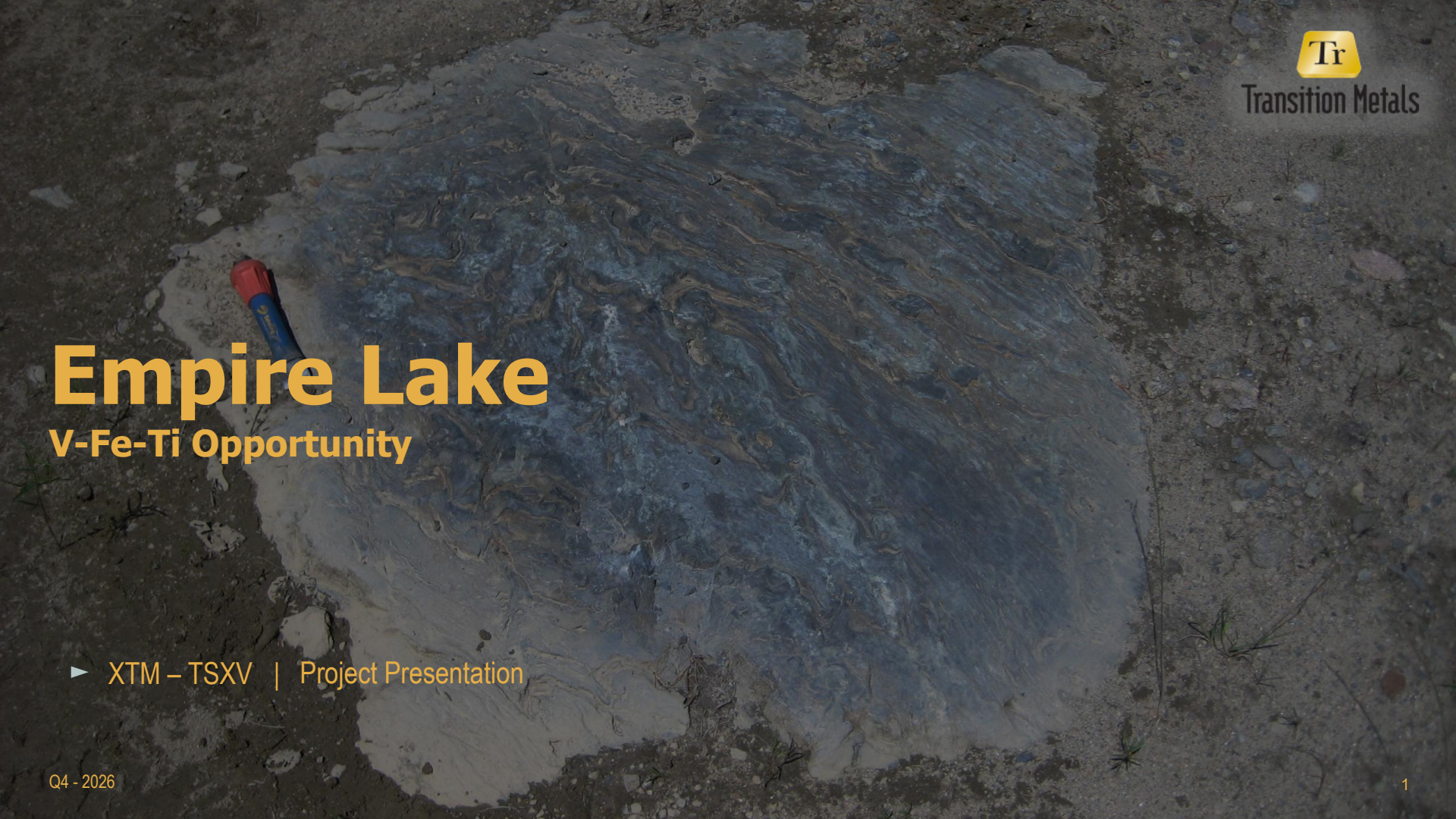




Empire Lake

V-Fe-Ti Opportunity

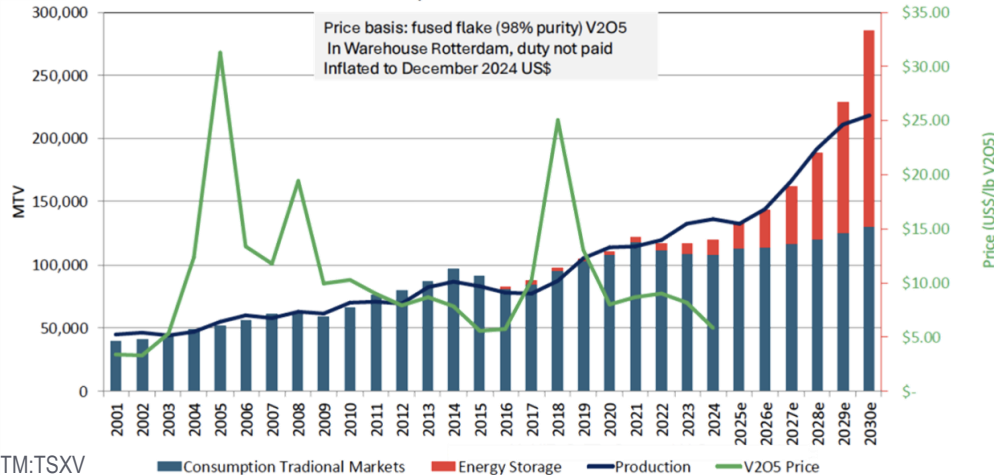
► XTM – TSXV | Project Presentation

Vanadium Markets

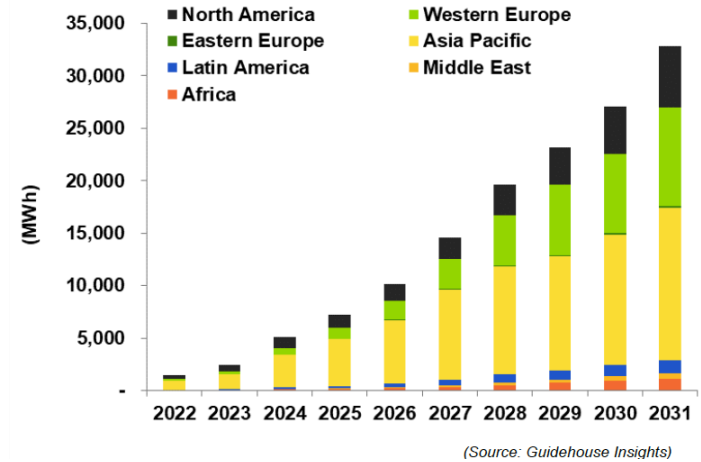
Market Drivers & Trends (to 2030)

- **Steel Demand Stability:** Continued demand for high-strength, low-alloy (HSLA) steel
- **Energy Storage Revolution:** Vanadium redox flow batteries (VRFBs) are emerging major market drivers for grid-scale energy storage.
 - Projections suggesting VRFB demand could double current annual vanadium production by 2030.

V Consumption and Production



