



ASX LLM

Our Electric Future

The Highway Reward

Copper Gold Mine Acquisition

The Noosa Mining Investor Conference

Investor Presentation

July 2025

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The information in this report that relates to Exploration Results is based on information either compiled or reviewed by Mr Darren Allingham FAIG who is an employee of Loyal Metals Limited. Mr Allingham is a Fellow of the Australian Institute of Geoscientists and has sufficient experience of relevance to the styles of mineralisation and types of deposits under consideration, and to the activities undertaken, to qualify as a Competent Person as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Minerals Resources and Ore Reserves. Mr Allingham consents to the inclusion in this report of the matters based on information in the form and context in which it appears.

This presentation has been approved by the Board of Loyal Metals Limited.

Our Team



Adam Ritchie Managing Director

Bachelor of Engineering (Hon)
Master of Engineering



Former Project Director of Pilbara Minerals (ASX: PLS)

Over 20 years' experience in the resources sector having held senior positions at Australia's leading resources companies including Pilbara Minerals, FMG, Rio Tinto & BHP.



Peretz Schapiro Chairman

Master of Applied Finance



Founder of Loyal (ASX: LLM) & NED Snow Lake Energy (NASDAQ: LITM)

A highly experienced leader in resource exploration with a proven ability to create shareholder value. His expertise in corporate finance and investment drives strategic growth and maximizes returns.



Blair Way Non-Executive Director

Bachelor of Science (Geology)
Master of Business Administration



Former President & CEO of Patriot Battery Metals (ASX: PMT)

Experienced international executive with over 30 years of management experience within the resources industry throughout Australasia, Canada, the United States, and Europe.



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Our **Electric** Future



Loyal Metals is a critical minerals and technology company exploring highly prospective targets in renowned Tier-1 jurisdictions globally.

Our 2005 "Ground to Grid" strategy expands our portfolio into copper.

This strategy aligns with 2025 directives from both the Chinese and U.S. Governments to modernise their aging energy grids to meet rising energy demands.

2025

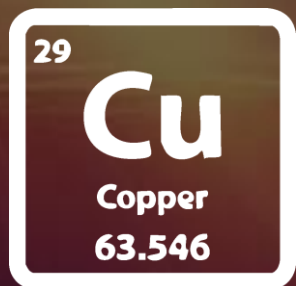
U.S.A: President Trump declared a National Energy Emergency

CHINA: Introduced its "First Energy Law"

COPPER: Futures prices surged to all-time highs (US\$5.20/lb)

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Our Strategic Move



Copper Focused

Copper is critical to "Our Electric Future". Demand and pricing at all time highs.



High-Grade Highway Reward Cu-Au Mine

Located in Queensland Australia, the Highway Reward mine one of the world's highest-grade copper mines, with past production totalling 3.65Mt at 5.7% Cu and 260kt at 4.5 g/t Au.



28 Years Commodity Growth

No exploration conducted on the granted mining leases since operations ceased in July 2005 despite a ~680% increase in copper prices and a ~1,256% increase in gold prices since the 1997 feasibility study.



Remnant Mining Potential

Significant increase in copper and gold prices, combined with the previous exclusion of gold in sulphides from the mine plan, highlights the enhanced remnant copper-gold potential.



Significant Exploration Upside

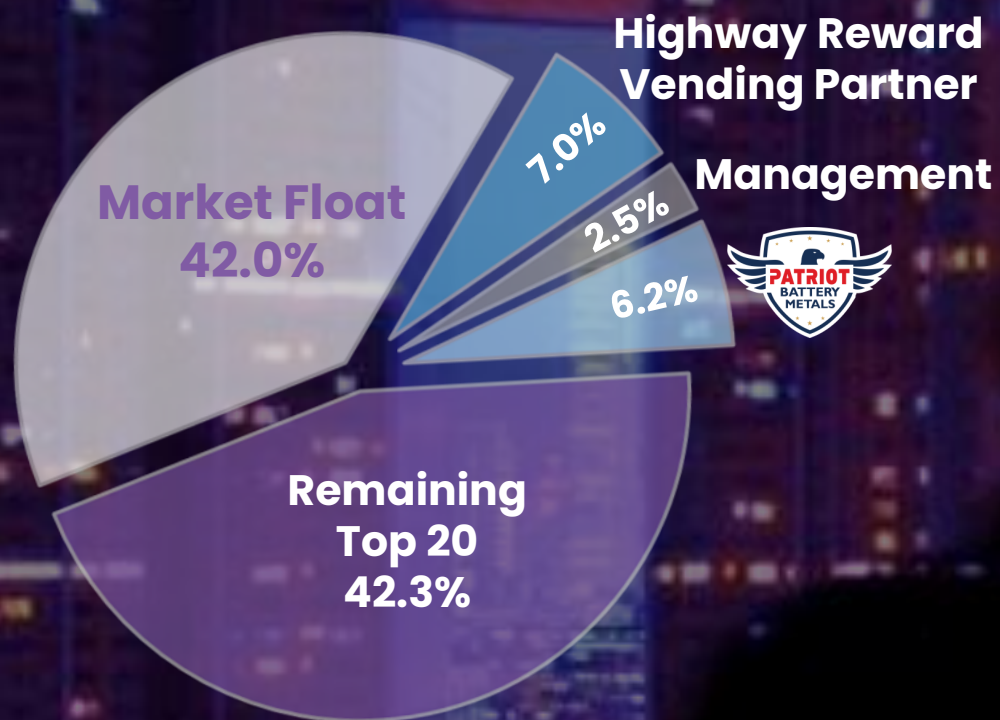
Exploration potential for new discoveries both along strike and at depth, as previous mining only reached depths of 220m for open pit and 390m for underground operations, with limited exploration beyond mined zones.

