



ASX LLM

Our Electric Future

The Highway Reward

Copper Gold Mine

Investor Presentation

September 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.

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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 2025 "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.

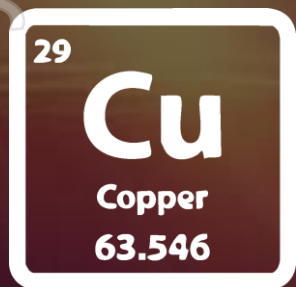
2025 – Key Points

1. **U.S.A:** President Trump declared a National Energy Emergency
2. **CHINA:** Introduced its "First Energy Law"
3. **COPPER:** Futures prices surged to all-time highs (US\$5.50/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 Resource Potential

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



Significant Exploration Upside

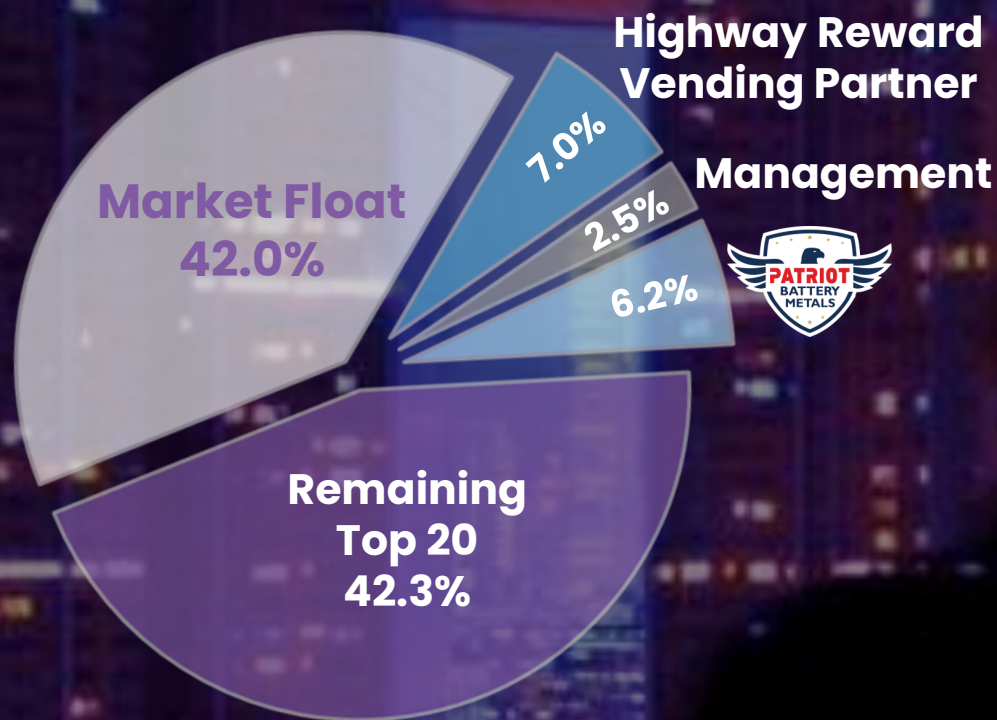
Exploration potential for new discoveries both along strike and at depth, as previous mining only reached depths of 220m for open pit and 390m for underground operations, with limited exploration beyond mined zones.

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Corporate Overview



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



Shares on Issue	139.7M ⁽¹⁾	Share Price	28.0c ⁽²⁾
Market Cap	39.1M	Cash & Credits	5.8M ⁽³⁾
Debt	Nil	Enterprise Value	33.3M

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(1) Post-IFG Acquisition (2) LLM Share price at 19 September 2025 (3) Total funds available A\$5.77m - A\$2.08m in bank cash at 30 June, A\$1.53m received in early July (Sales Tax refunds and Quebec Mining Tax credits), A\$158k forecasted over the coming quarters (Sales Tax refunds and Quebec Mining Tax credits), A\$2.0m via 4 August 2025 Capital Raise.



