

Quantum Completes Site Visit at NMX East, Quebec

written by Raj Shah | August 12, 2025

August 12, 2025 ([Source](#)) – Quantum Critical Metals Corp. (TSX.V: LEAP | OTCQB: AT0XF | FSE: 86A1) (“Quantum” or the “Company”) is pleased to announce that it has successfully completed a site visit to its wholly owned NMX East project, located in the Eeyou Istchee James Bay region of Québec.

The focus of the site visit was to assess the southeastern portion of Quantum’s NMX East claims for potential mafic outcrops and to investigate the magnetic high identified by Québec government geophysics. The area had not previously been examined during earlier pegmatite focused exploration. (see Figure 1, black circled area). Geological mapping and sampling were conducted, and selected samples are being analyzed to determine if an ultramafic rock package with the potential of hosting critical minerals is present.

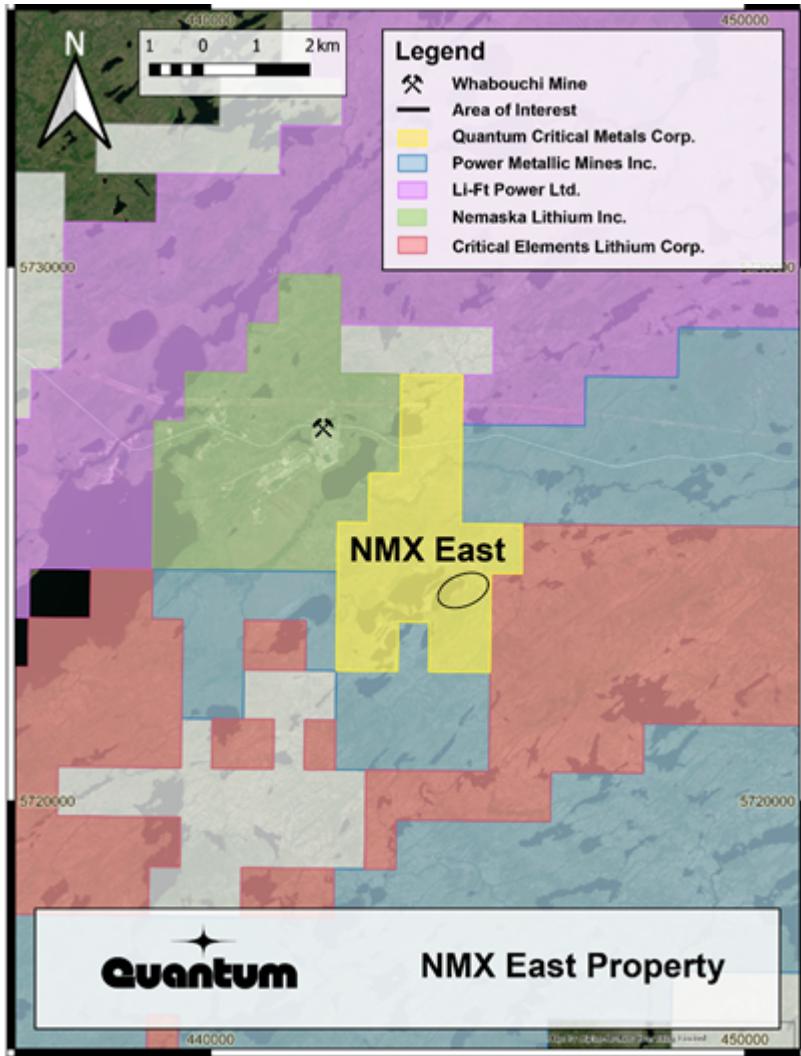


Figure 1. NMX East Project Claims area

The site is strategically located near Power Metallic Mines Inc. (TSXV-PNPN) which announced a recently expanded land position near its Nisk-Lion-Tiger polymetallic discoveries. On June 9th, 2025, a land acquisition of 167 km² from Li-FT Power Ltd. (TSXV-LIFT) highlighted the regional development and underscores the broader area's potential for polymetallic exploration. [Power Metallic Acquires 167KM² from Li-FT Power, Expanding Nisk – Lion Polymetallic Project Area by over 300%](#)

CEO Marcy Kiesman emphasized Quantum's unique advantage:

"We're pleased to have both confirmed pegmatite-hosted mineralization in the north and promising signs of ultramafic

rock potential in the southern part of the property. While it's still early days, having more than one type of mineral system on the same project could increase our chances of making a meaningful discovery. We're looking forward to the lab results to help guide our next steps."

Quantum key developments on NMX East to date:

- Significant Critical Metals Discoveries**

A detailed reassessment of drill core assays from both Québec projects has confirmed elevated and consistent intervals of **gallium, rubidium, cesium, niobium, and tantalum**. These results support the identification of two distinct gallium-rubidium-cesium mineralized systems within the Company's portfolio.

- Early Metallurgical Focus to Accelerate Recovery Assessment**

Quantum is prioritizing mineralogical and metallurgical studies ahead of a formal resource estimate to evaluate the **economic viability of metal recovery**. This proactive approach aims to fast-track development and position the Company at the forefront of critical metal supply efforts in North America.

- Innovative Gallium Recovery from Mica**

Initial findings suggest gallium may be hosted in **mica**, a non-traditional source. While gallium is typically extracted as a byproduct of bauxite or zinc processing, historical studies show it can be **recovered** from mica using processing methods like **floatation**, followed by **hydrometallurgy acid**

leaching techniques. The Company is engaging multiple laboratories to optimize this process.

- Strengthening Domestic Supply Chains**

In light of **China's December 2024 ban on gallium exports**, Quantum's discoveries represent a timely and strategic opportunity to support **North American critical mineral independence**. These metals are essential for high-tech applications, including semiconductors, telecommunications, defense, and renewable energy.

About Quantum Critical Metals Corp.

Quantum Critical Metals Corp. (TSX.V: LEAP) (OTCQB: AT0XF) (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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