



LEEUWIN
METALS

Unleashing the Power of Nickel & Lithium

Emerging Discoveries in Manitoba, Canada

ASX:LM1

**A New Opportunity on the ASX for
Battery Metal Exploration**

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Authorisation

This document has been authorised for release by the Company's Board of Directors.

Global portfolio



Experienced Board & Management

- Proven track record of exploration to discovery and development
- Extensive in-country knowledge and experience



GLENCORE

Strategic Cornerstone

- Major shareholding of 9.97%
- Technical committee formed to leverage off decades of nickel discovery



Outstanding infrastructure

- Projects located in Tier-1 Jurisdictions in Canada & Western Australia
- All year round access
- Hydroelectricity proximal to projects



Exposure to Nickel and Lithium

- Projects selected in response to demand for critical battery metals
- Highly prospective & exploration ready projects



Ready for discovery at William Lake

- High impact drill targets
- Extensive historic drilling
- Located in the world class Thompson Nickel Belt
- **High Grade Nickel intercepted in LM1 Drilling with assays pending**



Lithium Upside at the Cross Lake Project

- Stacked pegmatite swarm with +20m wide zones at +1.2% Li₂O in historical drilling
- Spodumene island prospect hosts historical lithium channel samples with +3.6km of known strike
- **Assays for an additional 3 holes outstanding**

Board & Management

Proven opportunity generating team with a record of delivering exploration and development success.



Simon Jackson

**Chairman,
Corporate**

Highly Experienced in Corporate Finance, Investment Banking & Corporate Management.

Mr. Jackson is currently Non-executive Chairman of **Sarama Resources Limited (ASX.SRR)**, Non-executive Chairman of **Predictive Discovery (ASX.PDI)** and Non-executive Director of **Resolute Mining (ASX.RSG)**.



Christopher Piggott

**Founder, Managing Director,
Geologist**

Geologist with extensive background in gold and nickel exploration with a track record of discovery and corporate development.

Recent roles included Senior Geologist at **Bellevue Gold Ltd (ASX.BGL)** where he was involved in the discoveries of Tribune, Viago & Deacon, that have defined +3Moz.

He was also a part of the team that defined the Nova-Bollinger high grade Nickel deposit which is now owned and operated by **IGO Ltd (ASX.IGO)**.



Scott Williamson

**Non-Executive Director,
Mining Engineer**

Mining Engineer with a unique blend of experience in mining and finance and is passionate about mining green.

Mr. Williamson is the founder and currently the Managing Director of **Blackstone Minerals Ltd (ASX.BSX)**.



Nicholas Katris

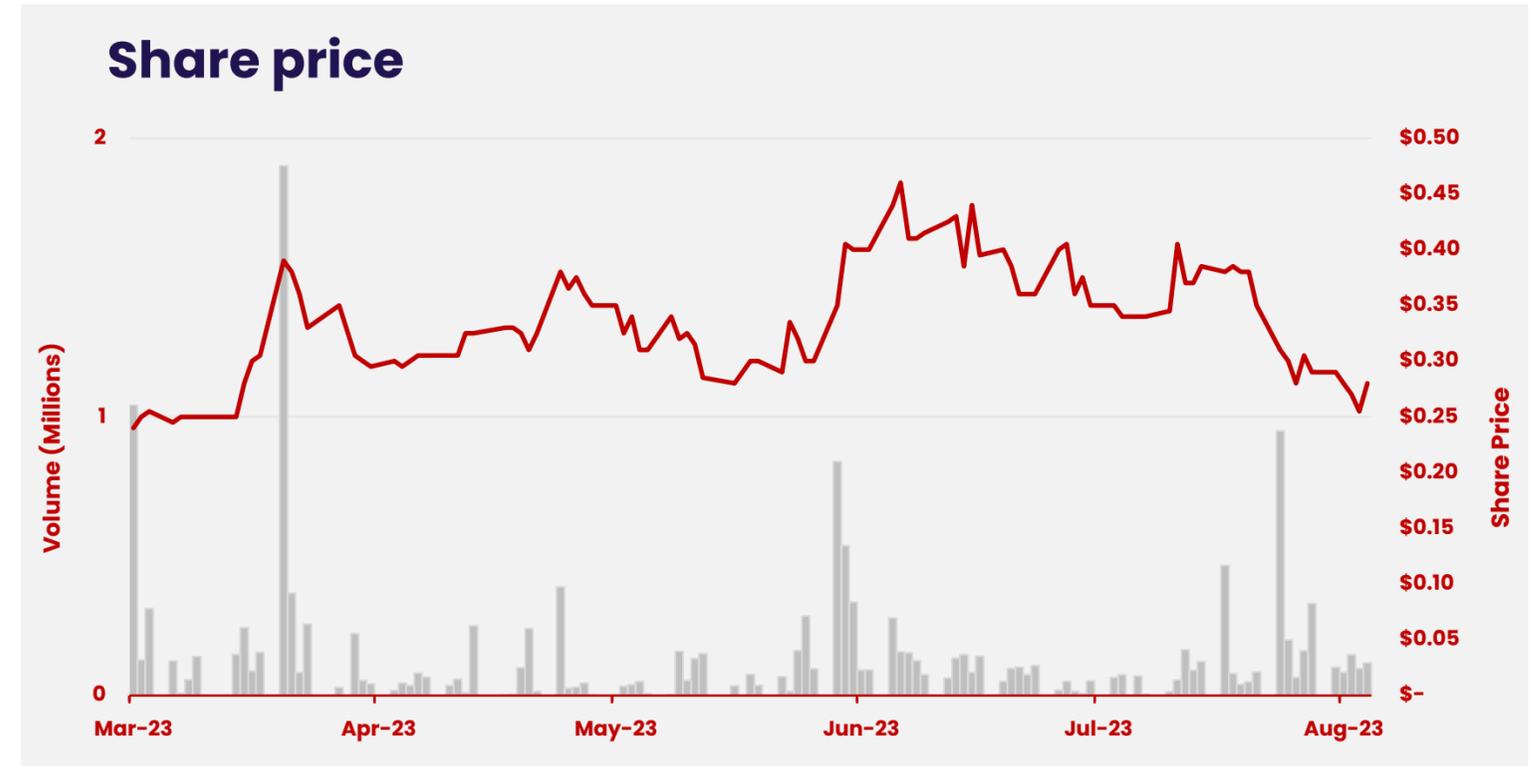
**Founder, Company Secretary,
Corporate**

Experienced executive with extensive background in corporate advisory, including ASX IPO's and management of publicly listed companies.