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Corporate Overview



Top 20 Holding 58% of Shares On Issue (SOI)



Shares on Issue

128.6M

Share Price

21.0c⁽¹⁾

Market Cap

27.0M

Cash & Credits

4.4M⁽²⁾

Debt

Nil

Enterprise Value

22.6M

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(1) LLM share price at 21 July 2025 (2) \$2.6m in Cash and A\$1.8m in Sales Tax refunds and Quebec Mining Tax credits at 31 March 2025



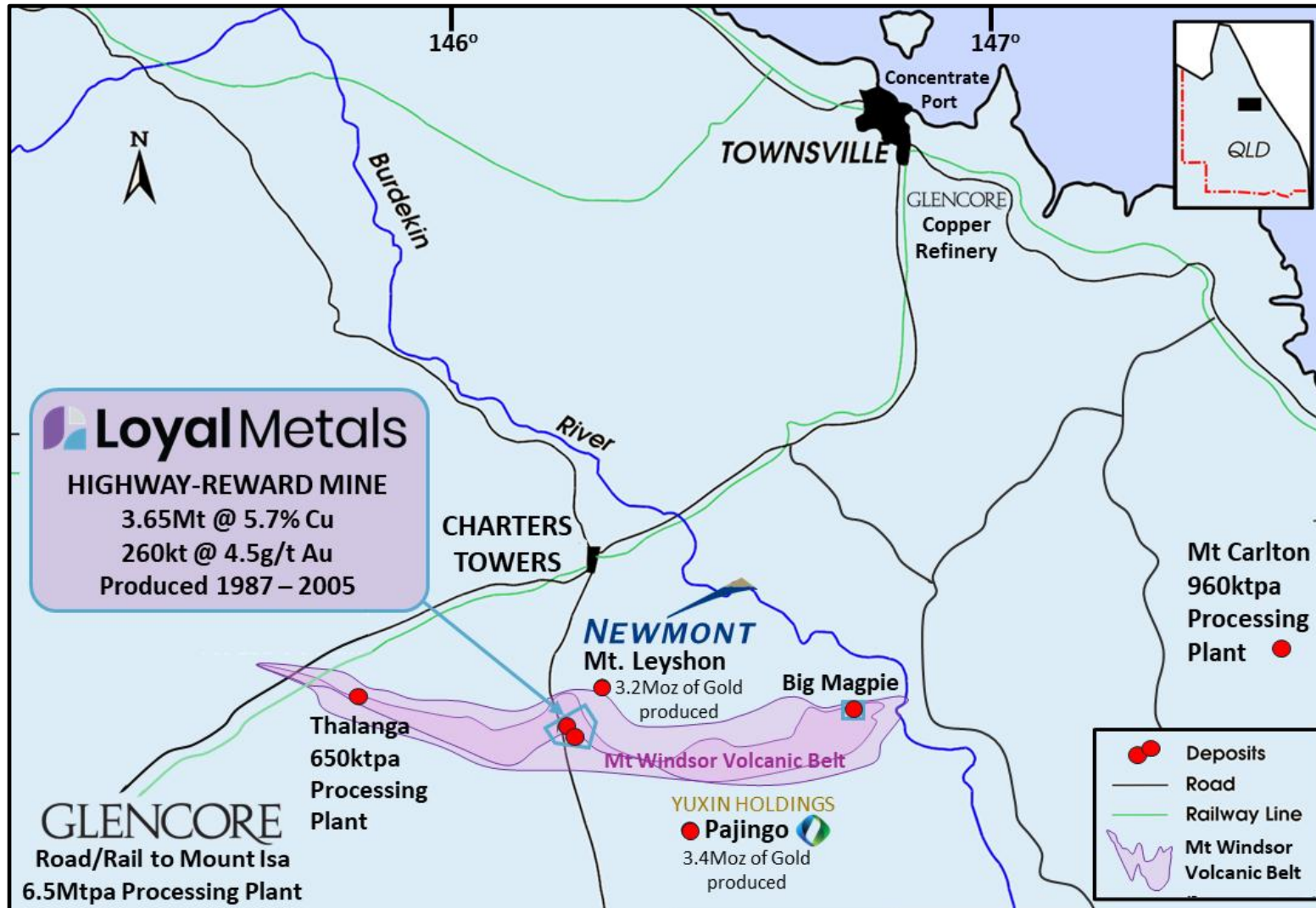
Highway Reward Copper Gold Mine

Queensland, Australia

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Highway Reward Copper-Gold Mine Loyal Metals

Among the Highest-Grade Copper Mines Worldwide



“The granted mining leases of the Highway Reward mine provide an amazing speed to market opportunity – especially when both copper and gold are at all-time highs.

The short-term and long-term opportunities at Highway Reward are exciting, considering the significant growth in commodity prices since the 1997 feasibility study.”