Highway Reward Copper Gold Mine

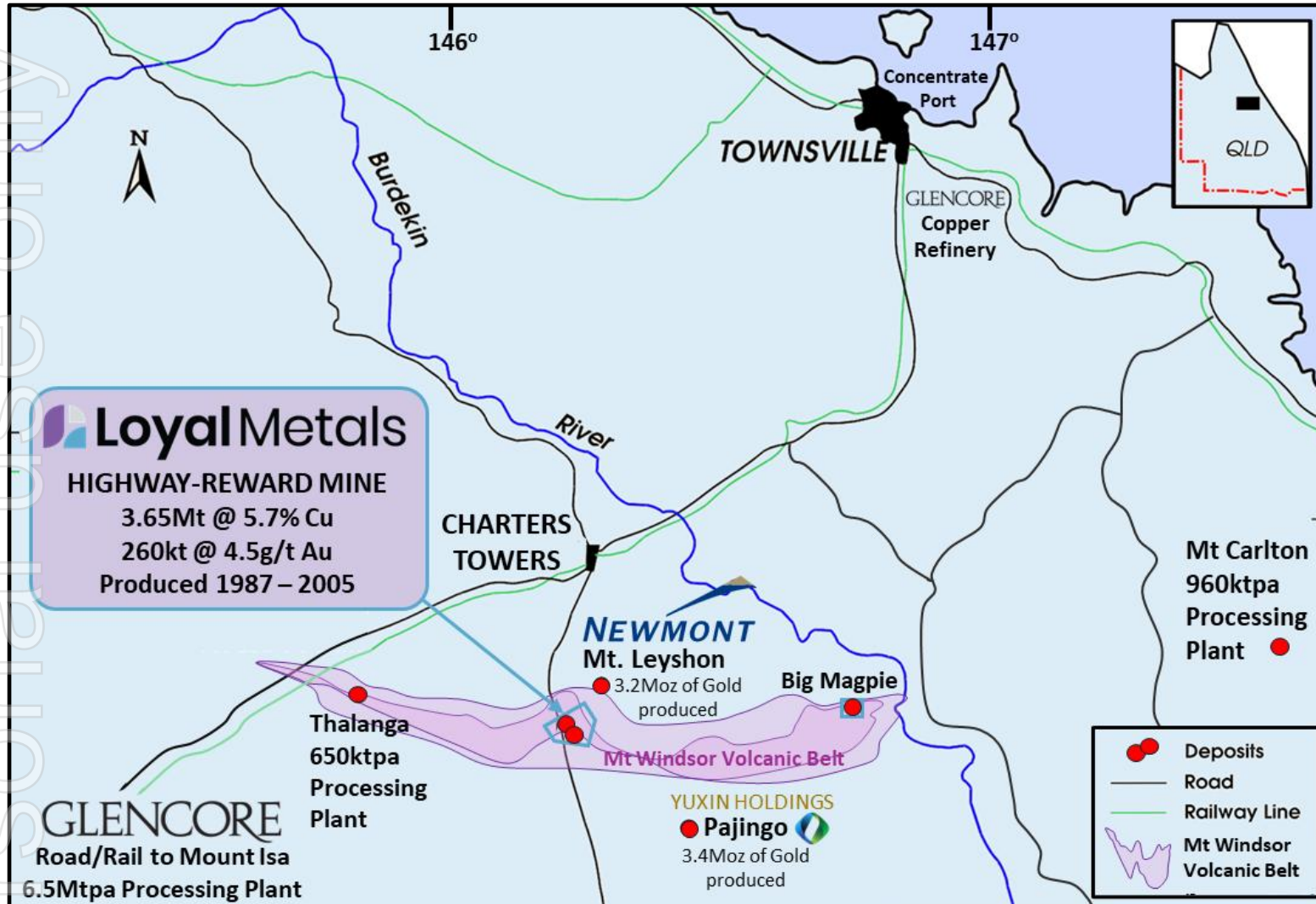
Queensland, Australia

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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%

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

**REMNANT
RESOURCE POTENTIAL**

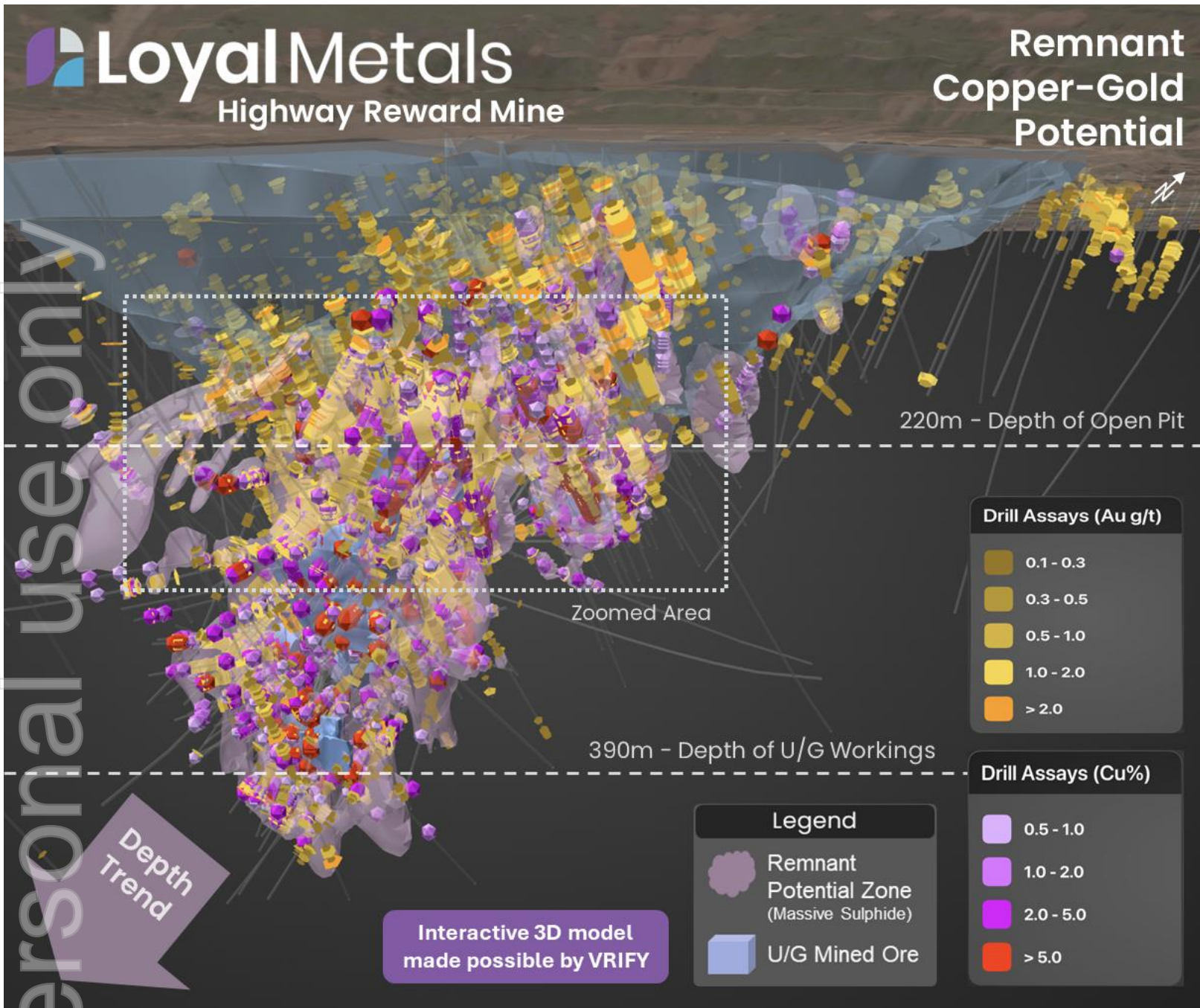
Loyal Metals has verified ~122,000m of past copper-gold drilling at Highway Reward, confirming world-class scale and grade.

