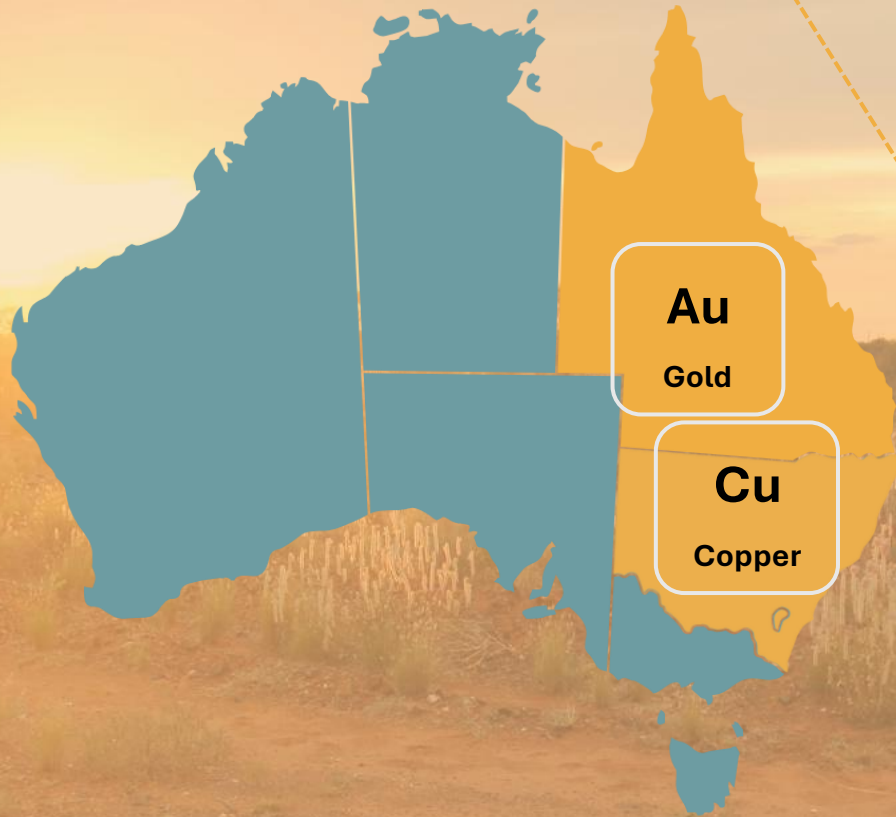




**Lightning
Minerals**



ACQUISITION OF ADVANCED GOLD AND COPPER OPPORTUNITIES IN AUSTRALIA

GOLD AND COPPER TODAY. LITHIUM TOMORROW

ASX:L1M ⚡ www.lightningminerals.com.au

Important Notice and Legal Disclaimer

This presentation has been prepared by Lightning Minerals Ltd ACN 656 005 122 ('Company') to provide readers with background information only to obtain a general understanding of the Company's plans and objectives in the context of its proposed commercial activities. This presentation is to be treated as confidential information. The recipient of this presentation must not copy, reproduce or distribute it to any person, other than where expressly agreed with the Company.

This presentation does not purport to contain all information readers may require or consider material in respect of evaluating any potential investment in the Company. Certain information has not been included in this presentation although the reader may consider such information to be necessary to its decision as to whether to invest in the Company. The information contained in this presentation is of a general nature only. It has been sourced from publicly available information as well as non-public information. Neither the Company, nor any of its other advisors, has verified or conducted an independent appraisal of the information contained in this presentation (including forward-looking statements) and none of them is under any obligation to correct, update or revise this presentation or any information in it. Readers must rely on their own independent enquiries in respect of all information contained in this presentation.

This presentation is not and should not be considered as an offer or invitation to apply for or purchase any securities in the Company. No agreement to subscribe for the securities of the Company will be entered into on the basis of this presentation. This presentation is not a prospectus or other disclosure document under the Corporations Act 2001 (Cth) and does not contain all of the information a prospective investor may reasonably require making an investment decision. This presentation contains summary information and does not take into account the investment objectives, financial situation and particular needs of an individual investor. Before participating in any transaction with the Company, readers should consider the appropriateness of the information having regard to their own objectives, financial situation and needs, and seek legal, taxation and financial advice appropriate to their jurisdiction and circumstances. This presentation is not financial product advice. The Company is not licensed to give and does not provide financial advice. Readers must not rely on this presentation, and it is assumed by the Company that readers are capable to make their own independent assessment and seek and rely upon their own independent taxation, legal, financial or other professional advice.

Neither the Company, nor any of the Company's directors, officers, employees and advisors, shall have any liability (whether arising from negligence or otherwise) for any representations or warranties (expressed or implied) or any information contained in, or any omissions from, this presentation (including forward-looking statements) or any written or oral communications transmitted to the reader in the course of its evaluation to participate in a potential transaction with the Company.

No representation or warranty, express or implied, is given as to the fairness, accuracy, completeness, correctness, reliability or adequacy of any statements, estimates, opinions or other information, or the reasonableness of any assumption or other statement contained in this presentation (any of which may change without notice), or the likelihood of achievement or reasonableness of forward-looking or prospective statements (if any) contained in the presentation.

Forward-looking or prospective statements (which may be identified by words such as 'may', 'could', 'believes', 'estimates', 'targets', 'expects', or 'intends' and other similar words) are by their nature subject to significant uncertainties, risks and contingencies. The forward-looking or prospective statements in this presentation have been based on current expectations about future events and are subject to risks, uncertainties and assumptions that could cause actual results to differ materially from the expectations described. In particular, the Company notes that it is at an early stage of development. While the Company considers that the expectations and plans reflected in this presentation are reasonable on the basis of the experience of the key management personnel of the Company, independent third-party information and the work done to date, neither the Company nor any other person gives any representation, assurance or guarantee that the occurrence of the events expressed or implied in any forward-looking statements in this presentation will actually occur and you are cautioned not to place undue reliance on those forward-looking statements.

An investment in the Company is subject to risk factors that may have a material adverse effect on the Company's future operating and financial performance. "Risk" refers both to the variability and volatility of an investment return (the possibility of a fluctuation or decrease in the amount of income generated, or a lower-than-expected rate of return) and the likelihood of incurring a loss on your investment (the possibility that you will lose some or the entire initial amount invested).

To the maximum extent permitted by law, the Company and its professional advisors and their related bodies corporate, affiliates and each of their respective directors, officers, partners, employees, advisers and agents and any other person involved in the preparation of this presentation disclaim all liability and responsibility for any direct or indirect loss or damage which may arise or be suffered through use of or reliance on anything contained in, or omitted from, this presentation. Neither the Company nor its advisors have any responsibility or obligation to update this presentation or inform the reader of any matter arising or coming to their notice after the date of this presentation document which may affect any matter referred to in the presentation.