Annual Installed VRFB Utility-Scale and Commercial and Industrial Battery Deployment Energy Capacity by Region, All Application Segments, World Markets: 2022-2031



- **Key Players & Regions:** China is expected to lead in both production and consumption.
- **Key Risk:** The market is prone to significant price volatility due to supply concentration in China, Russia, and South Africa.

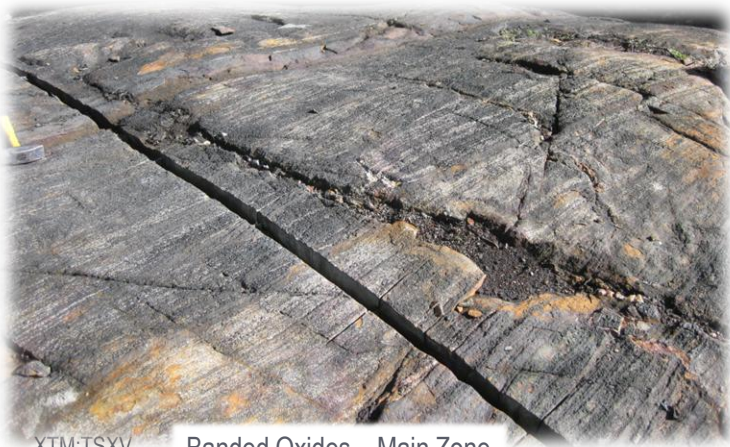
Empire Lake Property

Location & Access

- Located approximately 160 km northwest of Thunder Bay, Ontario, within the Thunder Bay Mining District
- Accessible via Graham Lake Road, approximately 75 km north of the Trans-Canada Highway (Highway 17)
- Excellent year-round road access, supporting efficient exploration and logistics