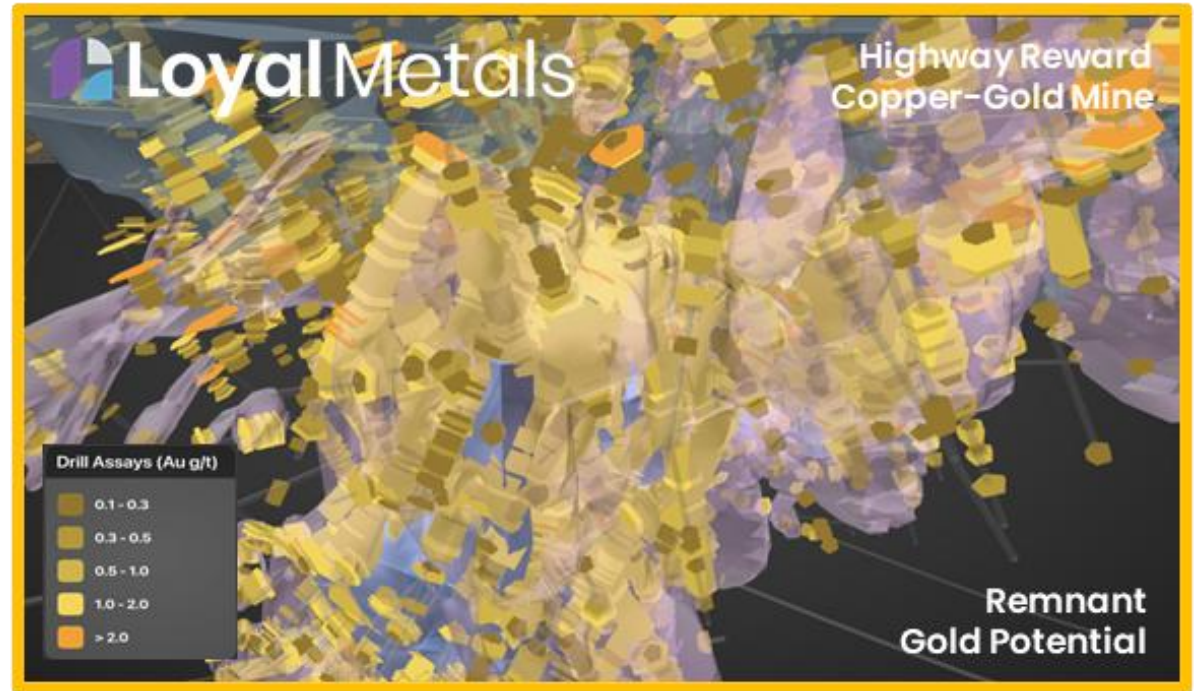
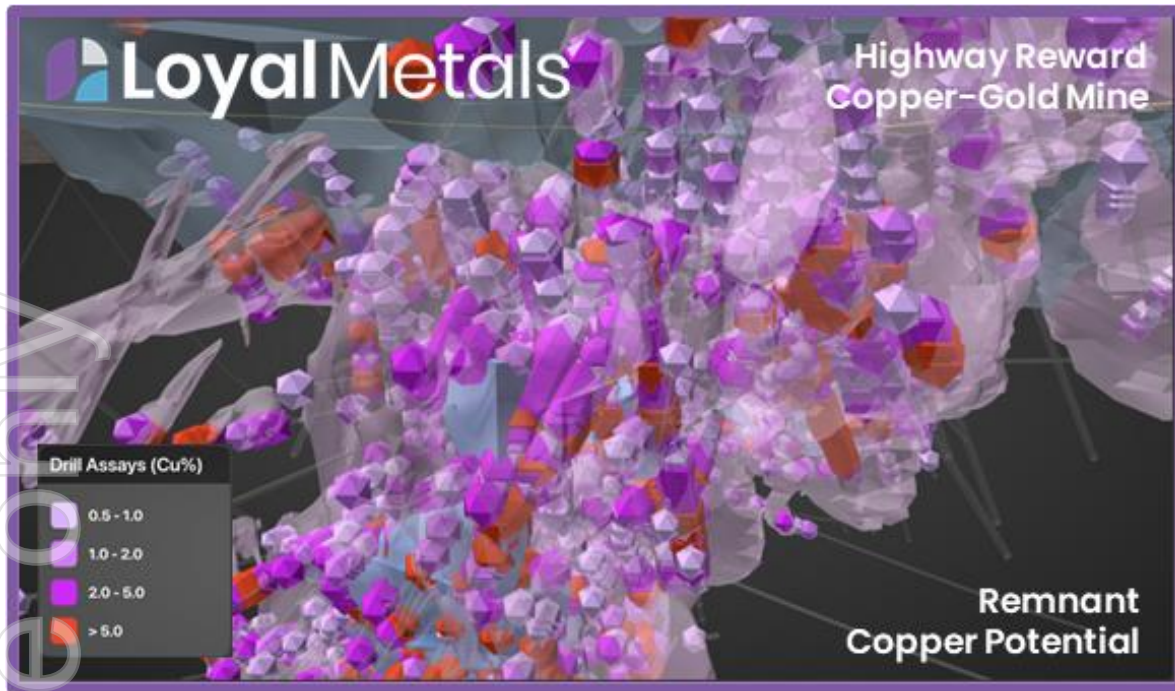
Past mining focused on high-grade copper only, gold was not considered, leaving substantial remnant unmined copper-gold mineralisation near open pit and underground workings.