Investment Rationale – Acquisition of Lotus Minerals

PORTFOLIO SYNERGY, NOT DIVERSION – BROWNFIELD PROJECT ACQUISITION WITH NEAR-TERM DRILLING²⁷

PORTFOLIO SYNERGY



Natural hedge against lithium price cycles

Energy-transition relevance: EV and grid-storage demand

Separate business units: East Coast gold and copper, Brazil lithium

DEAL STRUCTURE AND MILESTONES



Milestone-based earn-in anchored by strong existing IP

Near-term drilling targets to generate meaningful news flow

Balanced with **ongoing lithium commitment** in Brazil

TIER-1 JURISDICTIONS



Key tenements in QLD Goldfields and NSW's Lachlan Fold Belt

Infrastructure-rich: road, rail, power, access and tier-1 operators

Historical exploration and advanced targeting: previous exploration

(e.g. Mt Turner) delivers de-risked, near-term drill readiness

Porphyry potential in NSW and QLD: world-class neighbours and operations

Ongoing target generation: ability to execute lithium targets in Brazil's Lithium

Valley when sentiment turns

GOLD AND COPPER TODAY. LITHIUM TOMORROW.

Gold: resilient and at record prices

Copper: essential for electrification and renewable-energy build-out

Lithium: demand continues surging with global EV and storage rollout

Au

Gold

Cu

Copper

Li

Lithium

Multi-Commodity Strategy: Gold & Copper with a Lithium Advantage

CRITICAL-MINERALS DELIVERING PRECIOUS-METALS EXPOSURE AND A NATURAL HEDGE FOR INVESTORS

ASSETS ACQUIRED	STRUCTURE
QLD Gold and Copper Projects: 4 granted licences in Far North Queensland NSW Copper–Gold Projects: 3 exploration licences in the Lachlan Fold Belt	Agreements with deferred vendor milestone components based on progress and success 100% ownership with no farm-in or joint-venture encumbrances

COMPONENT	CONSIDERATION (L1M ORD SHARES)	CONDITIONS
Initial Consideration	30,000,000	Upfront
Milestone 1	10,000,000	Completion of drilling at least 1,000m
Milestone 2	20,000,000	250,000 oz Au or Au Eq JORC Inferred Resource
Milestone 3	30,000,000	500,000 oz Au or Au Eq JORC Inferred Resource



Capital Structure and Team

\$0.038

Share Price
(29 August 25)

\$7.32M

Market Cap*

\$1.45M

Cash
(29 August 2025)

188M

Shares on Issue*

72M

Options*

46M

Performance Rights
(29 August 2025)

*Post completion and issue of transaction related shares



Alex Biggs
MANAGING DIRECTOR



Craig Sharpe
INTERIM NON-EXECUTIVE CHAIRMAN



Jamie Day
NON-EXECUTIVE DIRECTOR

Mr Biggs is a Mining and Mechanical Engineer with over 20 years' experience in the engineering and mining sectors. Mr Biggs is currently a Non-Executive Director at Metals Australia Ltd (ASX) and previously Managing Director of Critical Resources Ltd (ASX). He has held management and operational positions at Venturex Resources, Palisade Capital Corporation, Barrick Gold, and Principal level positions in consultancy and advisory capacities.

Mr Sharpe has over 25 years of experience across the finance sector in the Asia Pacific region. He is an experienced Company Director and Financial Advisor with a demonstrated history of working in the equity markets. Including over 25 years' experience in the Australian stock market. Mr Sharpe is skilled in corporate governance, strategy, portfolio management and investments and is a MBA graduate of Monash University and a member of the Australian Institute of Company Directors.

Mr Day is a qualified Geologist with over 30 years experience with a BSc (Hons) in Applied Geology and MSc in Mineral Exploration. Mr Day was Exploration Manager at Lontown Resources (ASX: LTR) where he led the team that discovered the Kathleen Valley project (156Mt @ 1.4% Li₂O) and Buldania project (15Mt @ 1.0% Li₂O). He led the team that discovered the Rosie and C2 nickel sulphide deposits for Independence Group (ASX: IGO) and played a key role in the delineation of >1 Million ounces of gold at the Moolart Well deposit.

Advanced Gold and Copper Projects in Australia

STRATEGIC GROWTH AND DIVERSIFICATION IN GOLD AND CRITICAL MINERALS THROUGH ACQUISITION OF LOTUS MINERALS

Near Term Drilling and News Flow: Results across multiple project areas demonstrate opportunity to drill targets in the near-term both with gold and copper targets. Significant news flow to be generated across both commodities

Tier-1 Discovery Potential and IP: Strong historical results, geology, location and deposit style indicate potential for scale. Acquisition will also bring project specific personnel and IP accelerating works

Diversifies and Strengthens Portfolio: Adds gold and copper exposure to complement Lightning's lithium focus, enhancing growth opportunities across high-demand commodities

Macro Tailwinds: Gold remains resilient at near-record prices. Copper is a high demand critical mineral into the future. Lithium demand continues to surge with global electrification and energy transition

Milestone Based Deal: Deal is based on success and achievement of project related milestones with strong existing IP to accelerate drilling and exploration strategies

Balanced Growth Strategy: Maintains commitment to lithium in Brazil while seizing a compelling gold and copper opportunity with near term news flow and proven mineralisation



Acquisition of Lotus Minerals

DRILL READY TARGETS AND SIGNIFICANT DISCOVERY POTENTIAL IN QUEENSLAND AND NEW SOUTH WALES

QUEENSLAND

Two projects (**Mt Turner** and **Warby Scardon**) in the highly prospective Georgetown Inlier in the North Queensland Region covering 829km²

Prospective for orogenic gold and Cu-Au porphyry systems with multiple drill ready targets at the Mt Turner project