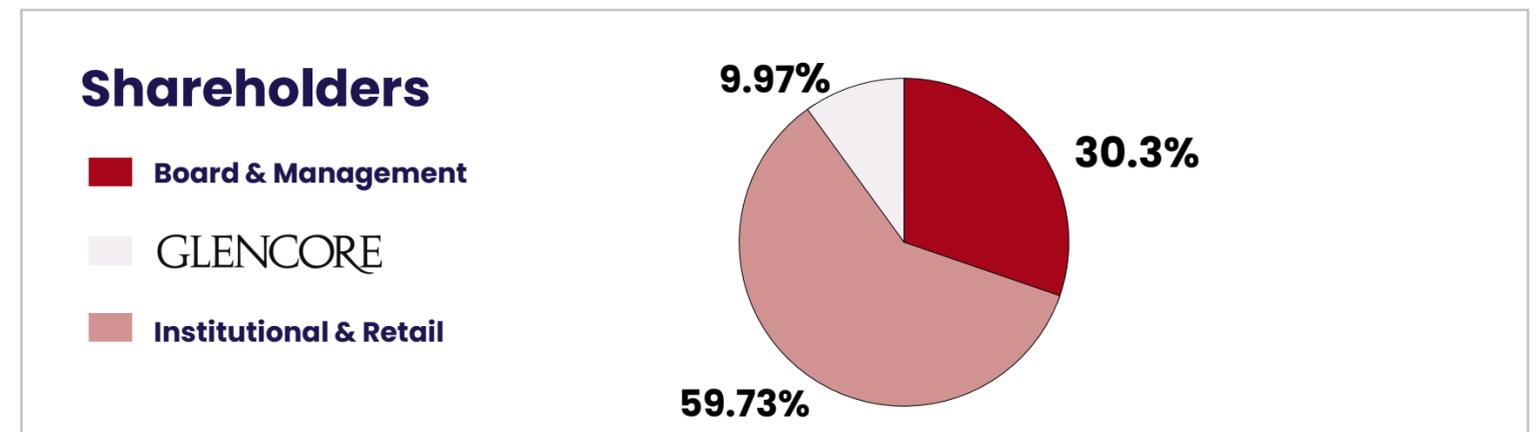
Currently the Company Secretary for **Perpetual Resources (ASX.PEC)** & previously was the Executive Director of **Midas Minerals, (ASX.MMI)**, CFO & Company Secretary for **Auteco Minerals (ASX.AUT)**.

Capital structure

Equities	Valuation
LM1 ASX code - Listed on 29/03/23	\$0.28 Share Price at 1/09/2023
63.4m Shares currently on issue	\$17.7m Market capitalisation
19m Shares escrowed up to 24 months	\$11.7m Enterprise valuation
31m Options 3.5m Performance Rights	\$6m Cash at 30/06/2023



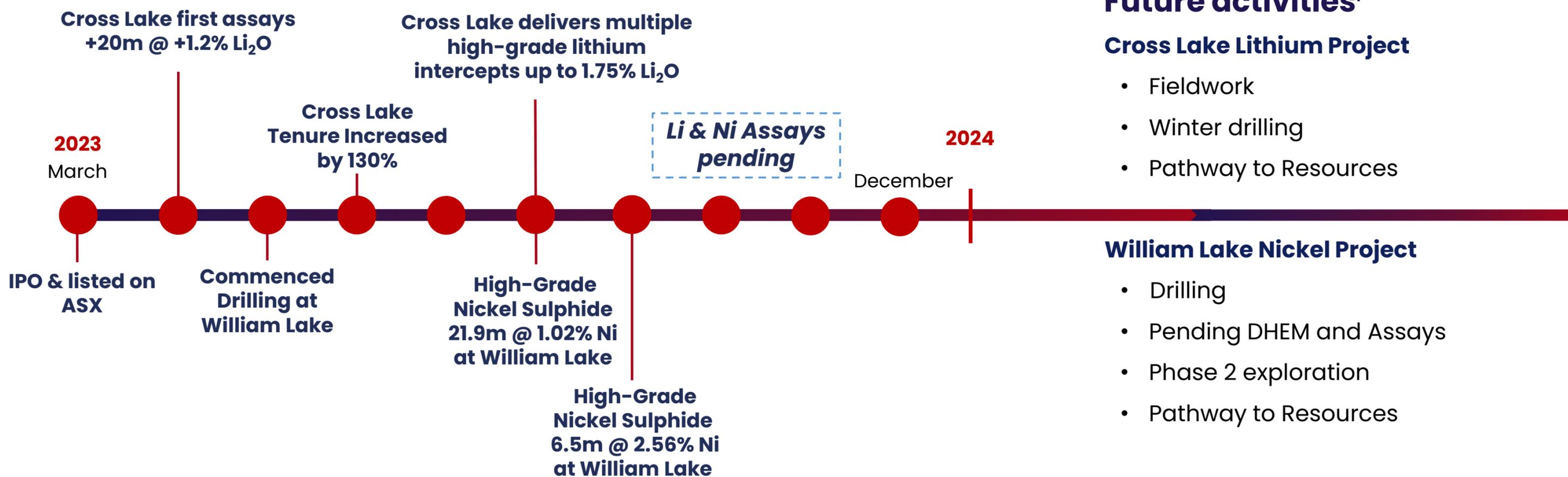
Top 20 shareholders	
Significant shareholders	61%
Board & management escrowed for 24 months	30.3%
Glencore	9.97%
Australian institutions	6%