Adam Ritchie
Managing Director
Loyal Metals Limited

Commodity
AUD\$

July 1997
Feasibility

June
2025

Growth
%

Copper Price A\$/lb

\$1.14

\$7.75

680%

Gold Price A\$/oz

\$399

\$5,006

1,256%



Feasibility
Study

June 2025

Copper
A\$/lb

Gold
A\$/oz

HIGHWAY-REWARD MINE

3.65Mt @ 5.7% Cu

260kt @ 4.5g/t Au

Produced 1987 – 2005

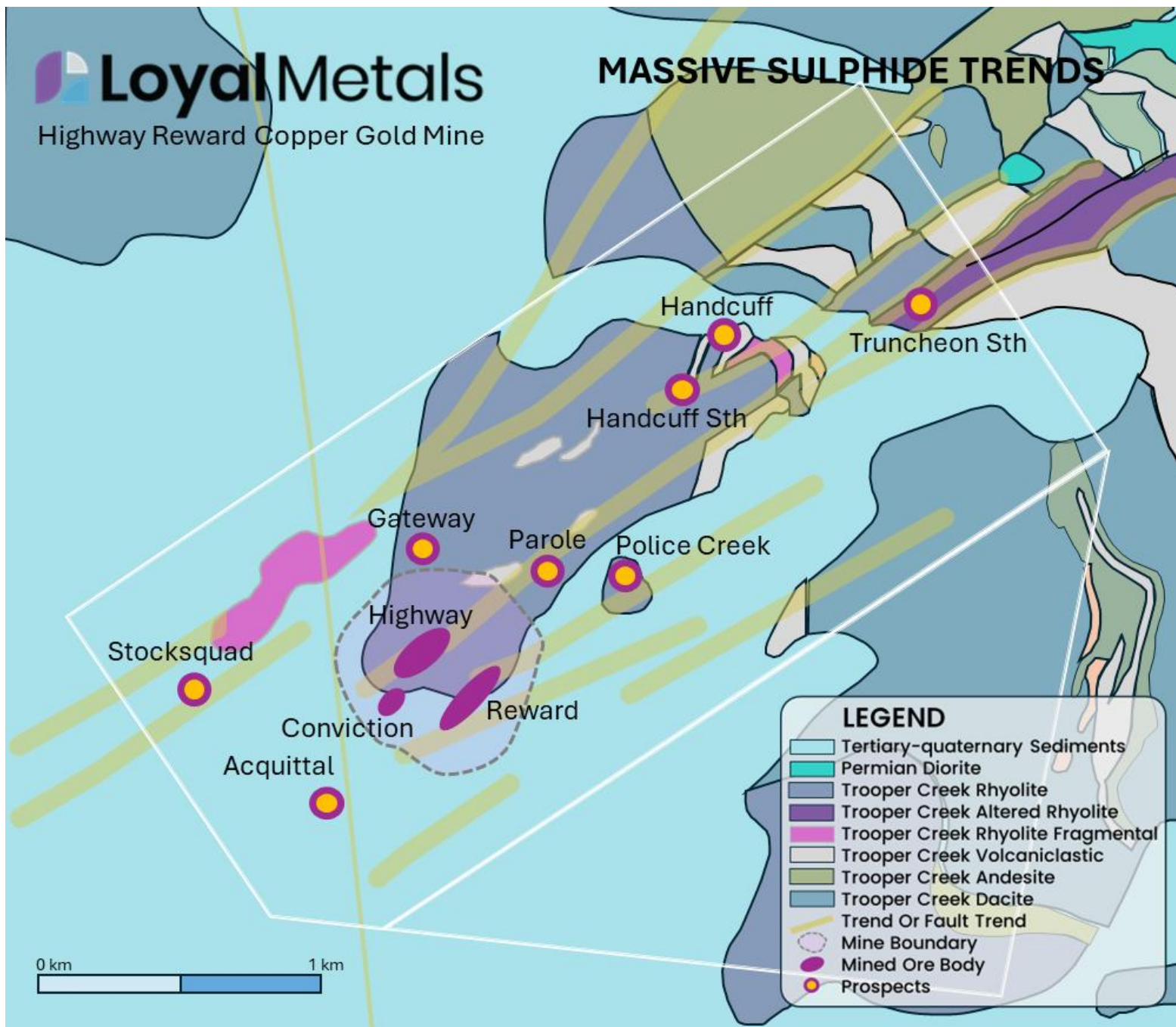
“A lot has changed in the past 28 years and our unwavering demand for copper and gold has only intensified.”

“This is truly an amazing opportunity to unlock and showcase the immense potential of this forgotten mine.”