VRIFY's interactive 3D model highlights the remnant resource potential and directly supports the next steps of targeted drilling and mineral resource evaluation.

Link to VRIFY's Interactive 3D Model
<https://vrify.com/decks/20158>

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Highway Reward Copper-Gold Mine

Top 10 Remnant Unmined Copper Drilling Intercepts

Hole Name	from (m)	to (m)	Length (m)	Cu (%)
PDR4000008	164	197	33	5.0
DDR4000006	152	182	30	5.1
RPHY0893	95	133	38	3.9
RPRE000774	116	142	26	5.0
REW862	6	17	11	12.9
REWD0975	38	59	21	5.7
REW0903	51	90	39	3.5
RPNR0803	203	230	27	4.3
RPNR0798	138	170	32	3.4
REW0937	129	140	11	9.3

Highway Reward Copper-Gold Mine

Top 10 Remnant Unmined Gold Drilling Intercepts

Hole Name	from (m)	to (m)	Length (m)	Au (g/t)
PDR1000054	75	77	2	105.4
PDR1000047	243	253	10	17.7
PDR1000047	259	269	10	14.3
RPHY0816	164	229	65	1.5
RPRE000598	50	78	28	3.4
RPHY0893	61	155	94	0.9
RDR1000086	132	153	21	3.5
RPNR0782	99	121	22	3.0
RDRE000122	136	153	17	3.9
REW0906	49	132	83	0.9