Rapid Exploration Progress Since Listing

Maintain the Rage, Focused and Hard at it

Delivering Lots of News Flow in 2023/2024



1. Future activities are indicative and subject to change.
 2. For full results refer to LMI ASX Announcements <https://www.leeuwinmetals.com/asx-announcements>

Our Projects

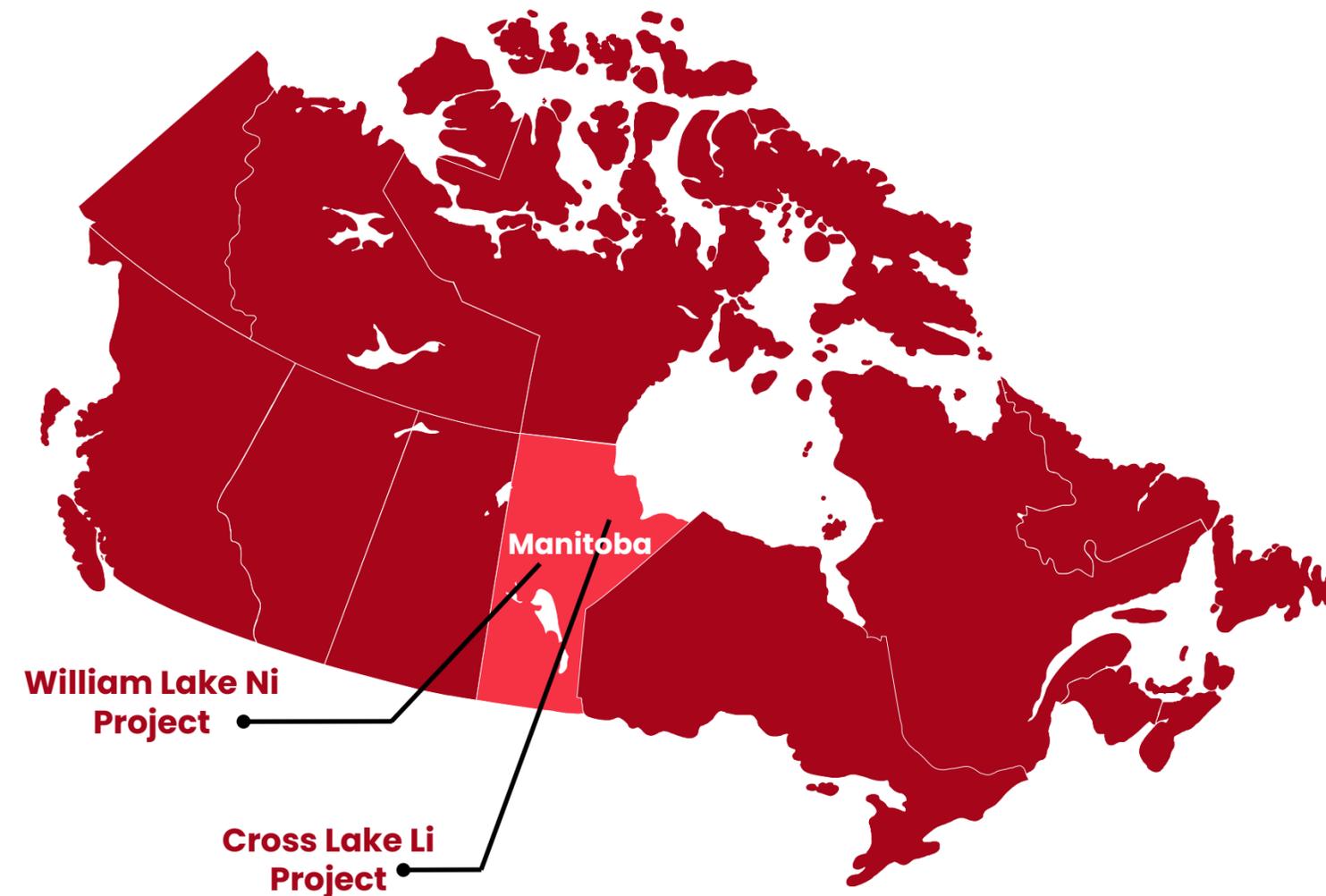
William Lake Nickel Project, Manitoba, Canada

- Located in the **prolific Thompson Nickel Belt**, one of the world's largest nickel camps
- High priority drill ready targets, **targeting high grade Nickel sulphides**
- Similar geological setting to the Albany-Fraser Belt, Western Australia that hosts IGO's Nova-Bollinger deposit
- **Partnering with Glencore** leveraging off decades of success & expertise
- **High-Grade nickel intercepted in LMI Drilling with additional assays pending**

Cross Lake Lithium Project, Manitoba, Canada

- Metis and **Spodumene Island**, potential Company making asset
- Characterised by meta-sediments with late-stage granites with pegmatites visible from surface
- **6km of known prospective strike**
- **+20m wide intersections of +1.2% Li₂O present in LMI assaying**
- **Assays for 3 drill holes outstanding**

Canadian Projects





Project Overview

William Lake Project ^(100%)

