

Germanium Mining Corp. Announces Exploration Program as Demand for Critical Metals Accelerates

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[Germanium Mining Corp.](#) ("GERMANIUM MINING", "GMC", OR THE "COMPANY") (CSE: GMC; OTCQB: EMSKF; FSE: 1130) is pleased to announce the planning of a new exploration program as global demand for germanium and other critical metals continues to accelerate.

Recent developments underscore germanium's growing strategic importance. The U.S. Department of Defense has initiated a \$1 billion program to stockpile critical minerals, including germanium, to reduce reliance on Chinese supply chains, while on October 13, 2025, JPMorgan Chase & Co. announced a 1.5 trillion dollar ten-year initiative to finance industries essential to national security, such as critical metals, semiconductors, and advanced manufacturing.

These actions mark a significant shift toward securing North American sources of key materials like germanium, an element vital to semiconductors, fiber optics, infrared imaging, and clean energy technologies. For Germanium Mining, this policy and investment momentum provides strong tailwinds, reinforcing the company's strategic vision to advance its exploration portfolio and establish itself as a leading Canadian participant in the rapidly expanding critical minerals sector.

The Property

Germanium Mining's Lac du Km 35 Germanium Property is approximately 40 km east of the mining town of Chibougamau in the Nord-du-Québec region of Québec and offers excellent access via Highway 167 and a main logging road that crosses the property.

The Property comprises the prominent Faribault Shear Zone ("FSZ"), oriented east-southeast, and located towards the eastern part of the Property. The FSZ dips to the south-southwest and ends to the Grenville Front which extends southwest-northeast for several hundreds of kilometres. The FSZ is a key structural feature that may connect with other permeable zones at depth, acting as a preferential conduit for hydrothermal fluids.

Discovered by government geologists in 1998 and never followed up, the Laganière germanium showing consists of a peridotite outcrop within the Laganière gneissic Complex that comprises amphibolites and hornblende and biotite gneisses. The Laganière showing returned a value of 0.02% (186 ppm) germanium and is currently the highest germanium value ever reported from an outcrop in the province of Québec.

The Laganière germanium showing lies beside the main lumber road and immediately adjacent to the south to a cluster of electromagnetic anomalies of roughly 400 m x 400 m in size that were never tested. The Laganière germanium showing is also 450 m northeast of the FSZ, 800 m from the southern margin of the Duberger felsic pluton and approximately 2 km to the west of the Grenville Front. The area between the FSZ and the Laganière Germanium showing, including the never tested cluster of electromagnetic anomalies, will be the main focus of GMC.

Work Program

To fully unfold its germanium potential, the Property will be covered by a highly sensitive magnetic and electromagnetic airborne survey due to the possibility that germanium could be associated to often lower conductivity silver-zinc mineralization.

This survey will also aim to identify possible additional shear zones and electromagnetic anomalies. Moreover, a remote sensing study encompassing the whole Property will be undertaken for confirming existing and possible newly outlined magnetic features. The remote sensing study will also provide a general structural framework in relation to nearby intrusions and the Grenville Front. It is expected that both airborne survey and remote sensing study could be completed early in 2026.

A detailed and comprehensive rock sampling and assaying program would follow in the upcoming Summer of 2026. Most, if not all features of interest such as shear zones, magnetic and electromagnetic anomalies, will be verified on the field as early as possible. The immediate area of the Laganière showing will be prospected thoroughly. Assay results would allow GMC to deliver diamond drill targets that could be tested in the Fall of 2026.

About Germanium

Germanium is a hard, greyish and brittle metalloid. Germanium has many growing applications in electronics and solar, in fiber optics, and Infrared optics for civil and military uses. Germanium is in the list of critical metals in Canada, the United States and the European Union.

Since December 3, 2024, China, the largest producer of refined germanium, has banned germanium exports to the United States. Germanium is not an openly traded commodity and recent spot prices have germanium over US\$5,000 per kilogram.

The Company cautions that the geological information provided in this news release is of historical nature and mineralization may not be representative of mineralization on the Lac du Km 35 Property.

Benoit Moreau, P.Eng., a qualified person as defined by National Instrument 43-101, and vice-president of exploration for Germanium Mining Corp., is responsible for the technical information contained in this news release.

Stock Options

The Company further announces the grant of stock options pursuant to the Company's stock option plan to directors, officers and consultants of the Company to purchase up to an aggregate of 800,000 common shares at an exercise price of \$1.00 per common share. 500,000 common shares issuable upon the exercise of the options granted to directors, officers and consultants will not be subject to a customary hold period, as permitted by prospectus exemption 2.24 of NI 45-106 in regard to the issuance of the options and remain subject to CSE approval and will have a six month term. The balance of 300,000 common shares issuable upon the exercise of the options granted to directors, officers and consultants will be subject to a hold period of four months and one day commencing on the date of option grant and will have a 12 month term.

About Germanium Mining Corp.

Germanium Mining is a publicly traded exploration company focused on the development of highly prospective, discovery-stage mineral properties located in Canada.

Make sure to follow the Company on Twitter, Instagram and Facebook as well as subscribe for Company updates at <http://www.muskmembers.ca/>

ON BEHALF OF THE BOARD

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FORWARD-LOOKING STATEMENTS

This news release contains forward-looking statements. All statements, other than statements of historical fact that address activities, events, or developments that the Company believes, expects or anticipates will or may occur in the future are forward-looking statements. Forward-looking statements in this news release include, but are not limited to, statements regarding the intended use of proceeds of the Offering and other matters regarding the business plans of the Company. The forward-looking statements reflect management's current expectations based on information currently available and are subject to a number of risks and uncertainties that may cause outcomes to differ materially from those discussed in the forward-looking statements including that the Company may use the proceeds of the Offering for purposes other than those disclosed in this news release; adverse market conditions; and other factors beyond the control of the Company. Although the Company believes that the assumptions inherent in the forward-looking statements are reasonable, forward-looking statements are not guarantees of future performance and, accordingly, undue reliance should not be put on such statements due to their inherent uncertainty. Factors that could cause actual results or events to differ materially from current expectations include general market conditions and other factors beyond the control of the Company. The Company expressly disclaims any intention or obligation to update or revise any forward-looking statements whether as a result of new information, future events or otherwise, except as required by applicable law.

The Canadian Securities Exchange (operated by CNSX Markets Inc.) has neither approved nor disapproved of the contents or accuracy of this press release.

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