Adam Ritchie

Managing Director
Loyal Metals Limited

MASSIVE SULPHIDE TRENDS



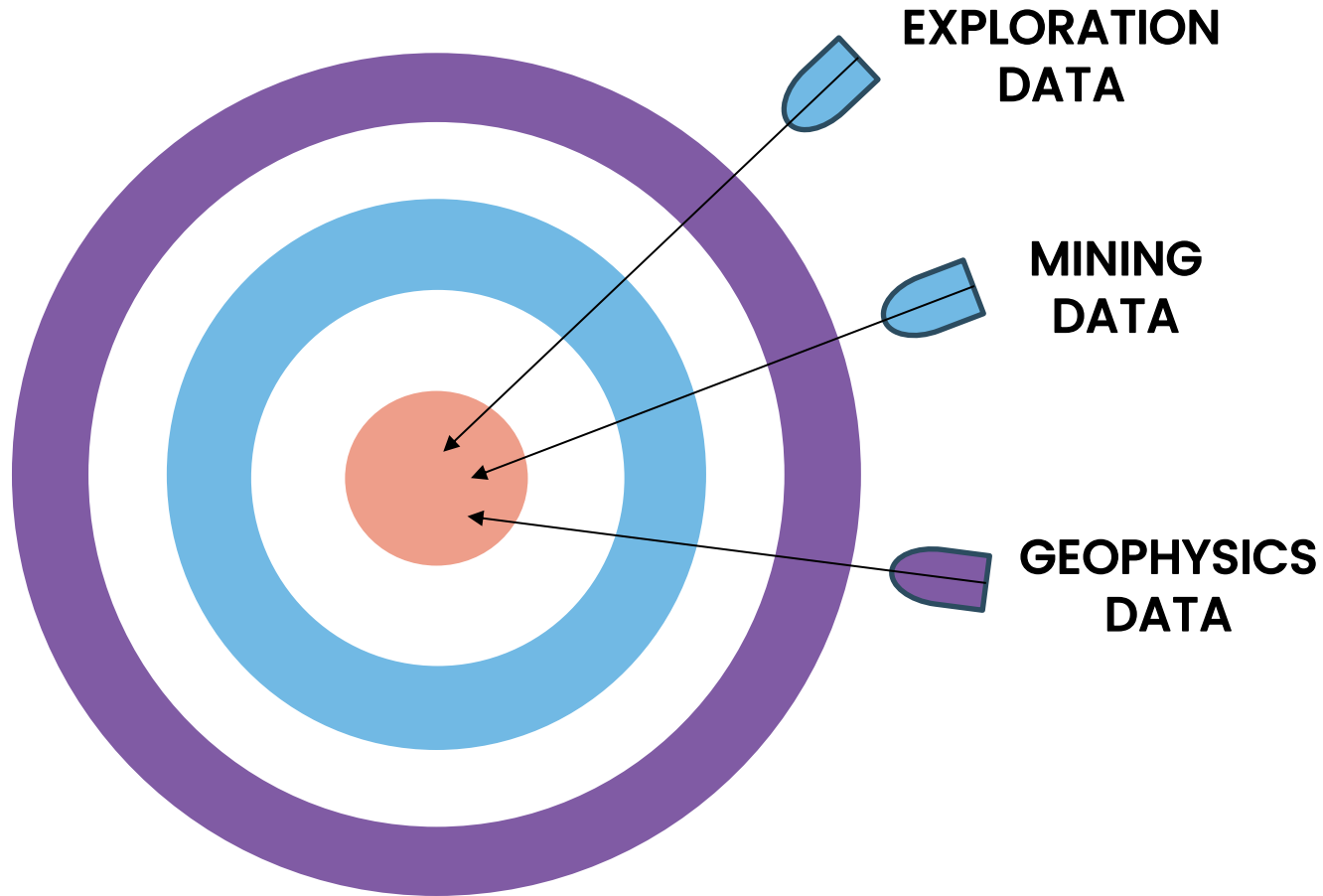
SIGNIFICANT EXPLORATION UPSIDE

The Highway Reward Copper Gold Mine displays a 3km strike of favourable northeast geological polymetallic massive sulphide trends within the Trooper Creek dacite, rhyolite, and volcaniclastic rocks.

These base metal and gold trends transecting the mining leases are underexplored. Utilising the latest innovations in geophysical technologies and processing, significant potential exists for identifying new discoveries across the mining leases.

Highway Reward Copper-Gold Mine Loyal Metals

3D Geological Models to Generate Exploration Targets for Drilling



A substantial repository of exploration and mining data in both physical and digital formats has been obtained.

This data will be digitised, analysed, and prioritised to enable the integration of advanced AI-driven mining software.

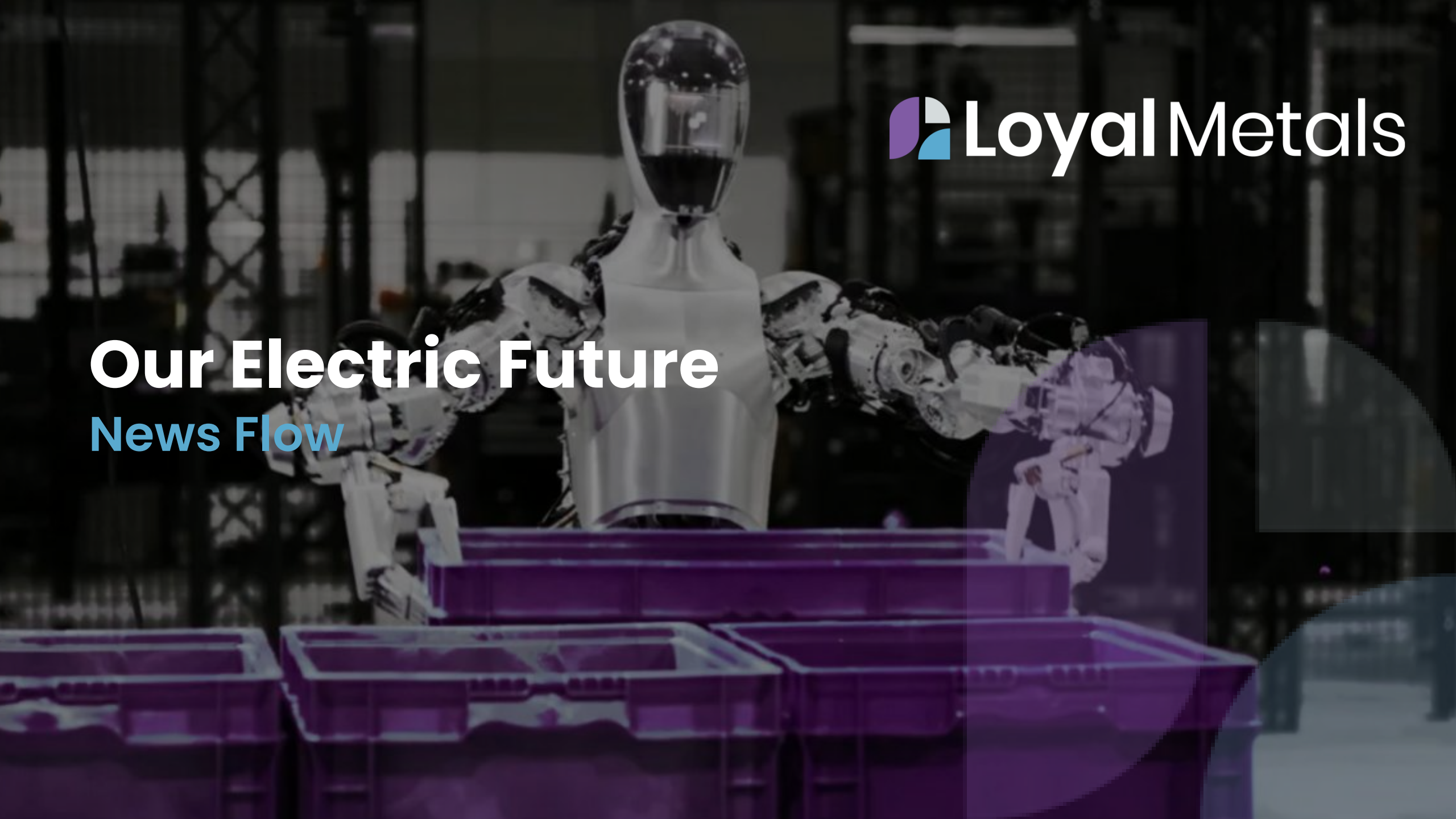
Concurrently, modern exploration techniques, including MobileMTd (drone-based innovative geophysics) and LiDAR surveys will be conducted. This addition will further refine the 3D geological models and exploration targets for drilling.