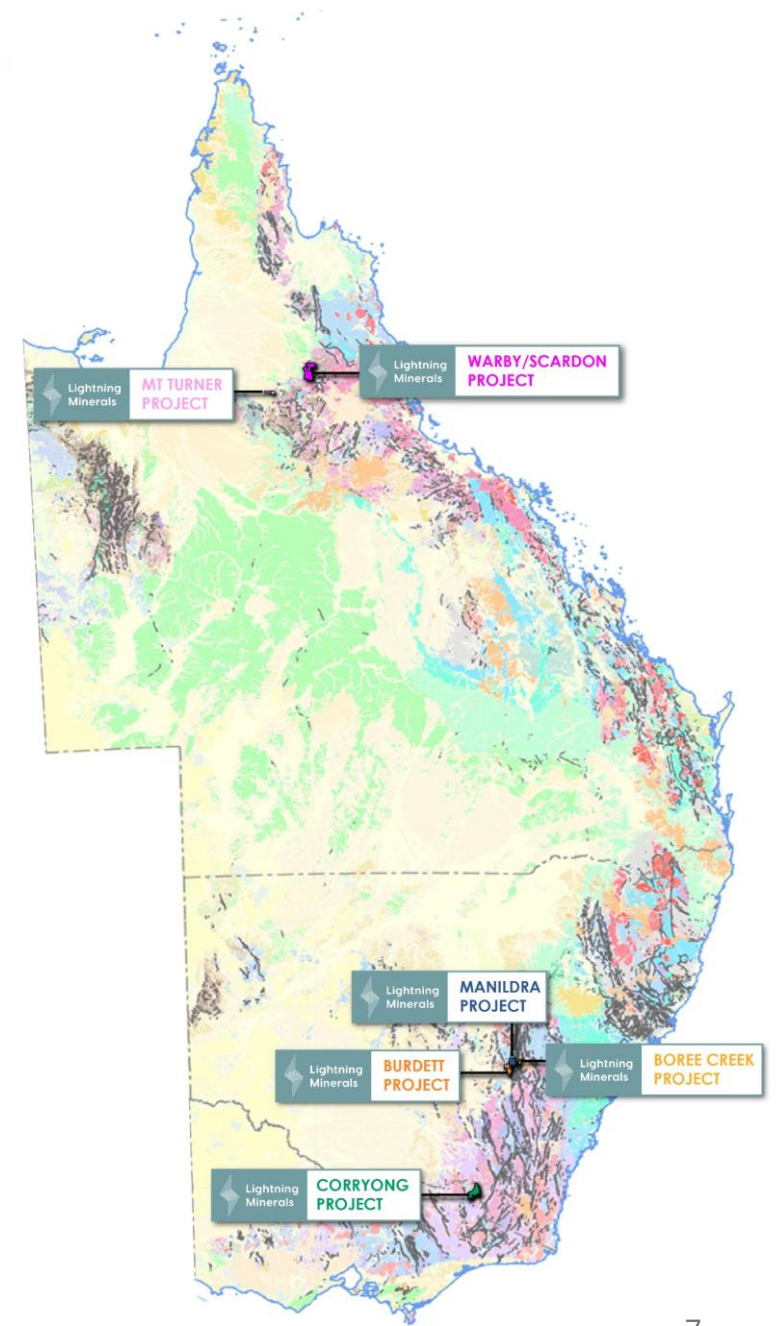
Immediate exploration target area to focus on five historical shallow oxide pits occurring along a 14km strike of prospective fault system

Previous historic (Non JORC compliant) ^{1a} drilling to guide exploration. Near-term drill targets beneath pits and along strike

NEW SOUTH WALES

Three projects covering 788km² (**Boree Creek**, **Burdett** and **Manildra**) located in the prolific Lachlan Fold Belt between the Northparkes project (Evolution Mining (ASX: EVN)) and Cadia Valley projects (Newmont Mining (ASX: NEM))

Highly prospective for Cu-Au porphyry systems with historic drill results including 48m @ 0.35% Cu and 0.31g/ t Au from 96m (RC94DH06) ^{2a}



Mount Turner Gold Project

CLEAR GOLD TARGETS WITH HISTORICAL INTERCEPTS ALONG 14KM TREND

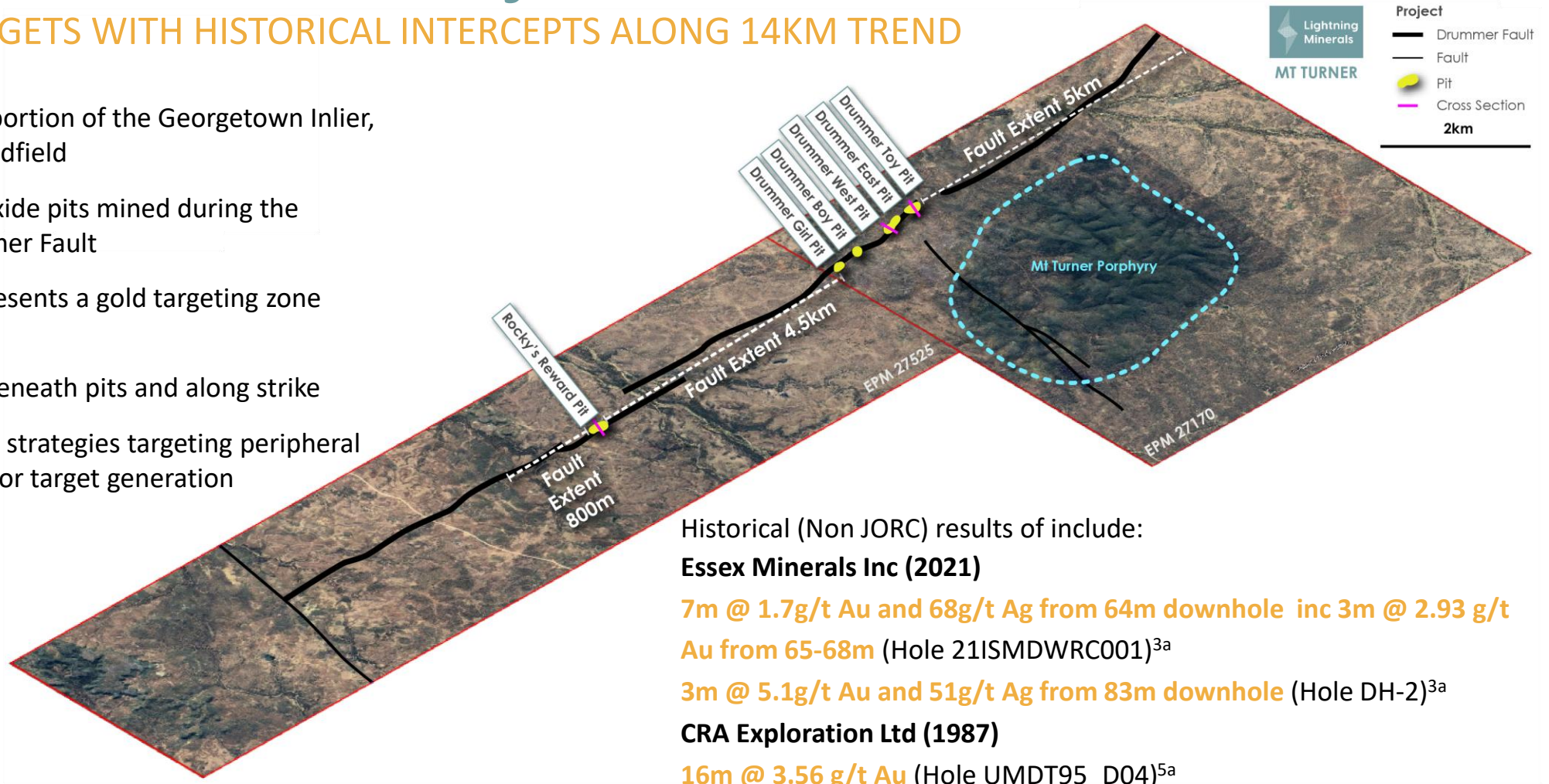
Located in the western portion of the Georgetown Inlier, within the Etheridge Goldfield

Five historical shallow oxide pits mined during the 1990's along the Drummer Fault

The Drummer fault represents a gold targeting zone over 14km of strike

Near term drill targets beneath pits and along strike

Further field exploration strategies targeting peripheral veins and soil sampling for target generation