Highway Reward – 3D Model

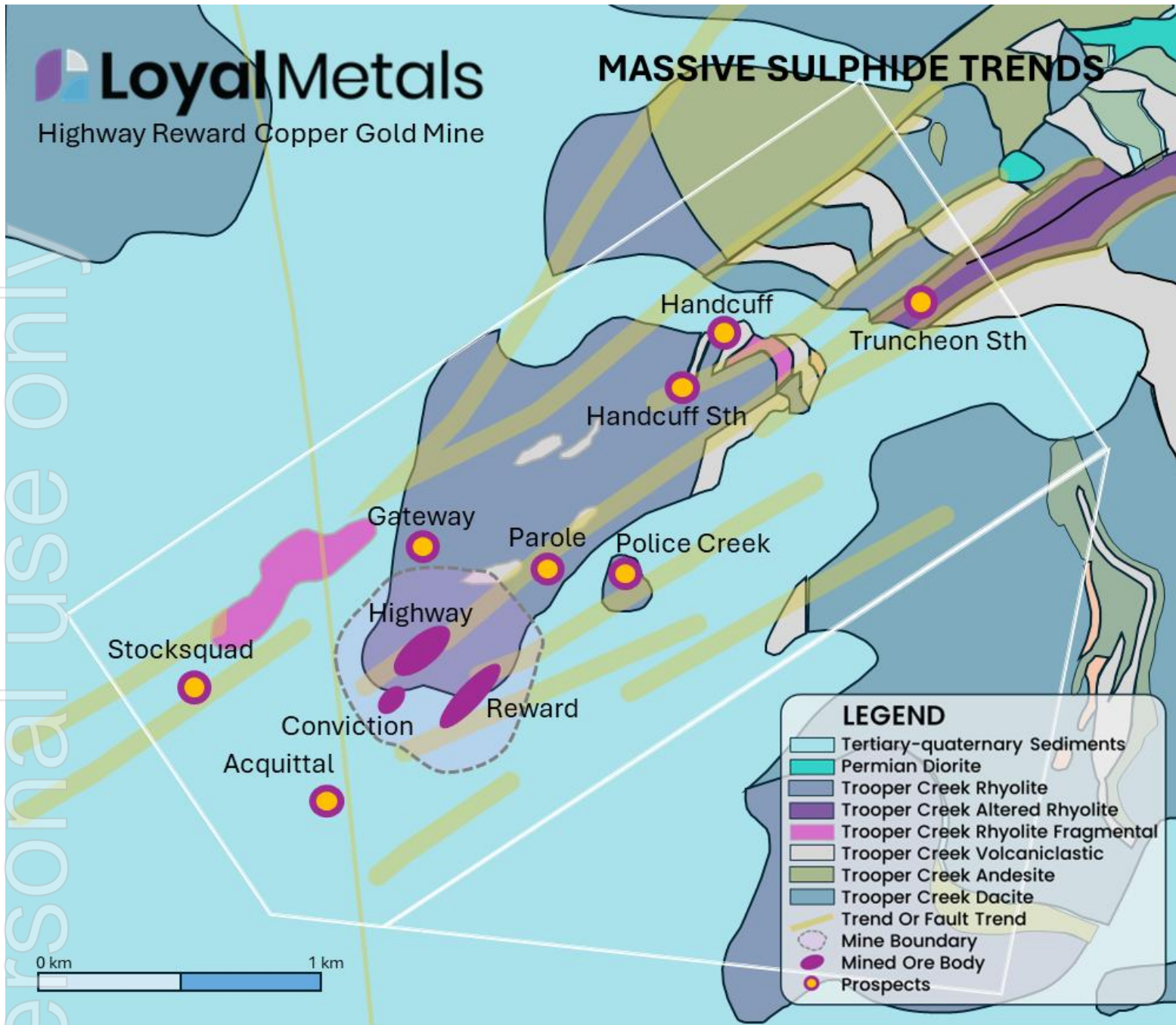


Link to VRIFY's Interactive 3D Model

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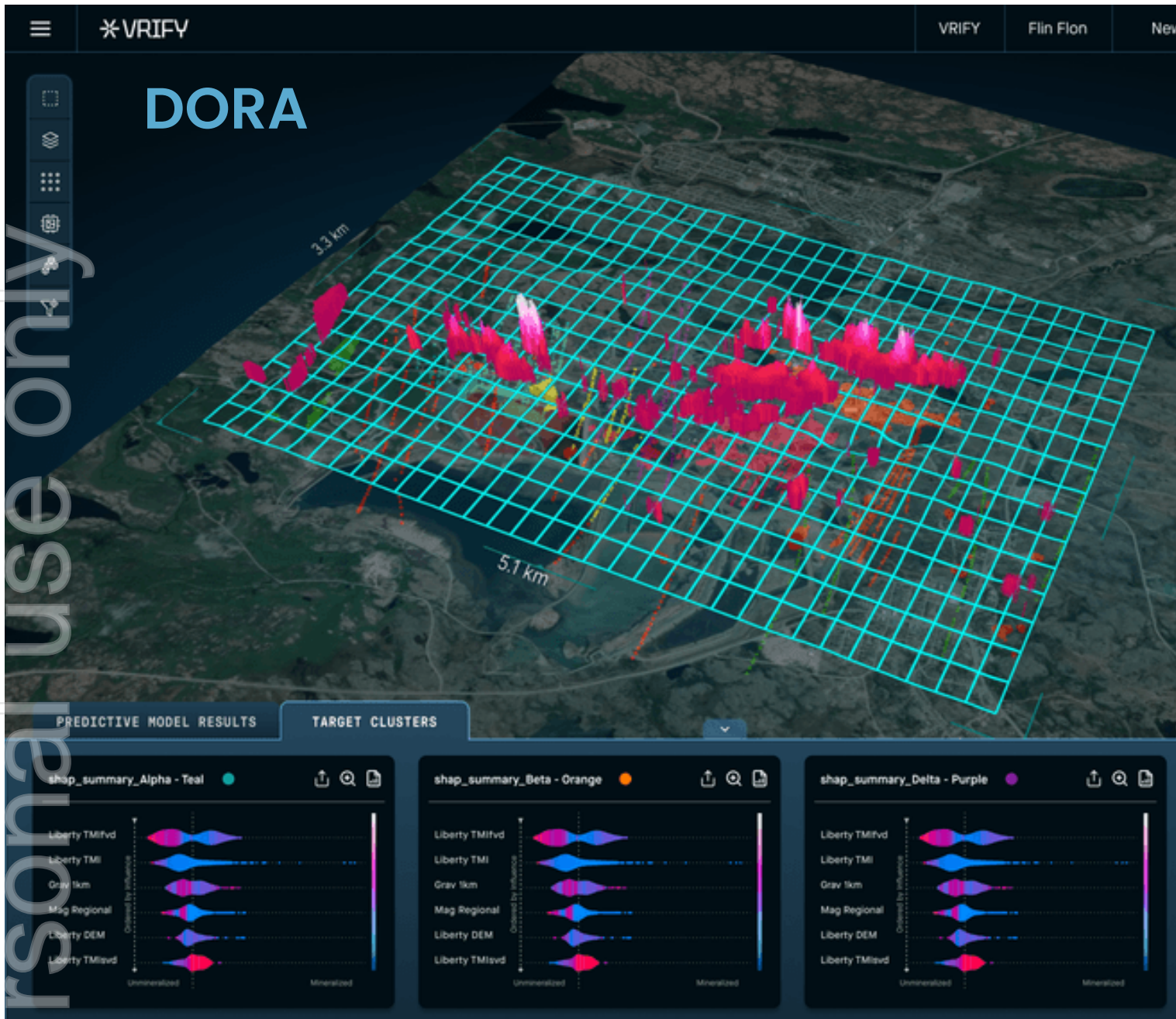
MASSIVE SULPHIDE TRENDS



SIGNIFICANT EXPLORATION UPSIDE

The Highway Reward Copper Gold Mine displays a 3km strike of favourable northeast 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, significant potential exists for identifying new discoveries across the mining leases.



Loyal Metals

AI GENERATED DRILLING TARGETS

VRIFY's DORA Platform is the world's first AI-powered platform designed specifically for mineral exploration, enabling geoscientists to transform vast and complex geological datasets into actionable insights for faster and more confident discovery decisions.

By integrating proprietary AI algorithms with one of the industry's largest geological databases, DORA processes and enhances exploration data—including historical records, geophysical surveys, and drill results—to identify high-potential mineralization targets, reduce exploration risk, and accelerate the path to discovery.

A Loyal Future

News Flow Ahead

HIGHWAY REWARD COPPER-GOLD PROJECT

Understand the Remnant Resource Potential

- Accelerated Digitisation and Data Consolidation
- Past Drilling Verified & Advanced Visuals
- Remnant Resource Evaluation & Associated Drilling

Testing the Significant Exploration Upside

- Drone-based High-Resolution Geophysics (MobileMTd)
- Advanced 3D Modelling
- Generation of AI Exploration Targets
- Targeted Drilling Campaign

Q3 2025

Q4 2025

2026





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Adam Ritchie

Managing Director

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Thank You.