COMBINED DATA WILL GENERATE ADVANCED 3D GEOLOGICAL MODELS AND EXPLORATION TARGETS FOR DRILLING.



Our Electric Future

News Flow



Loyal Future

News Flow Ahead

HIGHWAY REWARD COPPER-GOLD PROJECT

Understand the Remnant Potential

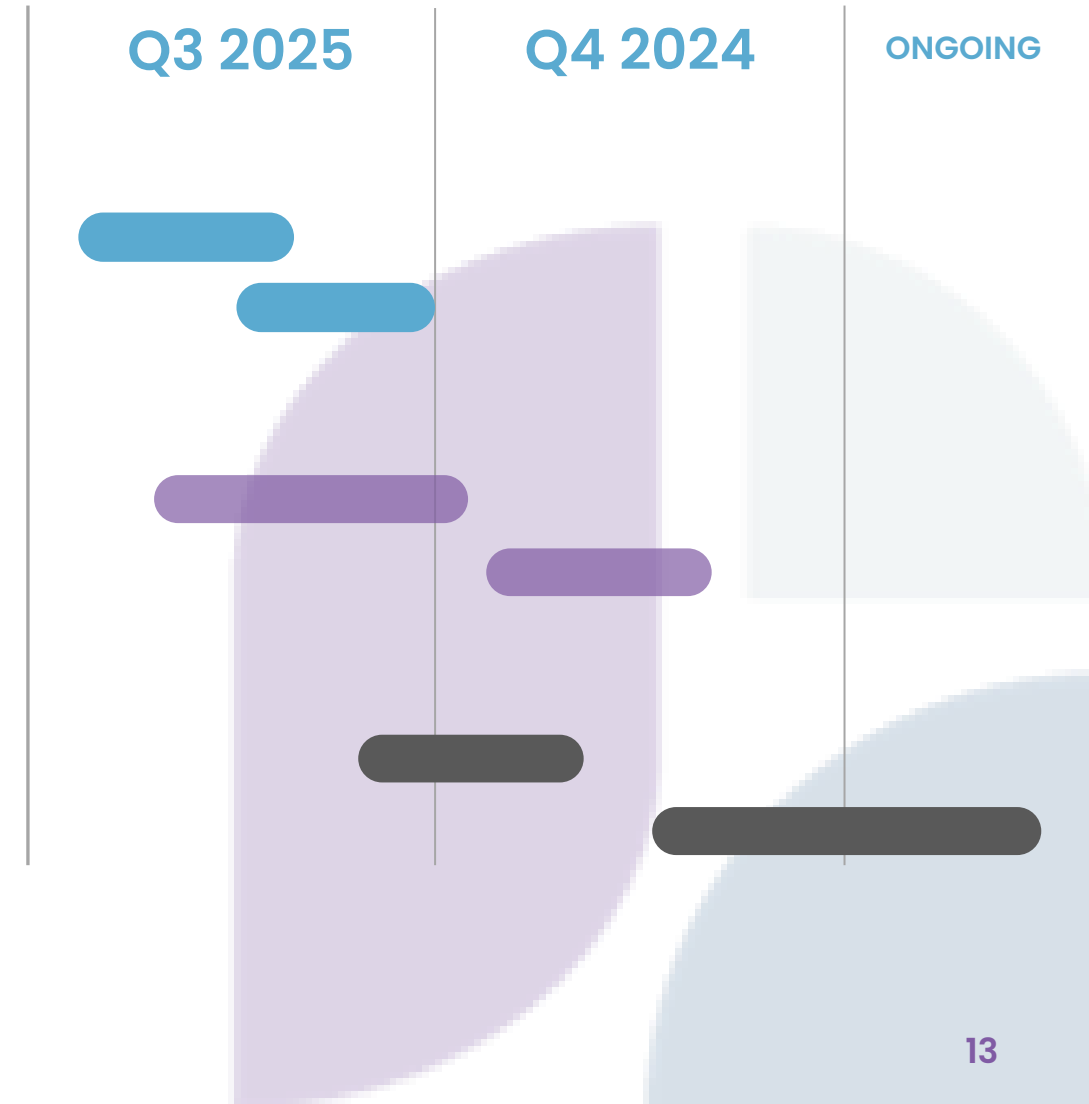
- Accelerated Digitisation and Data Consolidation
- Analyse and Prioritise Findings with Dr. Simon Beams

Exploring the Upside Prospectivity

- Drone-based Geophysical (MobileMTd) and LiDAR Surveys
- Development of Advanced 3D Models

Exploration Targets for Drilling

- AI Exploration Tools – Identify Exploration Targets
- Targeted Drilling





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Adam Ritchie

Managing Director

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Thank You.