Historical (Non JORC) results of include:

Essex Minerals Inc (2021)

7m @ 1.7g/t Au and 68g/t Ag from 64m downhole inc 3m @ 2.93 g/t

Au from 65-68m (Hole 21ISMDWRC001)^{3a}

3m @ 5.1g/t Au and 51g/t Ag from 83m downhole (Hole DH-2)^{3a}

CRA Exploration Ltd (1987)

16m @ 3.56 g/t Au (Hole UMDT95_D04)^{5a}

16.0m @ 3.60g/t Au (Hole UMDT95_D03)^{5a}

12m @ 6.5g/t Au (Hole UMDT95_D03)^{5a}

7.5m @ 1.6g/t Au (Hole QMCD83_D04)^{5a}

Mount Turner Gold Project

DRILL READY TARGETS WITH PREVIOUS INTERSECTIONS UNDER HISTORIC OPEN PITS

Drill plan – initial **1,000m** following project acquisition targeting beneath existing pits

Substantial historic exploration drilling data exists over project area accelerating future exploration

Proven gold mineralisation along Drummer fault – 14km of exploration potential

Historic mining – mining of oxide through open pits provides clear focus for initial drill targeting

Additional works include:

Airborne and ground based radiometrics

Aero-magnetics and LiDAR

Sampling and reconnaissance

Target generation along 14km trend



ROCKY'S REWARD PIT



DRUMMER TOY PIT

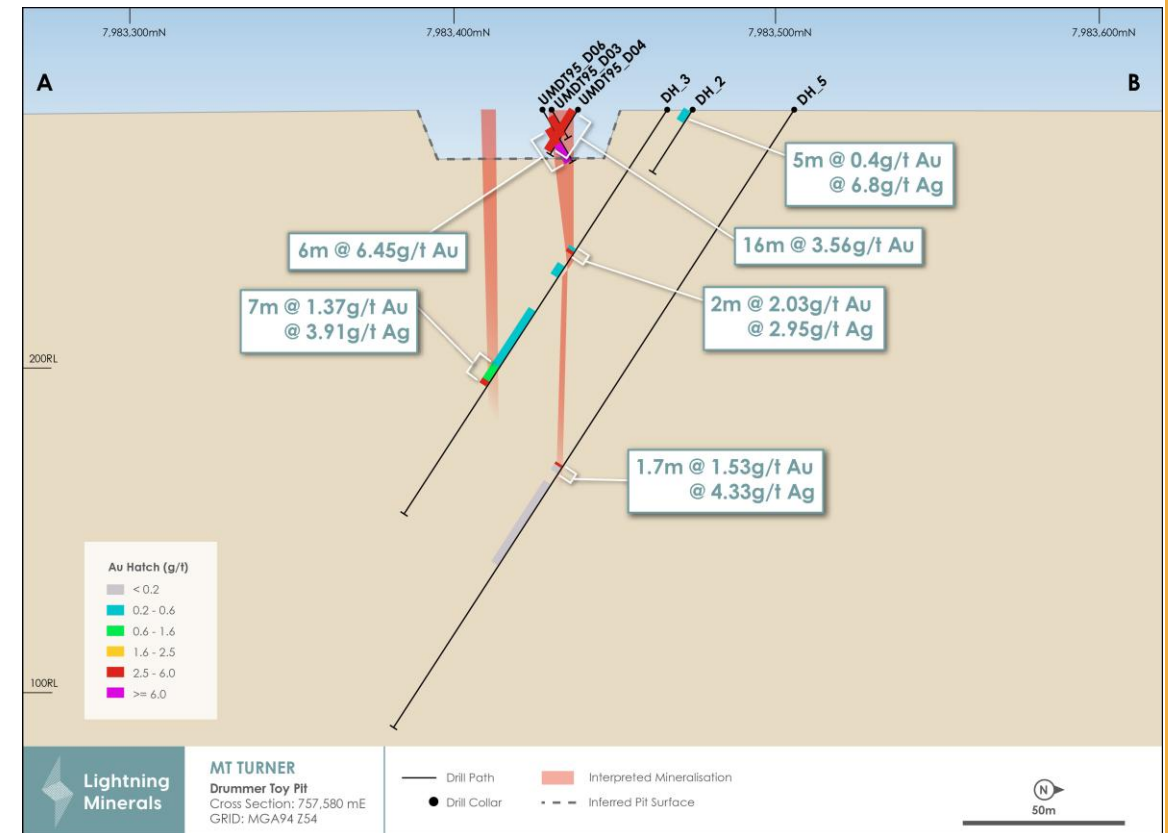
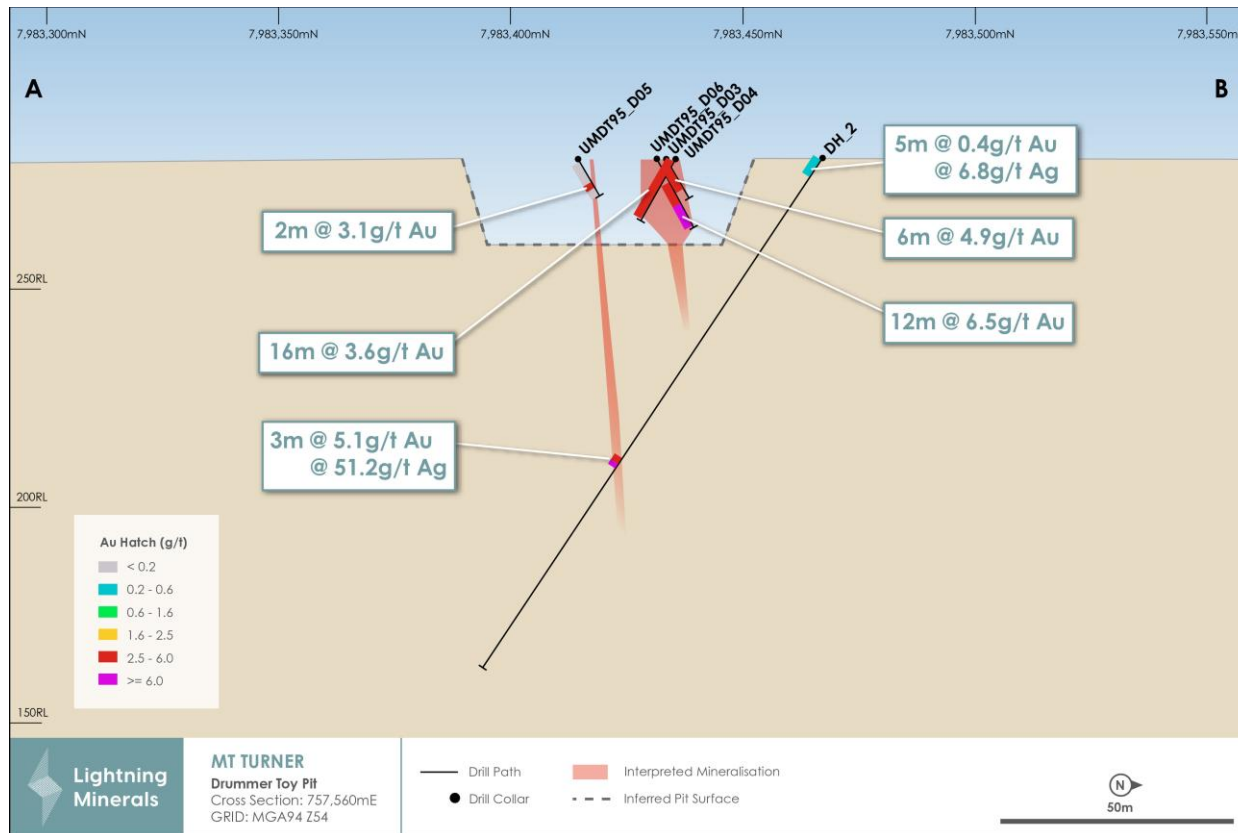