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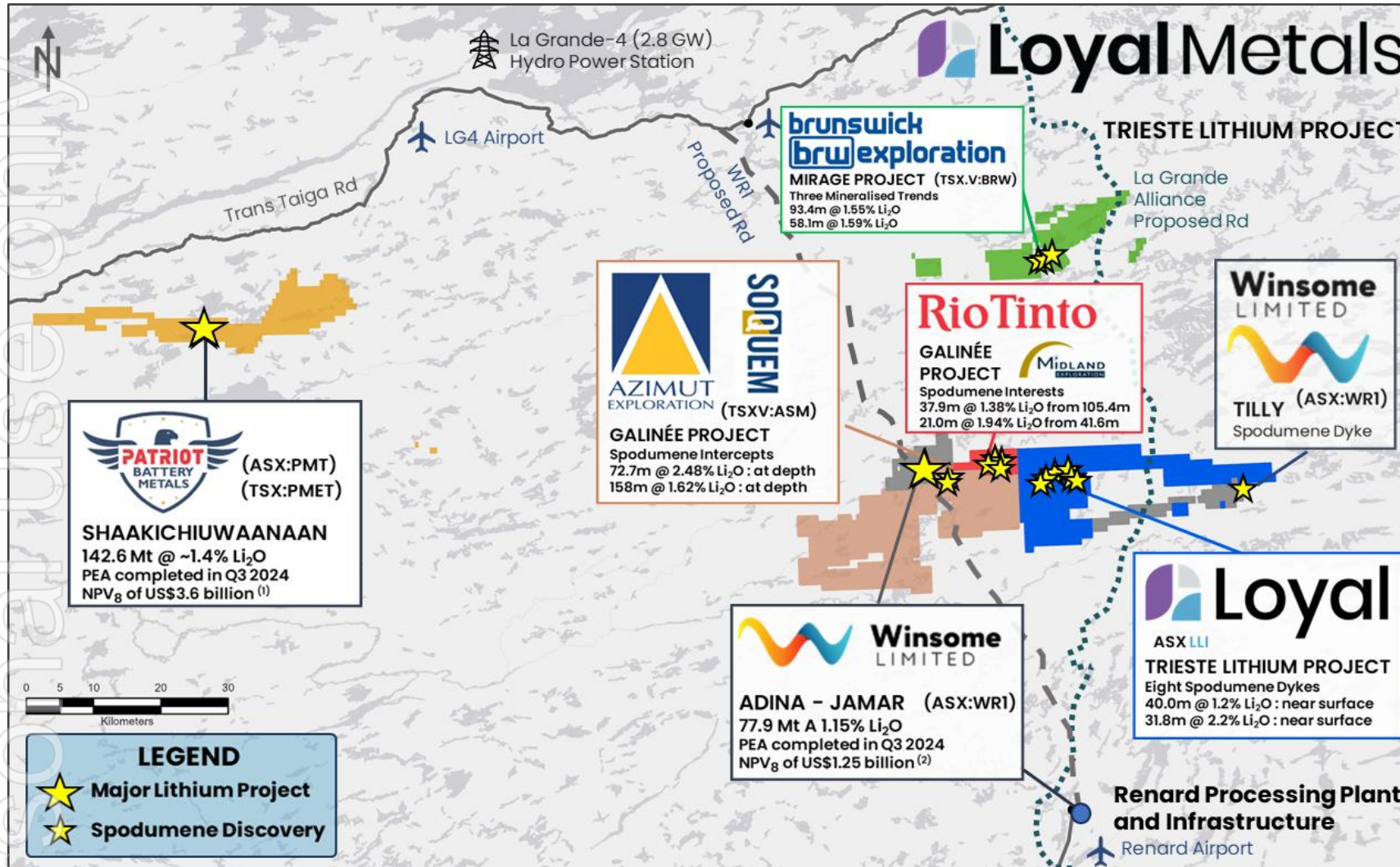
Trieste Lithium Project