Trieste Lithium Project

James Bay Lithium District
Quebec, Canada

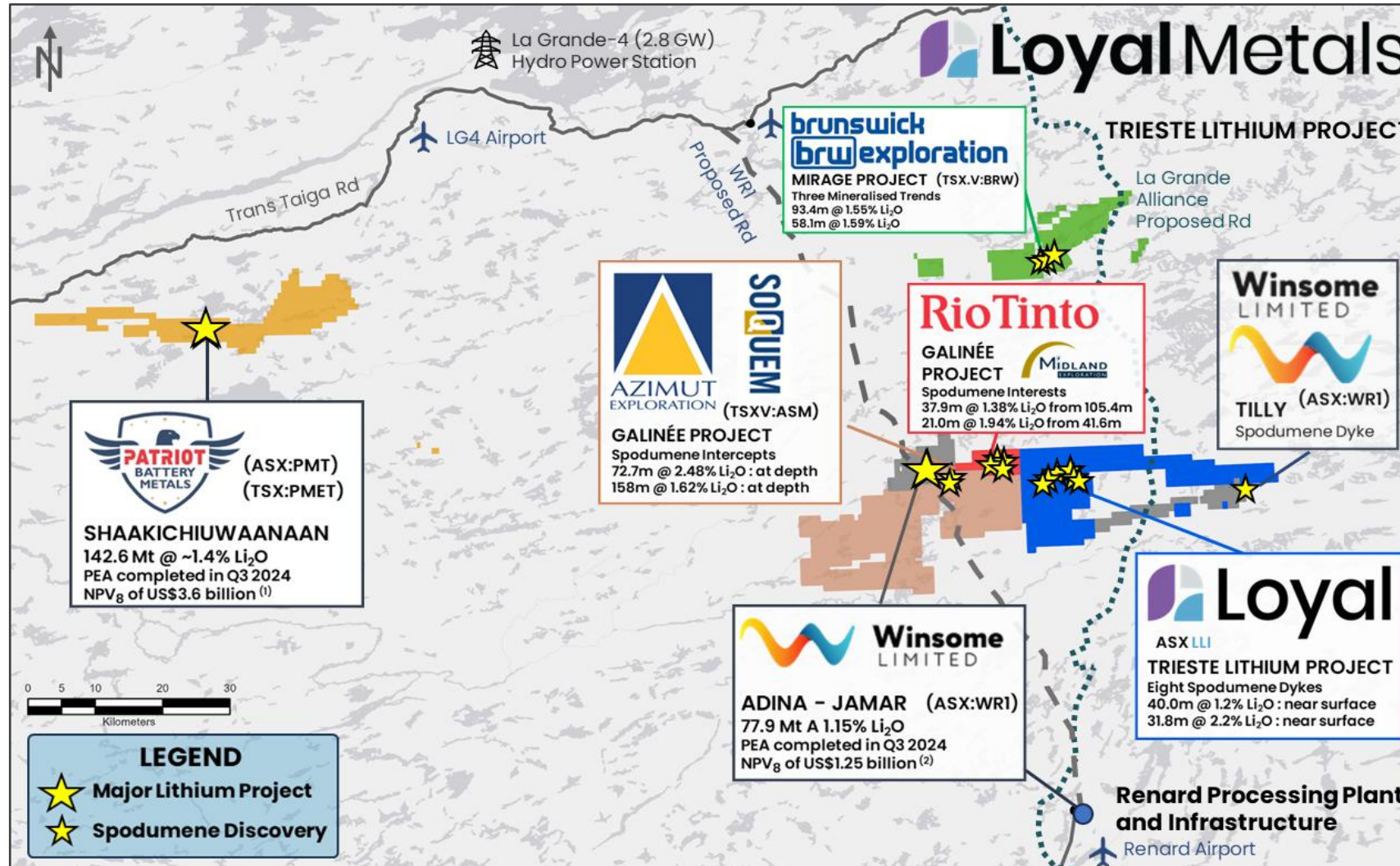


Hidden Lake Lithium Project

Yellowknife Lithium Belt
Northwest Territories, Canada

Trieste Lithium Project

James Bay Lithium District



COLLABORATIVE APPROACH

“The Trieste Greenstone Belt is taking shape with regional robust projects advancing to development with infrastructure synergy potential.”