DRUMMER BOY PIT

Mount Turner Gold Project

MULTIPLE DRILL-READY TARGETS ALONG STRIKE AND BENEATH HISTORIC PITS

Short-term exploration will focus on **delineating plunging, breccia-hosted gold shoots along the Drummer Fault**, with additional potential for **hypogene gold mineralisation beneath shallow oxide pits**.



Note: Historical drill results shown are not considered to meet JORC 2012 standard, please refer to **Appendices - Disclaimer - Reporting of Historical Drilling** Reference 1 Relating to the Reporting on non JORC compliant drill results

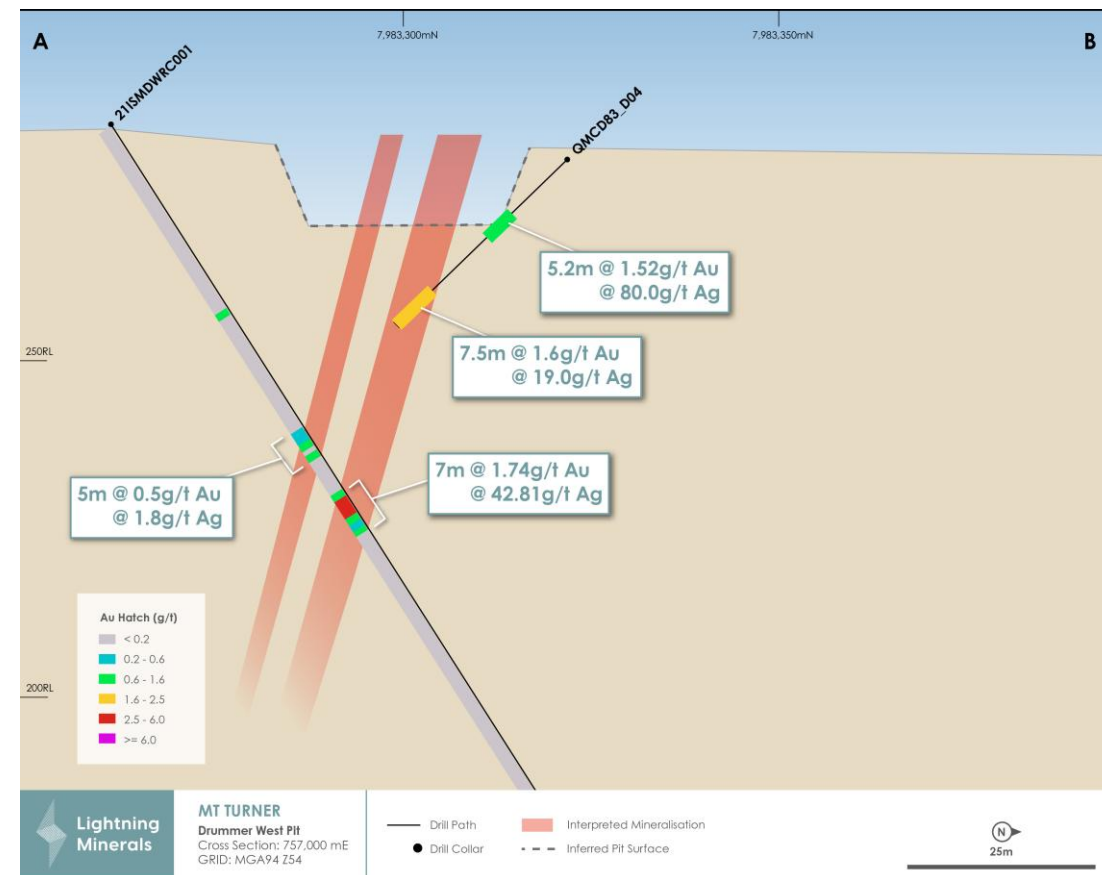
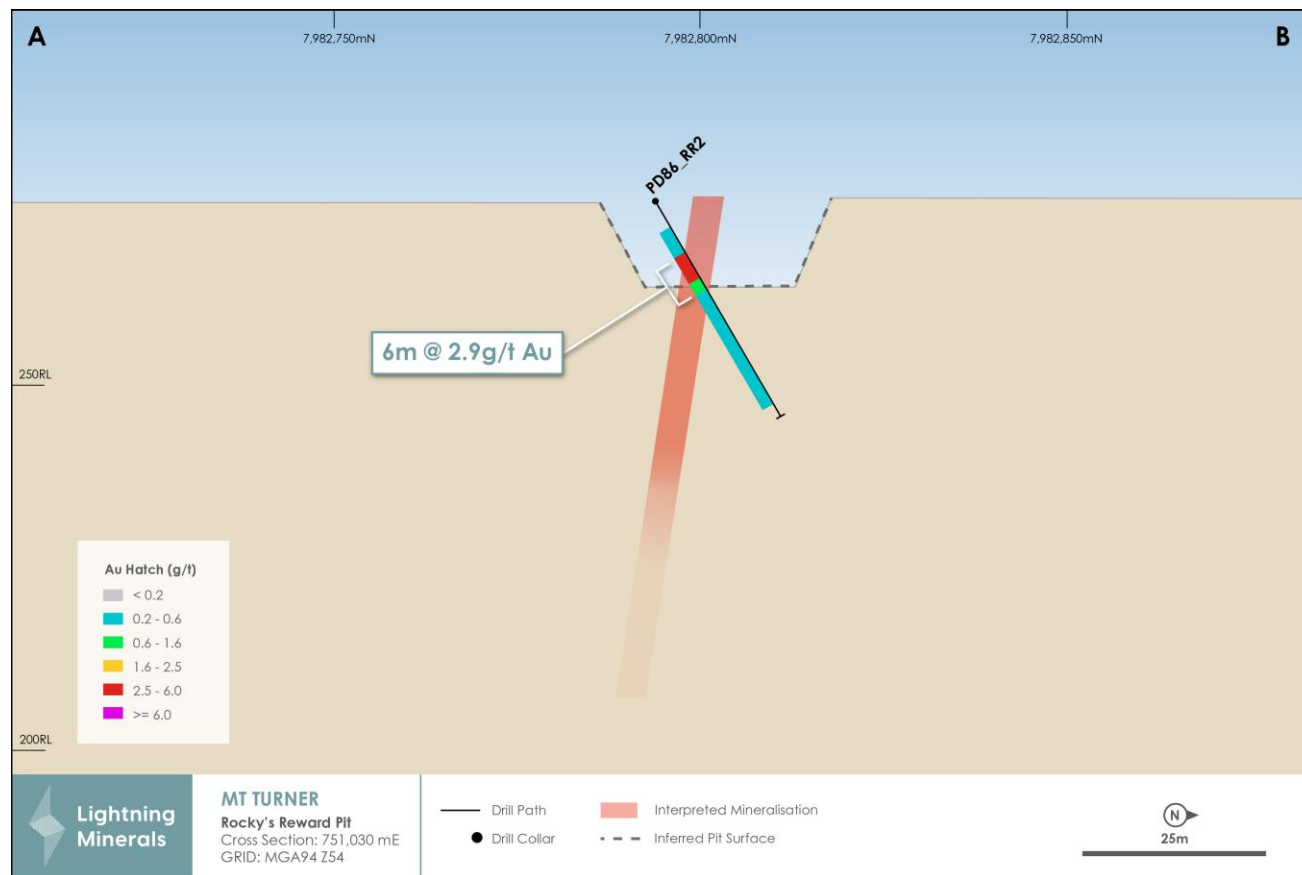
^{3a} Essex Minerals (TSX-V:ESX) TSXV Announcement - Essex Reports Numerous High-Grade Gold Intercepts At Drummer Fault, October 13, 2021