Primed for high-grade nickel discovery in the prolific Thompson Nickel Belt

Project location & area

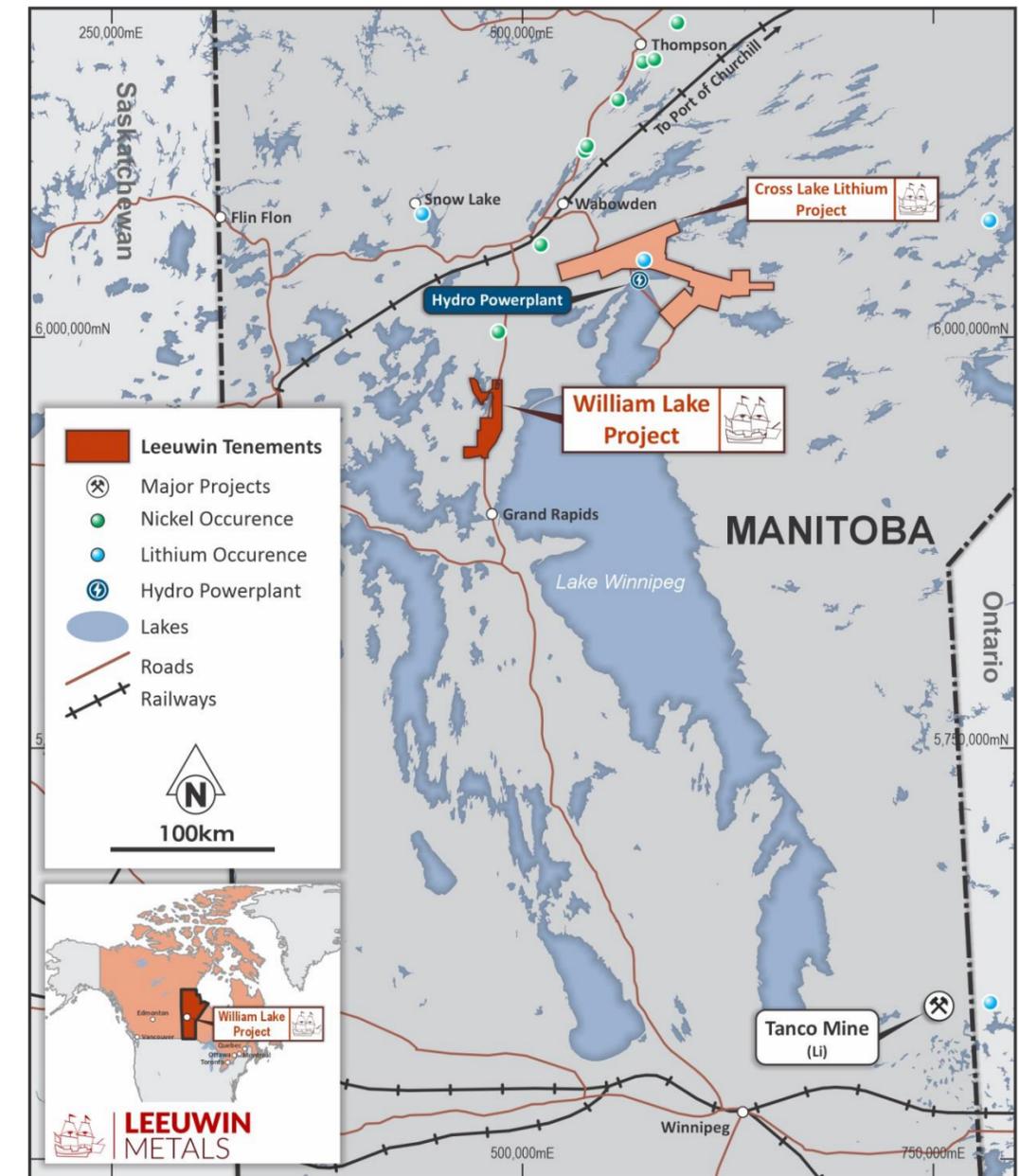
- Manitoba, Canada's 2nd largest nickel camp producing since 1959
- Project area is **523.2 km²**
- **Year-round access** – via Highway 6, a major transportation route
- Hydropower intersects the property – potential for zero carbon Ni

Project history

- Extensive historic diamond drilling dataset for nickel exploration of **152 drill holes for 89,500m**

Value drivers

- Characteristics of a high grade and scalable nickel deposit
- Leveraging off historical drilling data
- Utilise modern exploration tools to delineate high-priority targets
- Technical committee formed with Glencore, leveraging their expertise in Canadian Nickel
- **Assays and DHEM outstanding**
- **Massive nickel sulphides intersected in LM1 drilling**





Project Overview

William Lake Project ^(100%)

