as required by securities law, the Company does not intend, and does not assume any obligation, to update or revise any forward-looking information, whether as a result of new information, events or otherwise.