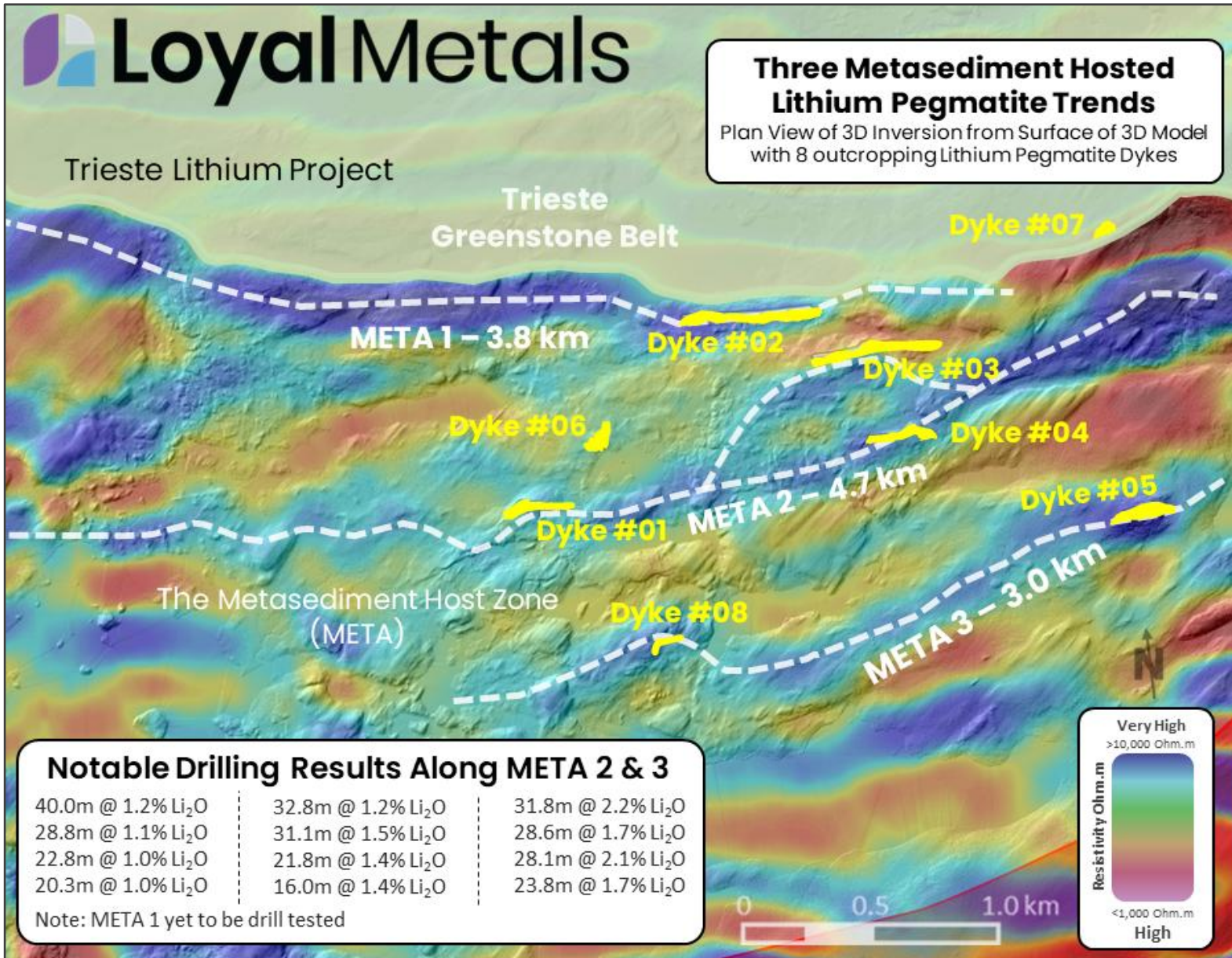
“Our collaboration MOU with Winsome Resources demonstrates our combined commitment to establishing the region as a premier Lithium hub.”

Adam Ritchie
Managing
Director
Loyal Metals

(1) Patriot Battery Metals 21 August 2024 announcement (TSX: PMET) (ASX: PMT)

(2) Winsome Resources 17 September 2024 announcement (ASX: WR1) (FSE: 4XJ)

Trieste Lithium Project



DRILLING SUCCESS

Mobile Magnetotellurics (Mobile MTm) utilised over a 77km² area employing sensors for in-depth analysis beyond 600 metres.

The Mobile MTm 3D model reveals significant inferred extensions of the eight lithium pegmatites.

The 3D model highlights three distinct high-resistivity metasediment (META) hosted trends, META 1 (3,800m), META 2 (4,700m) and META 3 (3,000m) that correlate well with drilling results.