Current LMI Exploration Results, 6 drill hole assays still pending

W56

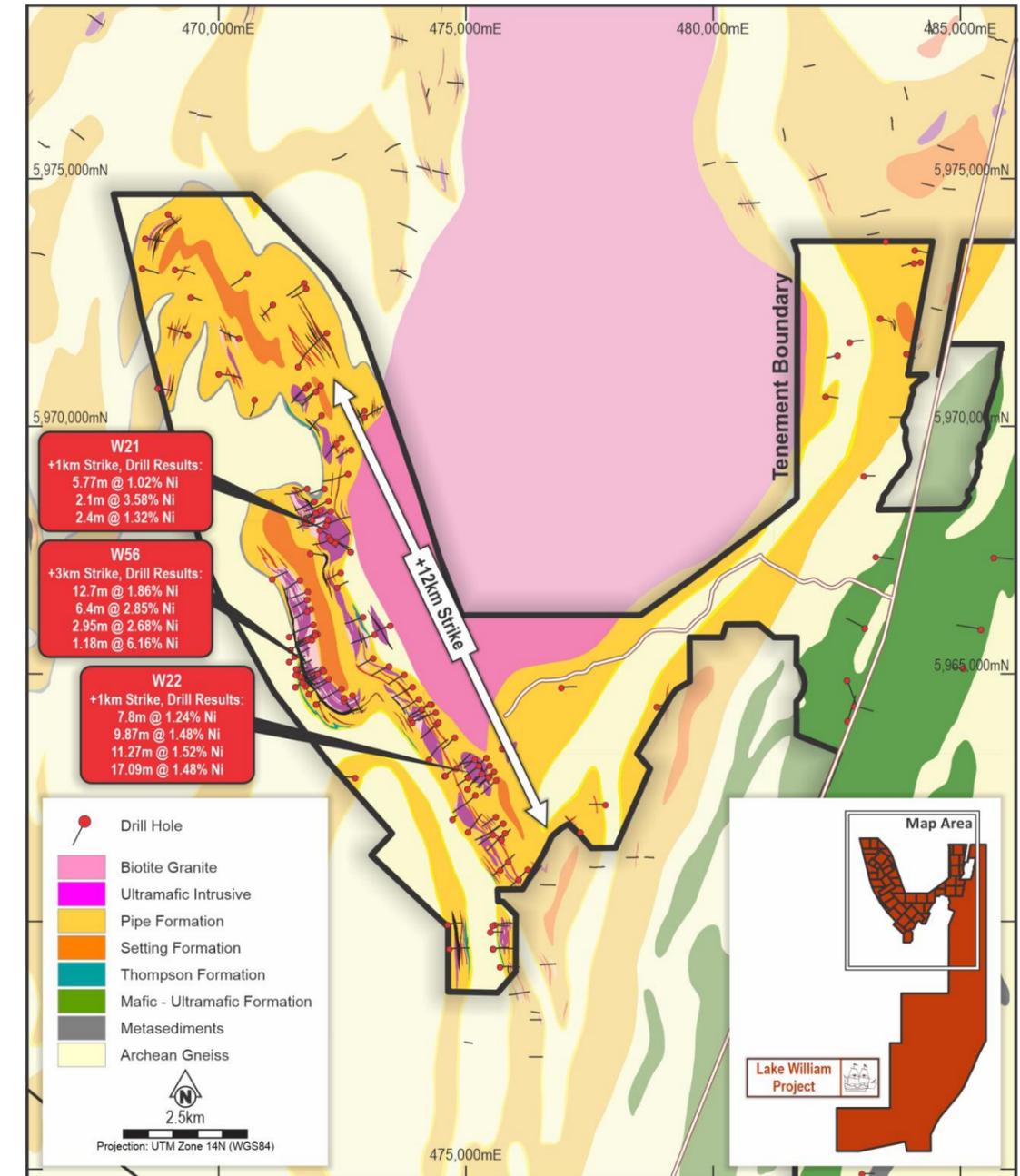
- At W56 the company has intersected high tenor Ni sulphides in all holes completed
- WL23-367: **21.9m @ 1.02% Ni from 206.65m Including:**
 - 7.35m @ 1.07% Ni from 206.65m**
 - 12.15m @ 1.13% Ni from 216.4m including 1.35m @ 5.02% Ni from 227.2m**
- 4.4m @ 1.55% Ni from 247.1m**
- WL23-365: **6.5m @ 2.56% Ni from 439.2m Including:**
 - 1.6m @ 3.38% Ni from 442m**
- Both intercepts are +100m step out drill holes within interpreted shoots

W21

- WL23-370: **2.8m @ 1.16% Ni from**
- Significant Historical Intercepts include:
 - WL98-213: **2.1m @ 3.6% Ni**
 - WL92-52: **168.83m @ 0.5% Ni** from 163.2m incl **44.02m @ 0.7% Ni** from 178m

W22

- Significant Historical Intercepts include:
 - WL91-20: **14.4m @ 1.02% Ni** from 209.4m; and **14.4m @ 1.04% Ni, 0.99g/t Pd and 0.46g/t Pt** from 343.9m; and **9.87m @ 1.48% Ni** from 436.13m
 - WL92-32: **17.09m @ 1.48% Ni** from 398.9m to EOH