Project Overview

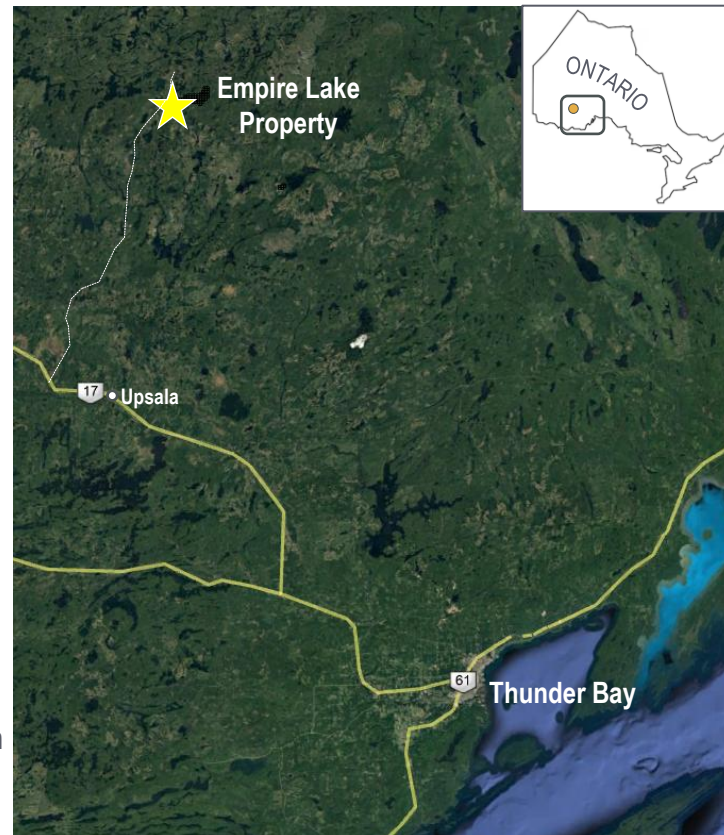
- Comprises **97 single-cell mining claims** staked in 2026, encompassing an area of **~2,027 hectares**



XTM:TSXV

Banded Oxides – Main Zone

- Targets a large regional magnetic anomaly associated with an underexplored mafic intrusion
- Represents a **highly prospective, district-scale exploration opportunity** with significant upside