James Bay Lithium District
Quebec, Canada



Trieste Lithium Project

James Bay Lithium District



COLLABORATIVE APPROACH

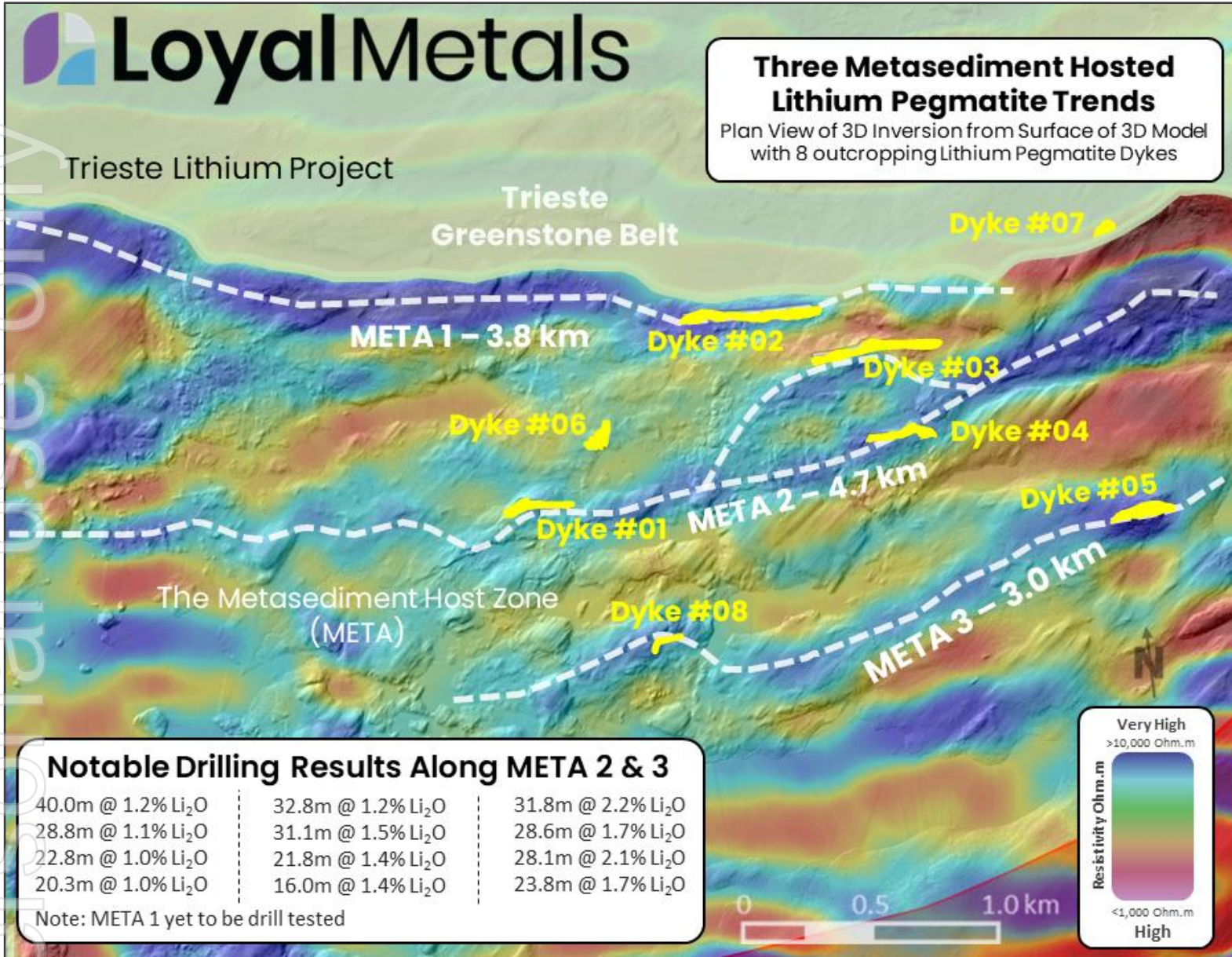
“The Trieste Greenstone Belt is taking shape with regional robust projects advancing to development with infrastructure synergy potential.”

“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 Limited

(1) Patriot Battery Metals 21 August 2024 announcement (TSX: PMET) (ASX: PMT)
(2) Winsome Resources 17 September 2024 announcement (ASX: WRI) (FSE: 4XJ)

Trieste Lithium Project



Notable Drilling Results Along META 2 & 3

40.0m @ 1.2% Li ₂ O	32.8m @ 1.2% Li ₂ O	31.8m @ 2.2% Li ₂ O
28.8m @ 1.1% Li ₂ O	31.1m @ 1.5% Li ₂ O	28.6m @ 1.7% Li ₂ O
22.8m @ 1.0% Li ₂ O	21.8m @ 1.4% Li ₂ O	28.1m @ 2.1% Li ₂ O
20.3m @ 1.0% Li ₂ O	16.0m @ 1.4% Li ₂ O	23.8m @ 1.7% Li ₂ O

Note: META 1 yet to be drill tested

DRILLING SUCCESS

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

The MobileMTm 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.

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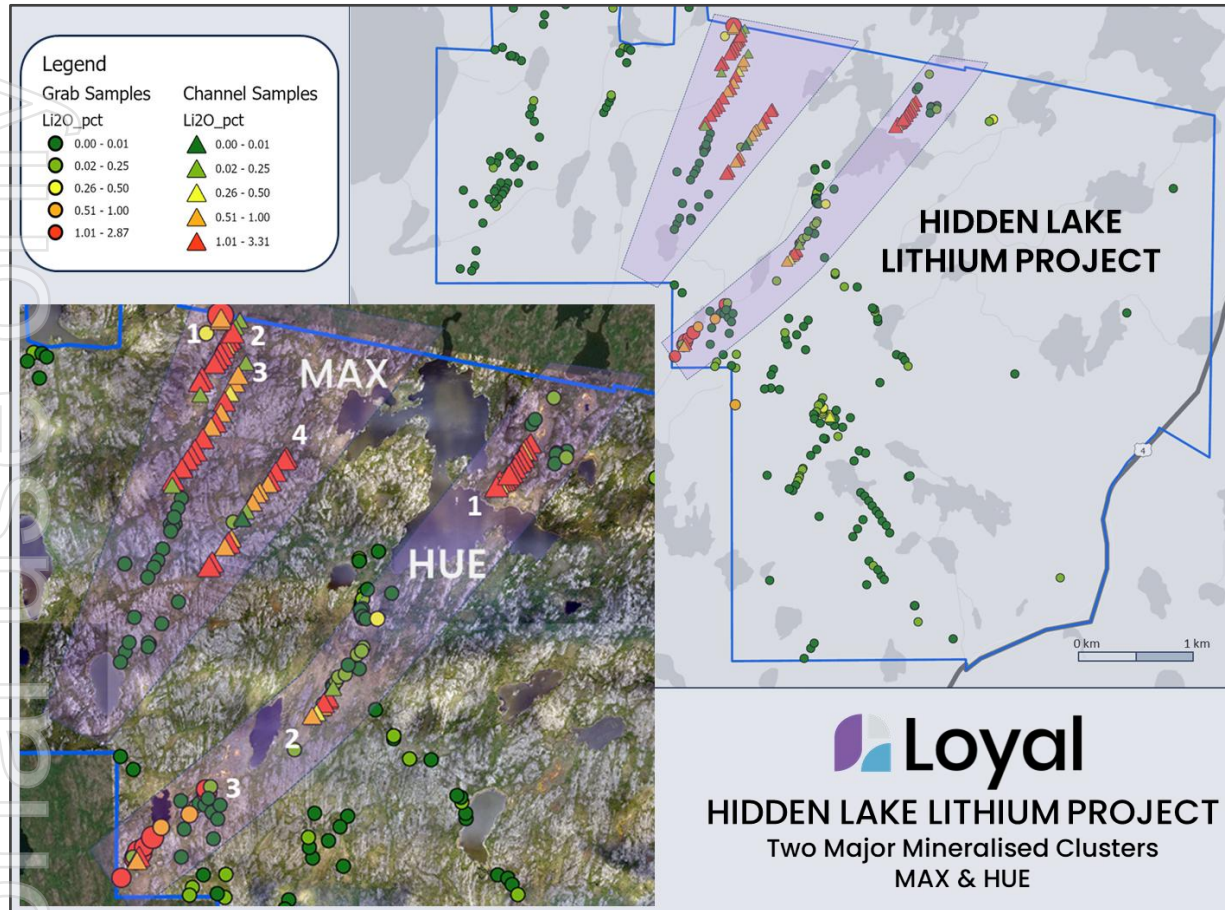
Hidden Lake Lithium Project