^{4a} Essex Minerals (TSX-V:ESX) TSXV Announcement – Exploration Update – Mt Turner Project, June 21st 2022

^{5a} CRA Exploration Ltd 1987 - Clark Creek A to P 4416M, North Queensland, Report On Investigations For The First Six Months Of Tenure,

Mount Turner Gold Project

HISTORIC PITS UP TO 4.5KM APART ALONG 14KM DRUMMER FAULT



Mount Turner Cu-Au-Mo Project

GEOPHYSICS HAS IDENTIFIED SIGNIFICANT COPPER, GOLD AND MOLYBDENUM PORPHYRY POTENTIAL

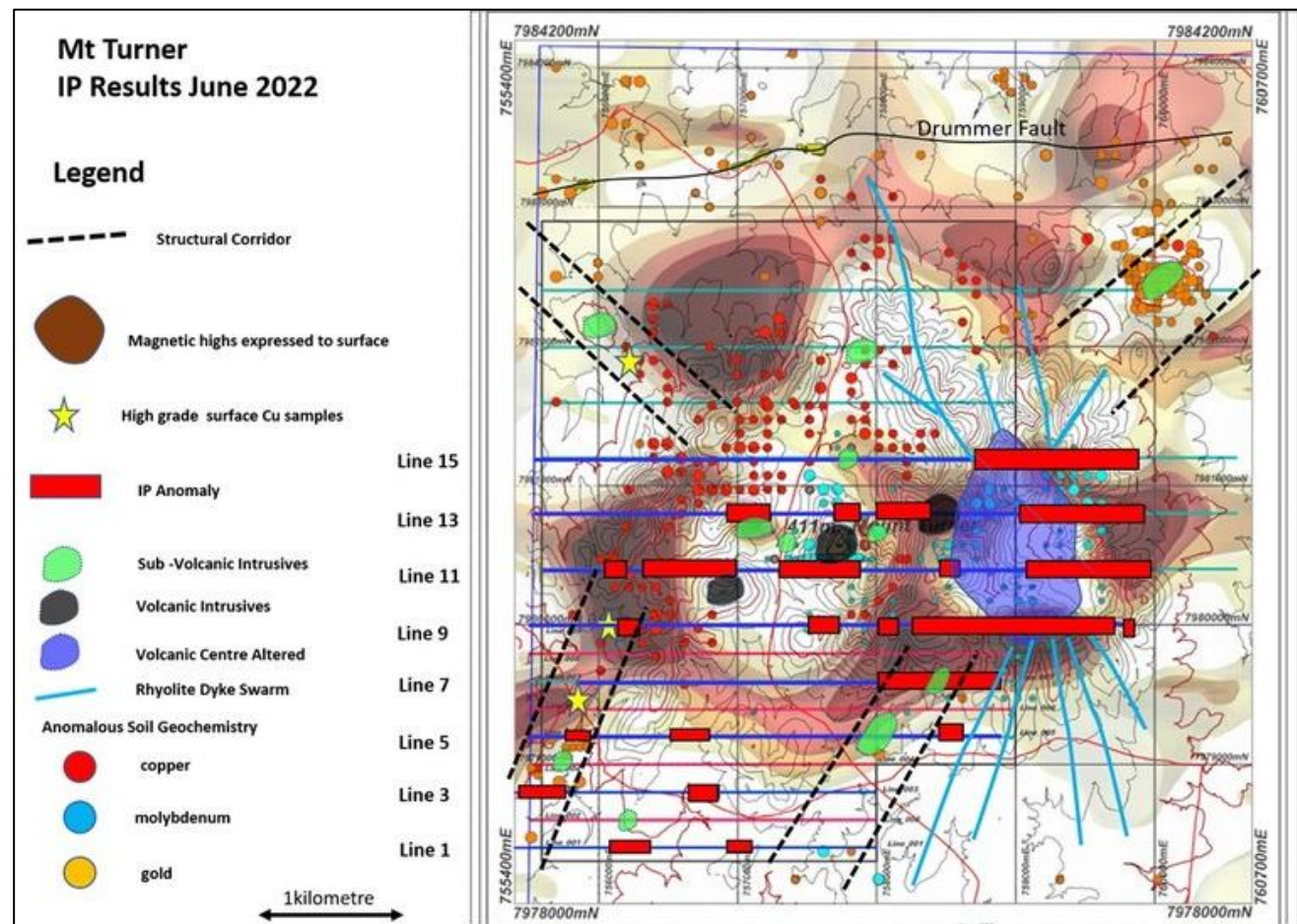
Porphyritic intrusive at Mt Turner Project has **potential for Porphyry related Cu-Au-Mo system covering 16km²**

Induced Polarity geophysics by Meryllion Resources Corp in 2022 (CSE: MYR) ^{8a} **highlight three drill ready shallow porphyry targets**

Review valuable existing data including LiDAR, geology, geochemistry and magnetics **to drive exploration of major targets**

No recent drilling has targeted anomalous Cu and Mo soil geochemistry results

Further infill soil sampling and data reinterpretation to identify priority drill targets



^{4a} Essex Minerals (TSX-V:ESX) TSXV Announcement – Exploration Update – Mt Turner Project, June 21st 2022