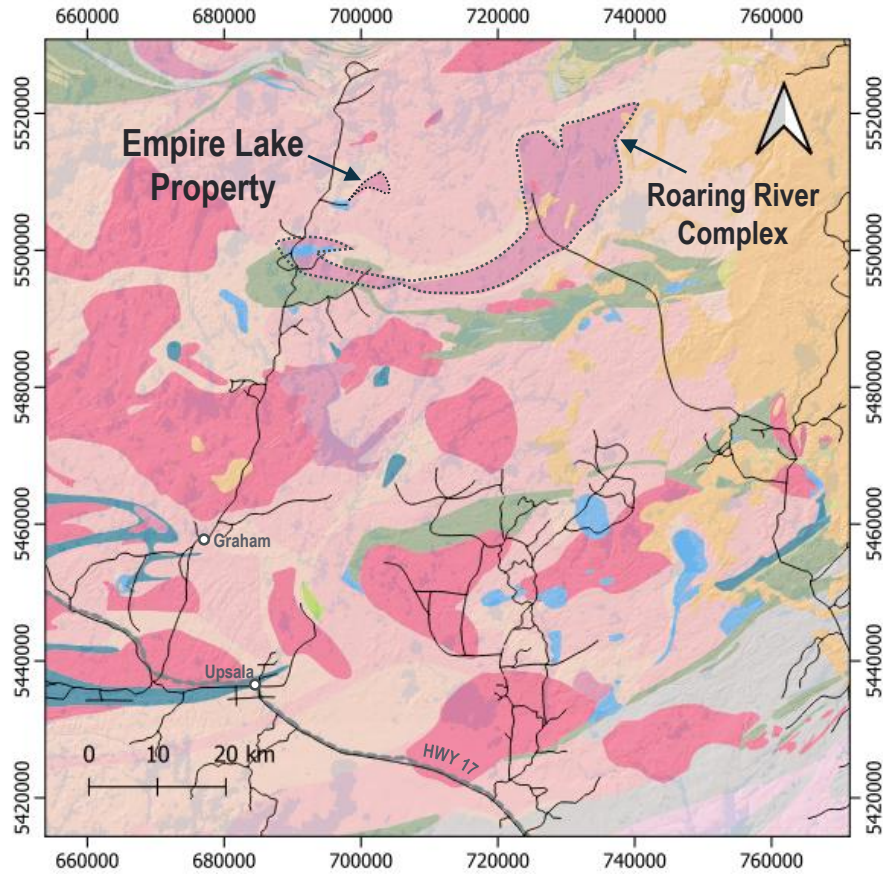


Regional Geology

Favourable Setting for Mineralization



Transition Metals



- Located within the **central Wabigoon Subprovince**, the region comprises predominantly Neoproterozoic rocks (~3.0–2.7 Ga), with evidence of older Mesoproterozoic crustal components.
- The Empire Lake Property is interpreted to be part of the **Roaring River Intrusive Complex (RRC)**, a large magmatic system.
- The RRC forms a ~70 km long, 1–15 km wide intrusive body composed of diorite to granodiorites (locally monzodiorite to quartz monzodiorite) with sanukitoid affinity.
- Sanukitoid magmatism reflects mantle-derived melts interacting with crust, typically linked to late-stage tectonic evolution and crustal growth.
- Geological setting is considered **prospective for base and precious metal mineralization**, particularly in intrusion-related systems.



Folded Banded Oxides – Main Zone

Regional Magnetics

Empire Lake Area

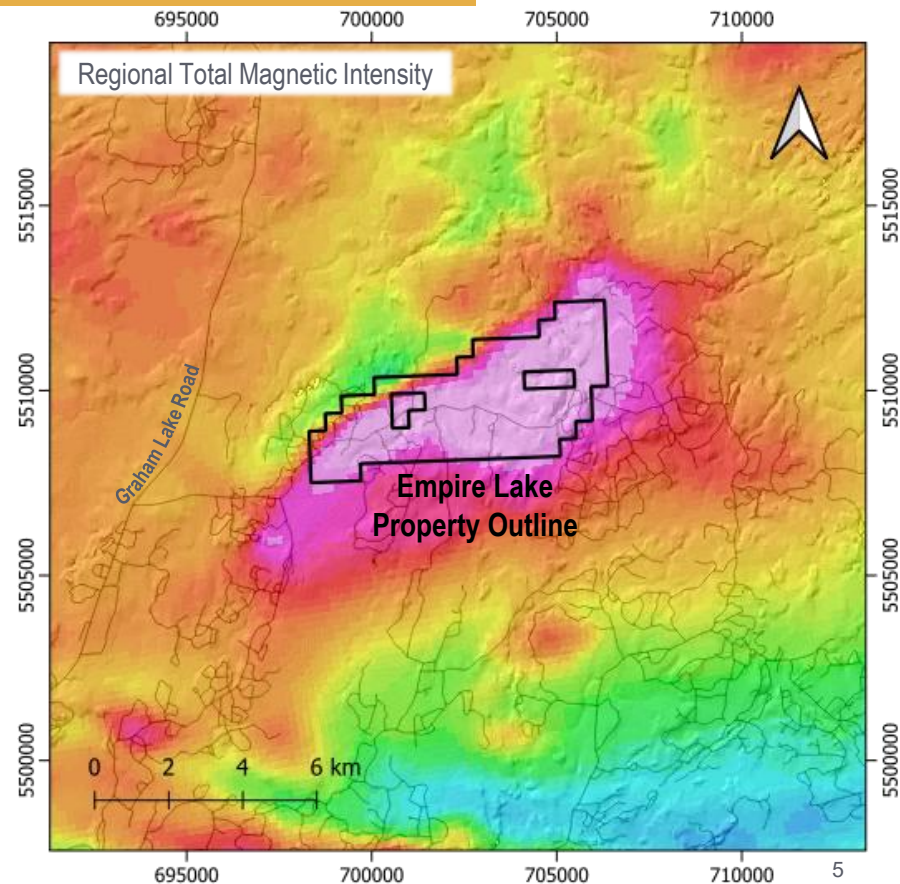


Transition Metals

- The Empire Intrusion is expressed as a large magnetic anomaly, measuring $\sim 13 \times 4$ km and trending NE-SW.
- No modern detailed airborne geophysics have been completed over the property, only regional work.