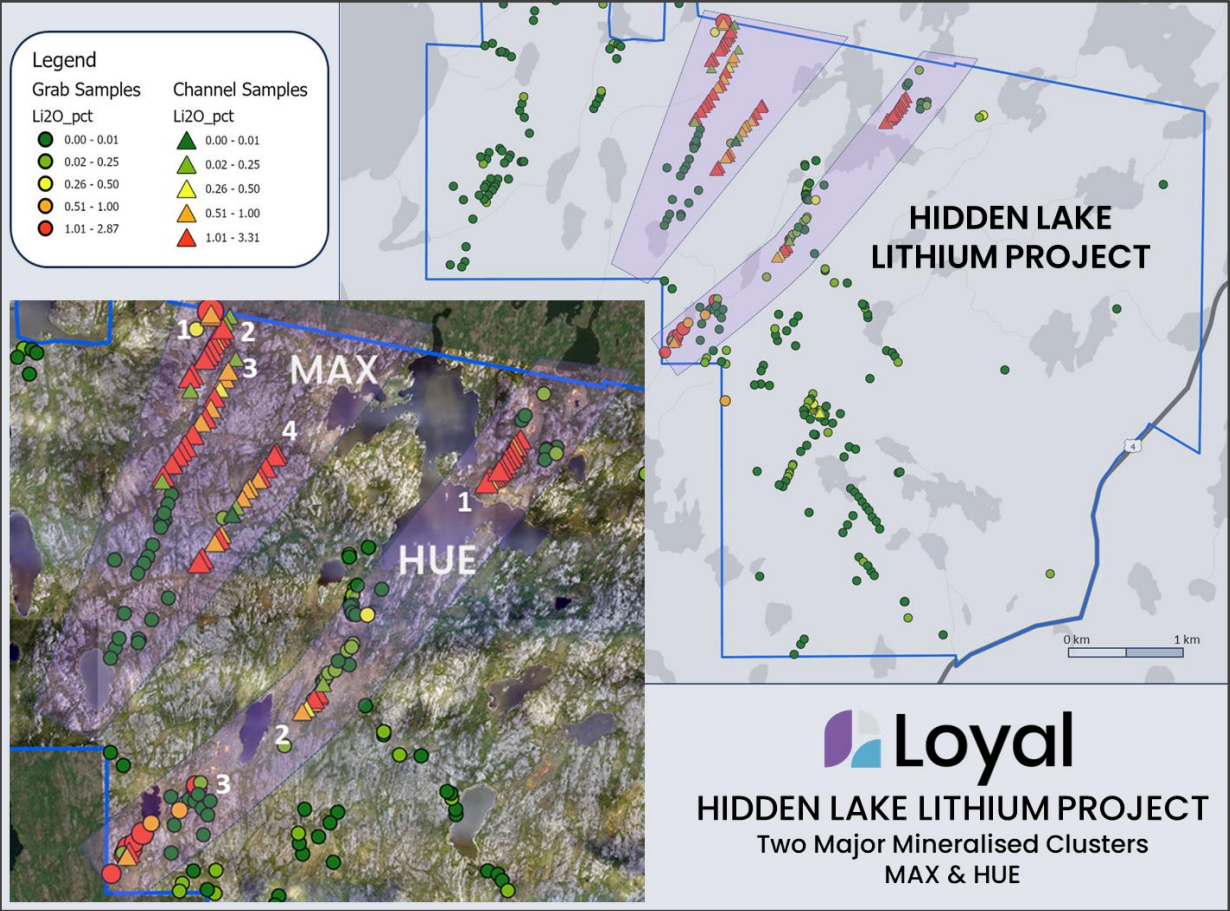


Trieste Lithium Project

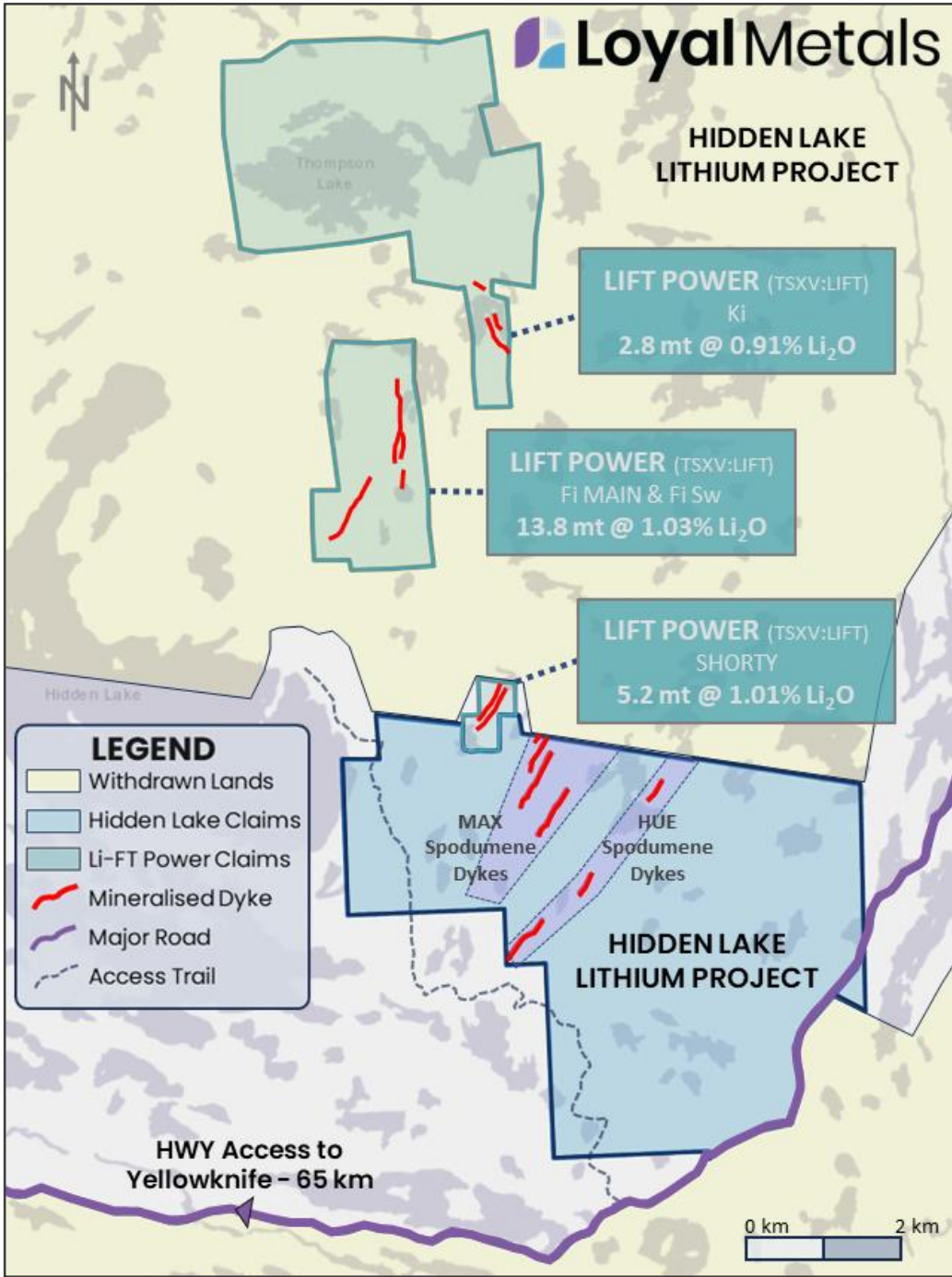
James Bay Lithium District
Quebec, Canada

Hidden Lake Lithium Project

Under Explored Yet Understood



The 100% owned Hidden Lake Lithium Project, with 3.25km of mineralised pegmatites at surface, contains two major mineralised clusters, MAX & HUE, containing seven dykes in an emerging spodumene district with premier access to infrastructure.



Hidden Lake Lithium Project

Why We Love It – Mineable



Surface exposures and drill intercepts imply favourable mining geometries for both open cut and underground operations.

10 drill holes (30 – 50 m) confirm mineralisation with grades up to 1.81% Li_2O ; open along strike and at depth.