^{8a} Meryllion Resources Corporation - Exploration Update - Mt Turner Project ' released to CSE on June 21st, 2022 available to view at <https://meryllionres.com/news-releases/meryllion-resources-corp-announces-exploration-up-4443/>

Lachlan Fold Belt – Large Scale Copper Porphyry Potential Near to Cadia Valley and Northparkes

SIGNIFICANT COPPER-GOLD INTERSECTIONS UP TO 48M @ 0.35% CU AND 0.31G/T AU² INDICATES SCALE POTENTIAL

Three Projects in the prolific Lachlan Fold Belt in New South Wales: Boree Creek/Dairy Hill, Burdett and Mildra

Region is home to world-class epithermal gold and porphyry copper-gold deposits, including:

Cadia Valley (Newmont): 42Moz Au, 8.7Mt Cu^{6a}, and

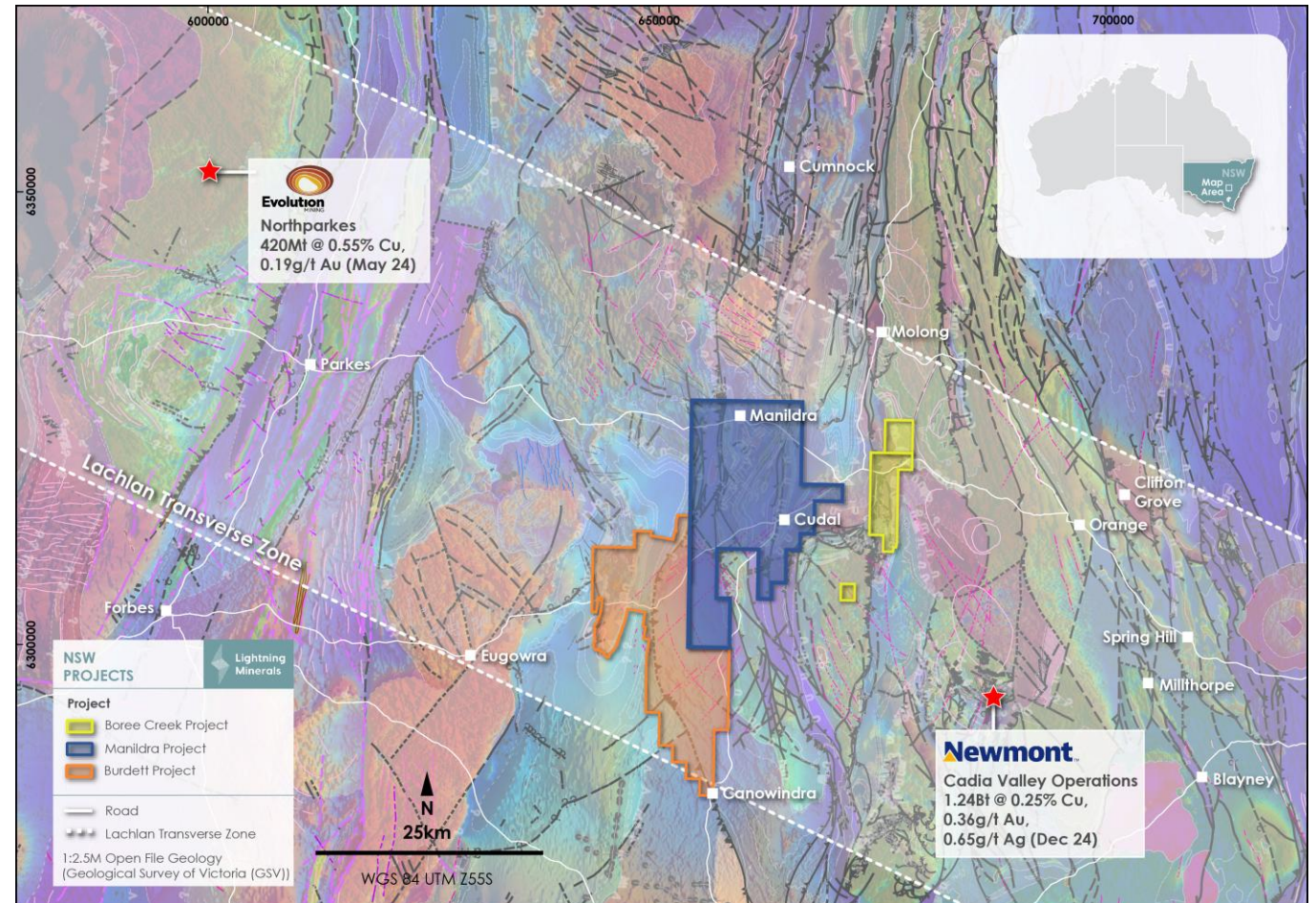
Northparkes (Evolution): 2.5Moz Au, 2.3 Mt Cu^{7a}

Prior drilling undertaken by a CRA Exploration Rio Tinto Joint Venture at the **Boree Creek** Project including **48m @ 0.35% Cu and 0.31g/t Au (RC94DH06)**^{2a}

The Projects are within the Lachlan Traverse Zone (LTZ) of the Lachlan Fold Belt. Located approximately half-way between the world class Cadia Valley and Northparkes porphyry Au-Cu mines

The LTZ is host to numerous porphyry, epithermal, skarn, orogenic gold, base metal and precious metal mines and proven resources

Clear exploration targets with potential scale



Lachlan Fold Belt – Boree Creek

SIGNIFICANT COPPER-GOLD INTERSECTIONS DEMONSTRATE PORPHYRY SCALE POTENTIAL

Four shallow drill holes by CRA Exploration Rio Tinto Joint Venture demonstrate potential scale

