Quantum Discovers Evidence of Mafic-Ultramafic Rocks at NMX East, QC

written by Raj Shah | August 14, 2025

August 14, 2025 (Source) – Quantum Critical Metals Corp. (TSX.V: LEAP | OTCQB: ATOXF | FSE: 86A1) ("Quantum" or the "Company") is pleased to announce it has received an optical mineralogy report on two hand samples collected from metric angular blocks on its NMX East Project in Northern Québec. The report, prepared by PMC Laboratory, documents the mineralogical characteristics of two samples identified as metamorphosed mafic-ultramafic intrusive rocks. This new information is consistent with the Company's understanding that its NMX property is related to the Bande du Lac des Montagnes ("BLM") formation. The BLM formation east from the property contain the Ni-PGE mineralization that are intercepted by Power Metallic Mines Ltd. (TSXV-PNPN).

A recent field visit confirmed a 1 km long, east-west trending amphibolite boulder field with angular, metric-scale blocks. This trend is associated with a magnetic anomaly. Further exploration will be conducted to confirm this.

The NMX East Project is in the continuity of the Power Metallic Mines Ltd. (TSXV-PNPN) property near the Nisk deposit which contains lithium and Ni-PGE. The Nisk deposit is held by Power Metallic and is hosted within the Bande du Lac des Montagnes ("BLM"), (*a volcano-sedimentary belt that includes paragneiss, orthogneiss, amphibolite, and mafic volcanic rocks*). The Nisk deposit mineralization is found within an elongated ultramafic body. This ultramafic intrusion is a layered mafic-ultramafic complex comprising pyroxenite, peridotite, and serpentinized dunite. The mineralized zone at the base of the serpentinized

dunite is characterized by semi-massive to massive sulphide accumulations, which are typical of magmatic Ni-Cu-Co-PGE systems.

Next Steps

It is recommended that Quantum conduct a very high-resolution magnetic and EM-VLF survey on the NMX East Project with advanced laser magnetometer sensors, which are more accurate and smaller than existing magnetic sensors and allow for lower-height flights and the measurement of shorter anomaly wavelengths that are typically not visible in traditional surveys.

Qualified Person

George M. Yordanov, P.Geo., a consultant to the Company, is the Qualified Person who has reviewed and approved the scientific and technical disclosure in this news release.

CEO Marcy Kiesman stated:

“Verification of the presence of mafic-ultramafic rocks at surface on the NMX East Property is great news for Quantum shareholders. It appears that the rock formation could be associated with the BLM Group which is step one for ultramafic rock potential in the southern half of the property. We are in the process of expediting an EM-VLF survey on the property to further investigate Ni-PGE potential at NMX East.”

About Quantum Critical Metals Corp.

Quantum Critical Metals Corp. (TSX.V: LEAP) (OTCQB: ATOXF) (FSE: 86A1) is a Canadian mineral exploration company focused on advancing critical metals projects that power next-generation technologies. With a growing portfolio of promising assets—including the NMX East Gallium-Rubidium-Cesium Project in Québec, the Discovery Gallium-Rubidium-Cesium and polymetallic

project in Québec, the Victory Antimony Project in British Columbia, and the newly acquired Prophecy Germanium-Gallium-Zinc Project in British Columbia, among others, the Company is strategically positioned to support the West's transition to a secure and sustainable critical metals supply.

To stay updated on Quantum's latest developments, sign up for our mailing list and visit www.quantumcriticalmetals.com and www.sedarplus.com.

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