Disseminated oxides in diorite



Work History

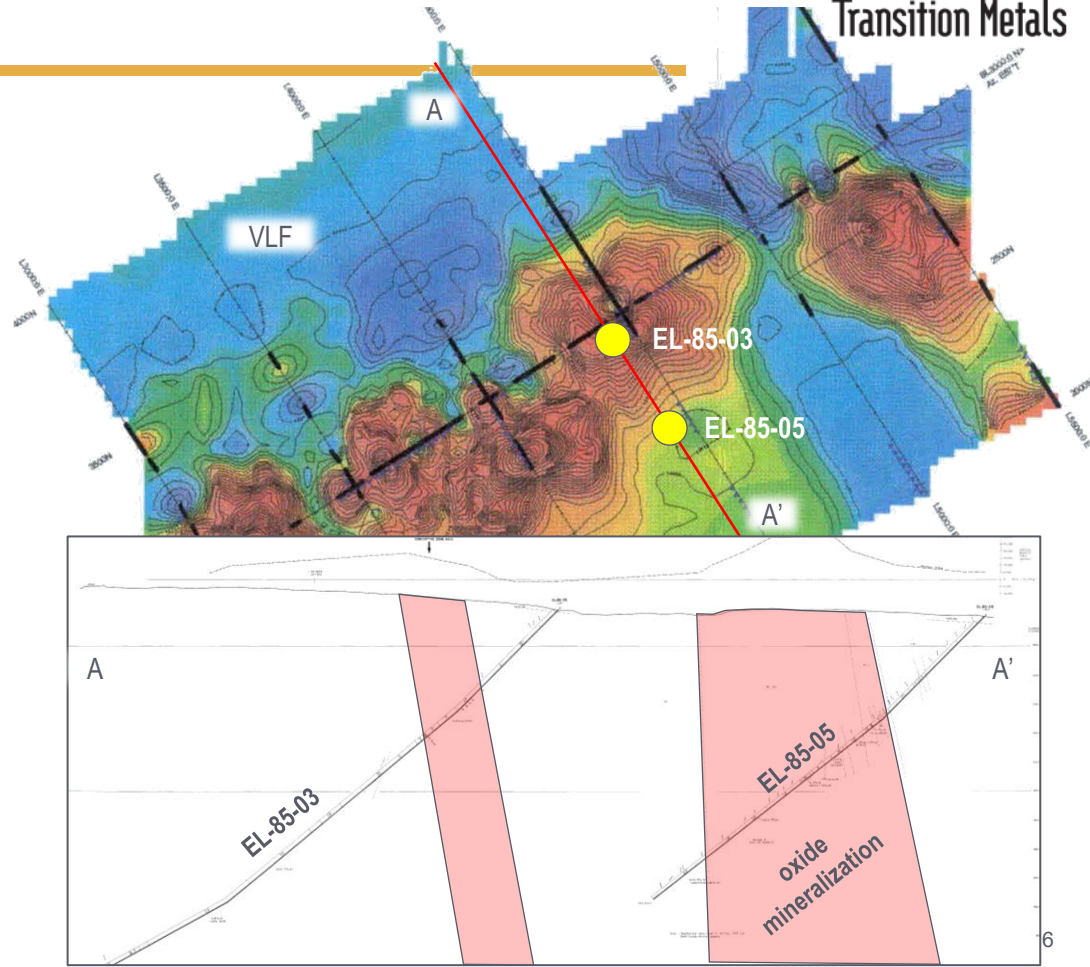
A Brief Summary



Transition Metals

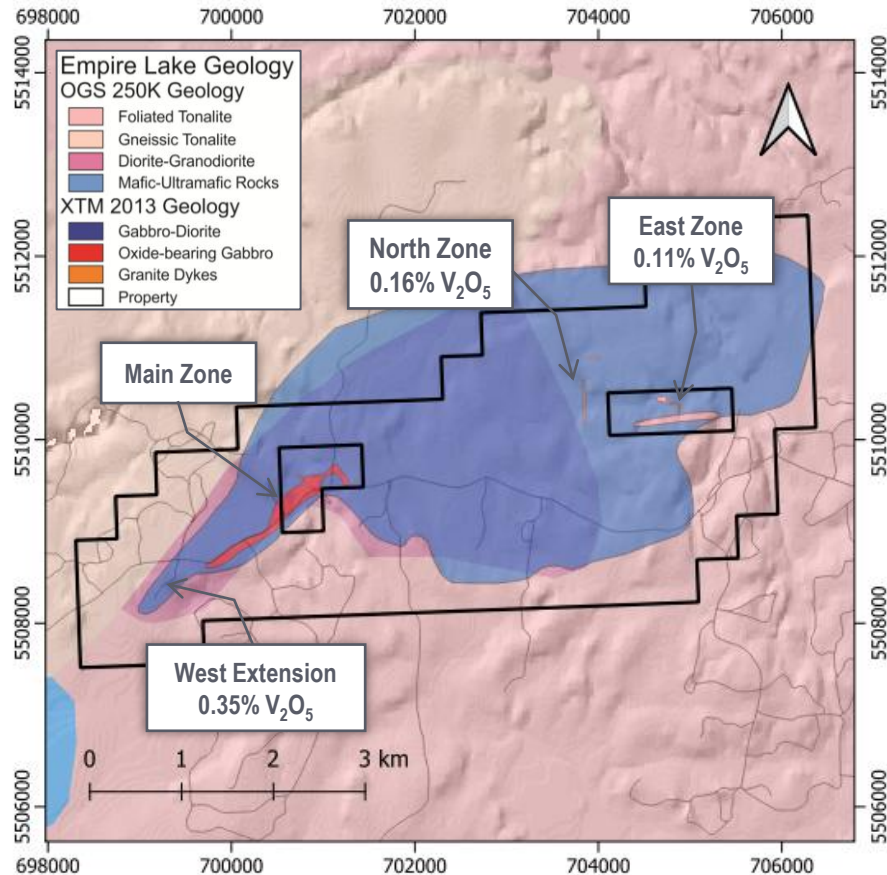
The Property has seen limited historic exploration work:

- **1979-1980: Beth Canada**
 - ground magnetics, VLF, and 2 DDH (124m)
 - No assays reported.
- **1985: Fred Martinson**
 - 6 DDH (880m), with no assays reported
 - However, **EL-85-05** reported a 52m zone of high-grade **oxide mineralization**
- **2012-2014: HTX Minerals**
 - Initially investigated for PGMs.
 - Ground mapping, prospecting and channel sampling.
- Identified **consistent oxide mineralization** expressed over a strike length of **1,800m** and **50-170m** wide.



Local Geology

Ferrogabbro-Hosted V-Fe-Ti Mineralization



- Country rock is dominated by massive to gneissic tonalite.
- The **Empire Lake Intrusion** is comprised of four units:
 - Gabbro, Hornblende Gabbro, Diorite, and **Ferrogabbro**
- The Main Zone measures 1,800m by 50-170m wide.
 - Consists of disseminated to banded (1-50cm thick) oxide mineralization, comprised of primarily magnetite and ilmenite.
 - Grab samples up to **0.55% V_2O_5** , 53.5% Fe_2O_3 and 4.29% TiO_2 .
- Four separate areas were hand stripped and channel sampled, yielding results up to **0.37% V_2O_5 over 8 metres**.
- Preliminary prospecting has identified an **additional four areas** of oxide mineralization found along strike to be followed up on.



Magnetite at the West Extension

Strong Projected Growth

Considerable Exploration Upside

- V_2O_5 has been a reliably performing **critical metal** and is projected to have a **strong growth profile** over the coming years.
- The Empire Lake Property has the potential to host a large V-rich resource right at surface.
- Early-stage exploration has identified a zone of mineralization measuring over 1,800m long, with a width of 50-170m thick. This zone could be potentially extended a further 800m with addition ground-based exploration.



- No high-resolution airborne geophysics or systematic ground-based exploration have been completed on the property.
- At least four additional V-bearing zones have been identified and have yet to be followed up on.
- Empire Lake Property has considerable **exploration upside** potential for V, as well as base (Cu-Ni) and precious metals (Pt-Pd).

Forward-Looking Statement

Certain information contained in this presentation, includes information and statements which may contain words such as "could", "plans", "should", "anticipates", "expect", "believe", "will", "upcoming" and similar expressions and statements relating to matters that are not historical facts are forward-looking information. All of the forward-looking information contained in this presentation is qualified by this cautionary statement. There can be no assurance that the actual results or developments anticipated by Transition Metals Corp as expressed or implied by the forward-looking information, will be realized or, even if substantially realized, that they will have the expected consequences to or effects on Transition Metals Corp or its business operations. Transition Metals Corp disclaims any intention or obligation to update or revise any forward-looking information as a result of new information or future events. Readers should not place undue reliance on forward-looking information.

Mitigating Risk. Multiplying Opportunities.

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