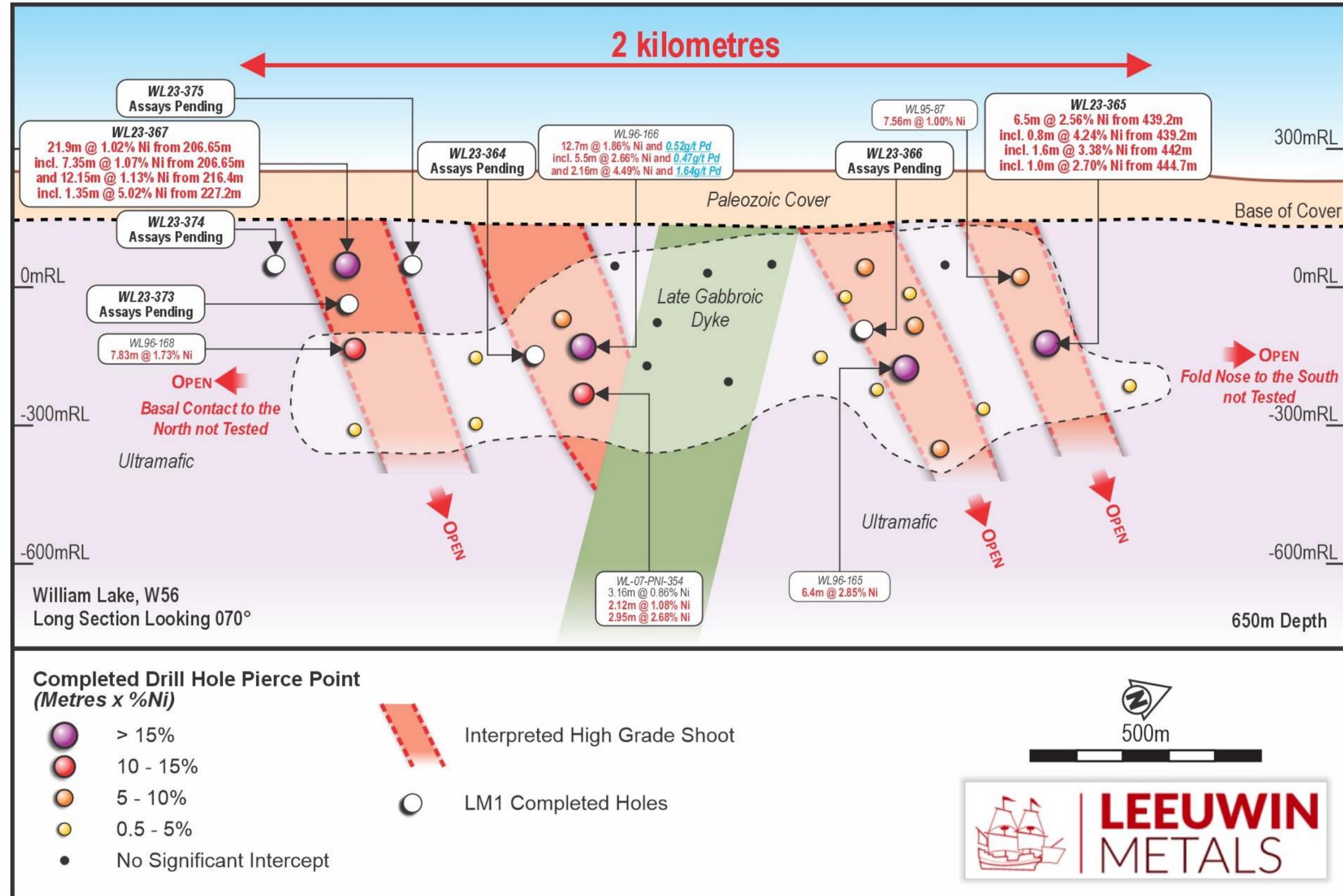
William Lake Project (100%)



W56 prospect - WL23-367 Massive Sulphides at 227.2m and net texture sulphides at 248.5m.



Recent Site visit with Glencore, William Lake, July 2023





Project Overview

Cross Lake Project ^(100%)

Targeting high-grade lithium

Project location & area

- Proximal to the Hydro-electric power station
- Project area is **+2,000km² of granted and application MELs**

Geology & Project history

- Drill assay results represent a significant discovery of a large-scale lithium rich pegmatite swarm with additional regional upside.
- Historical drilling successfully intersected multiple, sub-parallel spodumene bearing LCT Pegmatites up to 20m thick over >400m strike, with grades +1% Li₂O
- Ex TANCO Project with existing Framework drilling, 23 holes for ~2,500m's

Regional Upside

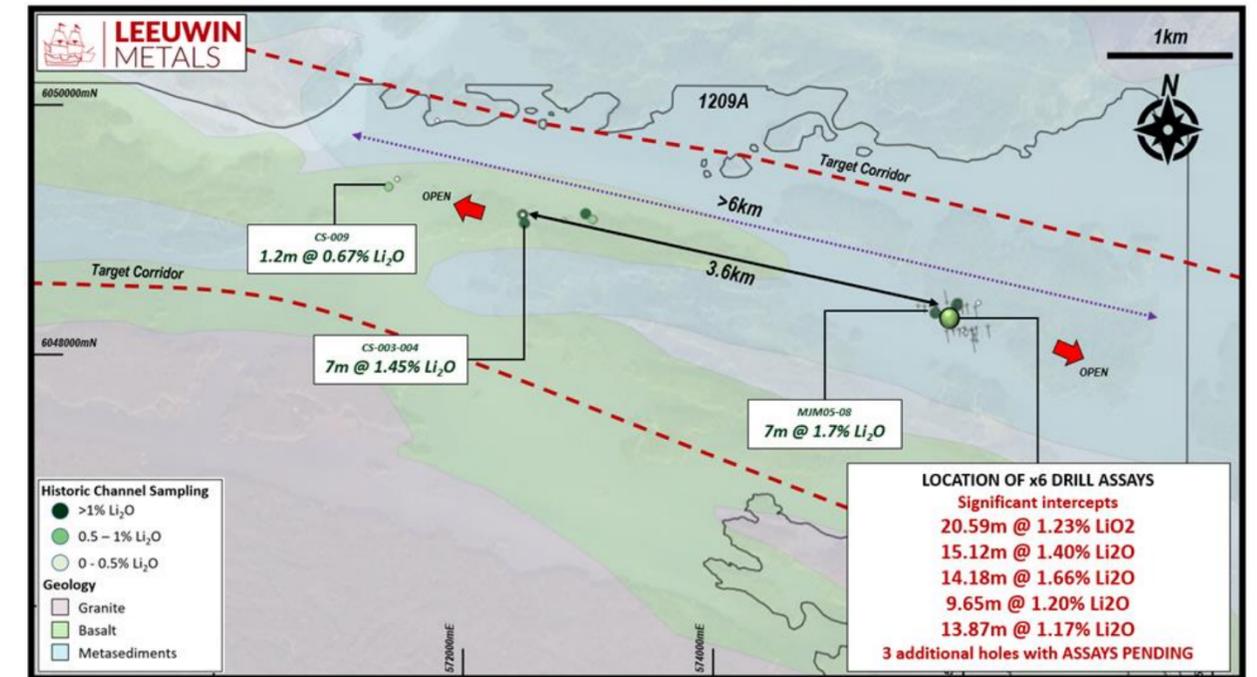
Significant channel samples from historical results include:

- **7m @ 1.7% Li₂O**
- **7m @ 1.45% Li₂O**
- 3.5km away from historical drilling

Exploration Plans

Aggressive boots on ground exploration, channel sampling, rock chipping, mapping and remote sensing designed to delineate high priority drill targets.