Yellowknife Lithium Belt

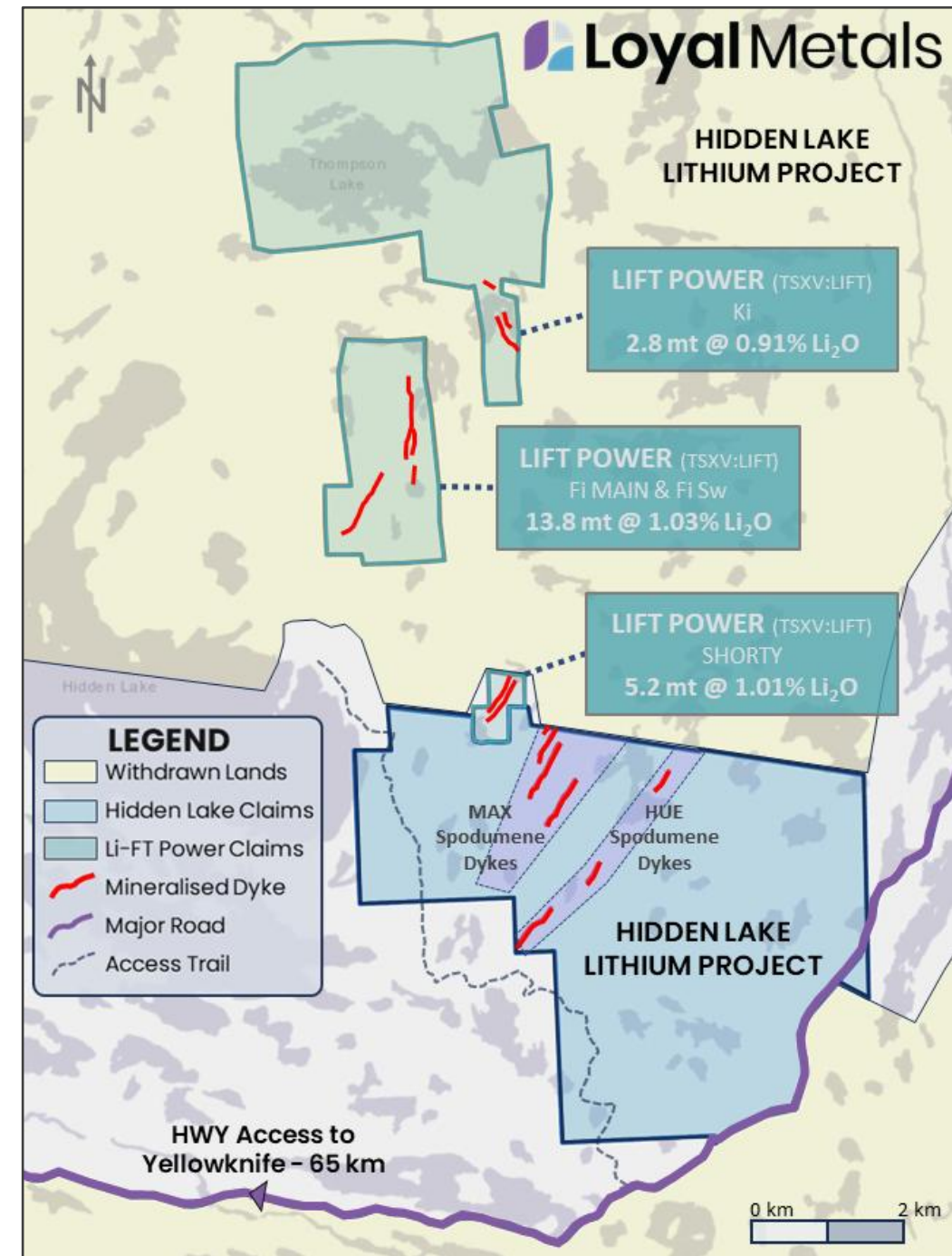
Northwest Territories, Canada

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



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

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