Assays outstanding for 3 additional holes.



Plan map local geology showing strike extents of exploration opportunity.

Coordinates in UTM NAD 83 z14.



Recent LMI Re sampling and logging Activities.

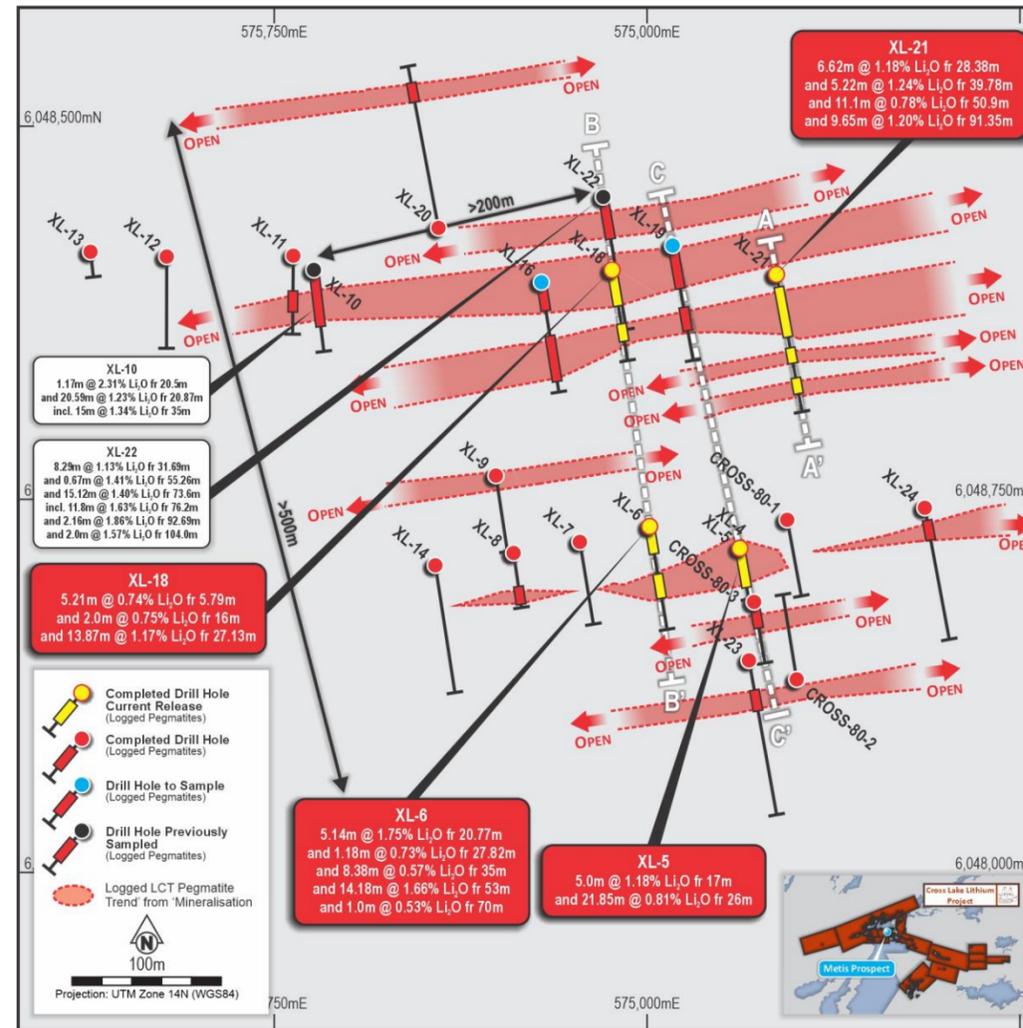


Project Overview

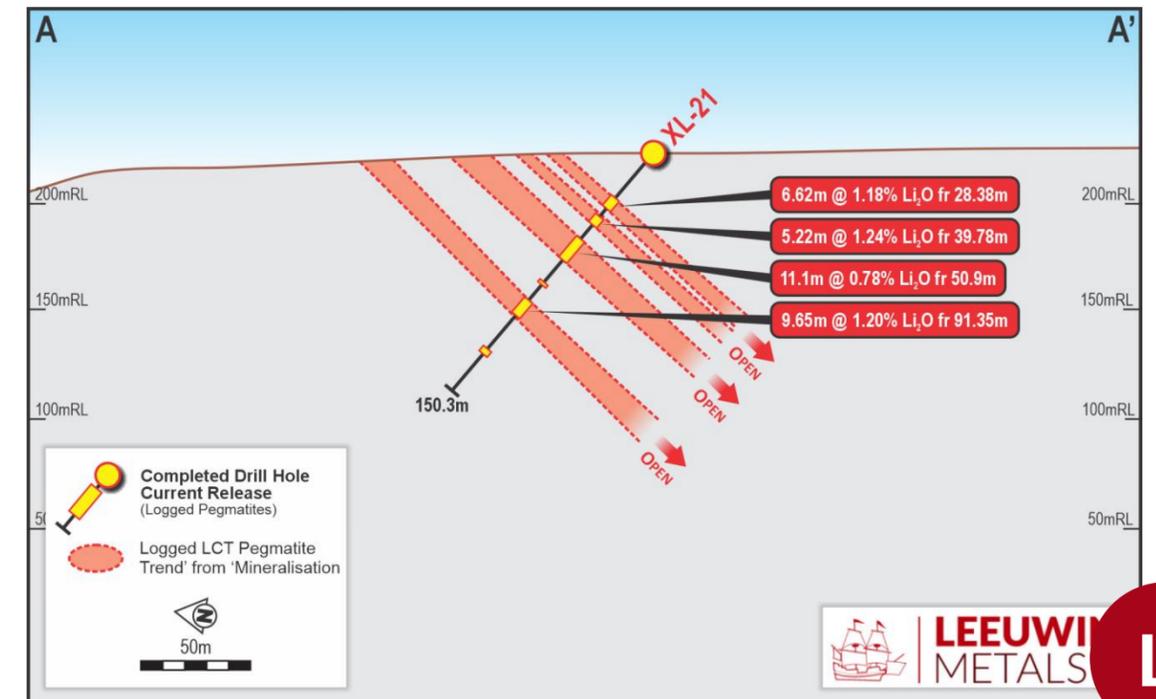
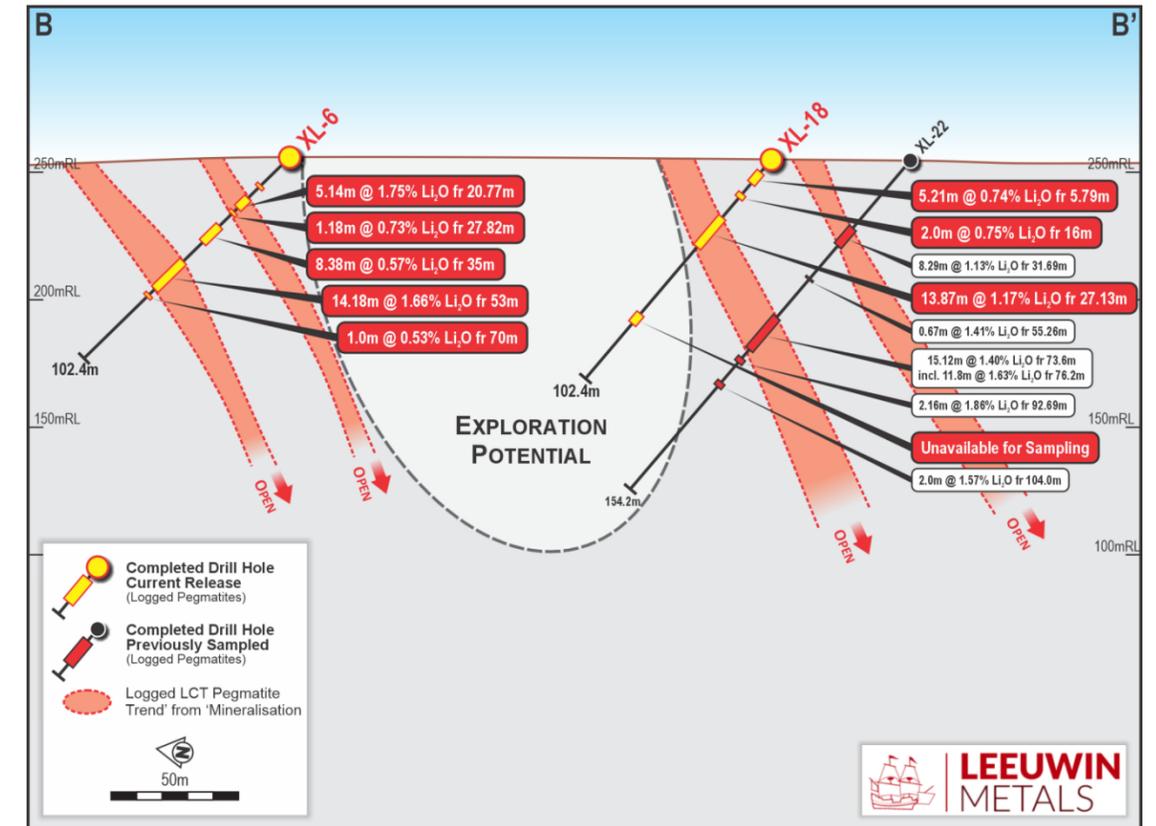
Cross Lake Project

High-Grade Lithium Results to date

- **XL-06:** 5.14m @ 1.75% Li₂O from 20.77m; & **14.18m @ 1.66% Li₂O** from 53m
- **XL-10:** **20.59m @ 1.23% Li₂O** from 29.87m
- **XL-22:** 8.29m @ 1.13% Li₂O from 31.69m; & **15.12m @ 1.40% Li₂O** from 73.6m
- **XL-21:** 6.62m @ 1.18% Li₂O from 28.38; & 5.22m @ 1.24% Li₂O from 39.78; & **9.65m @ 1.20% Li₂O** from 91.35
- **XL-18:** **13.87m @ 1.17% Li₂O** from 27.13m



Plan map of historical drilling and defined LCT pegmatite trends. Recent sampling with new sampling shown on map. Coordinates in UTM NAD 83 z14.



Why Leeuwin Metals?



Extensive in-country knowledge and experience



GLENCORE
Strategic cornerstone & technical committee



Exploration portfolio located in Tier 1 mining jurisdictions, with all year-round access



Embracing a modern approach to systematic exploration



Primed for discovery at William Lake Project with drill ready nickel sulphide targets



Portfolio of highly prospective battery metals projects in North America

Ni & Li Assays outstanding



Team Driven by a positive commitment to ESG values

"Leeuwin Metals is positioned to be the leading battery metals exploration company on the ASX." Managing Director, Christopher Piggott.



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 Leeuwin Metals Ltd