48m @ 0.35% Cu and 0.31g/t Au (RC94DH06) ^{2a}

62m @ 0.23% Cu and 0.14g/t Au (DD95DH13) ^{2a}

57m @ 0.12% Cu and 0.10g/t Au (RC94DH06) ^{2a}

33m @ 0.23% Cu and 0.14g/t Au (DD95DH13) ^{2a}

Proven porphyry system that hasn't been tested at depth

Clear exploration targets with potential scale both along strike and at depth

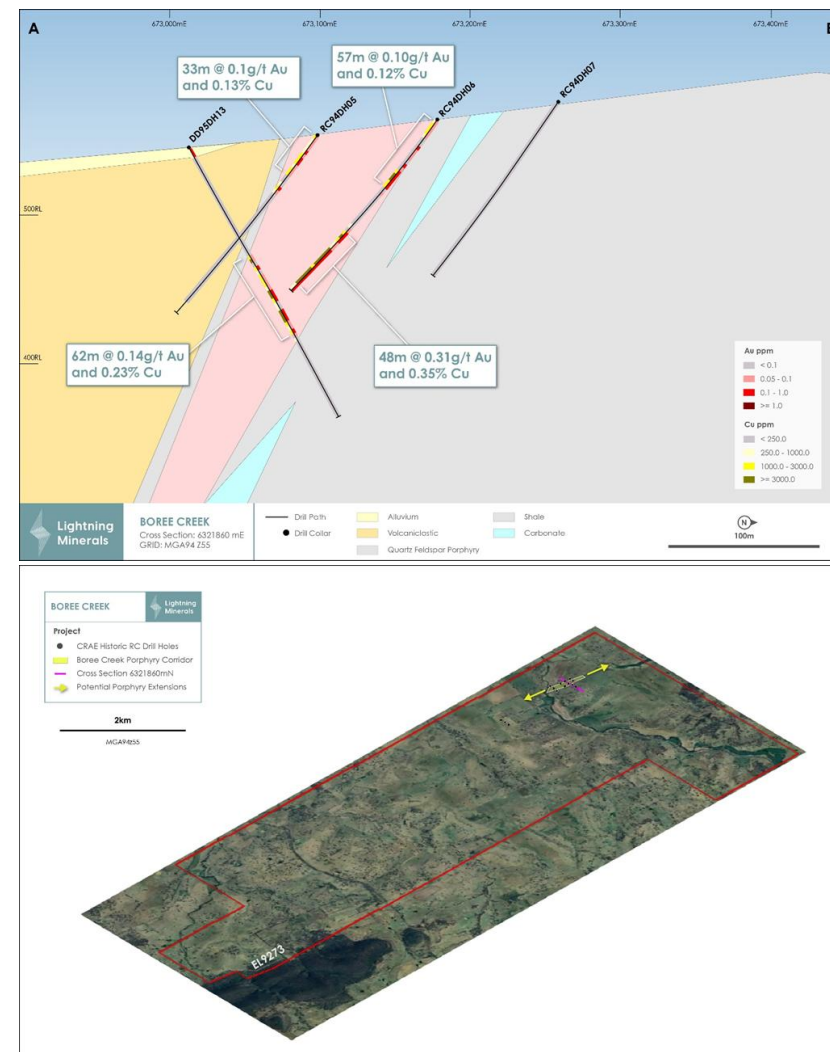
Geophysics required to locate targets at depth

Surface reconnaissance works to determine strike potential

Regional analogous projects such as Cadia Valley (Newmont Corporation, ASX: NEM)

Recent commercial transactions in the region include Fortescue Metals' (ASX:FMG) farm-in deal with Magmatic Resources (ASX: MAG)

Deal is A\$14M over 6 years to earn up to 75% interest in project which demonstrates potential commercialisation opportunities for the region



Warby Scardon Project

MULTIPLE ADDITIONAL HIGH PRIORITY GOLD, COPPER
AND BASE METAL TARGETS

The Warby-Scardon gold project includes two tenements with multi commodity potential

The projects are prospective for gold, silver and base metals located in the prospective Warby and Scardon Caldera complexes of the Georgetown Inlier in North Queensland

Region is considered underexplored with little modern exploration

Projects present excellent early-stage opportunity and located in proximity to the Mt Turner Gold and Mt Turner Copper Projects allowing shared exploration resources

Target generation strategies include:

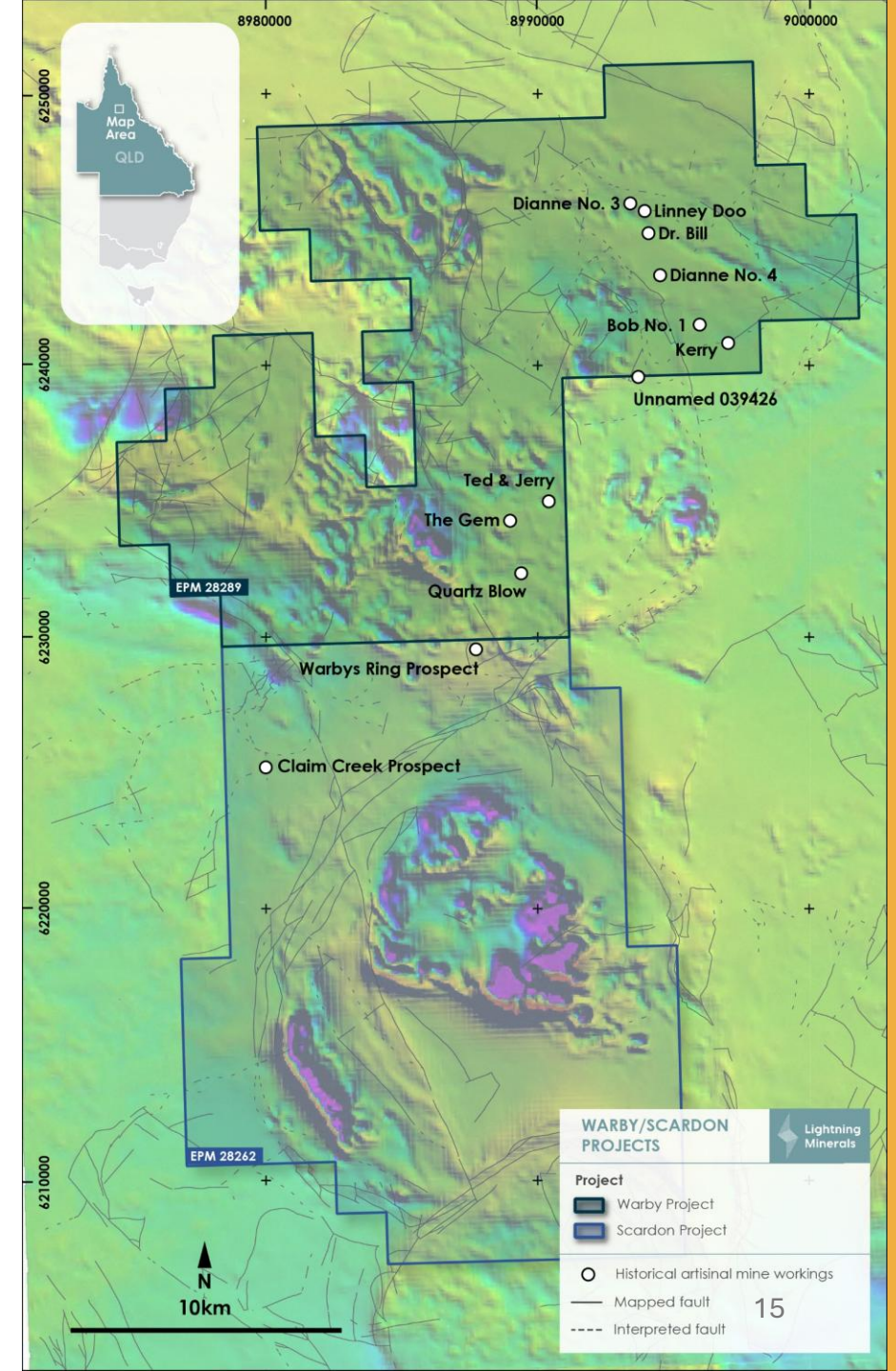
Airborne and ground based radiometrics

Aero-magnetics

LiDAR

Sampling and reconnaissance

Historic data review



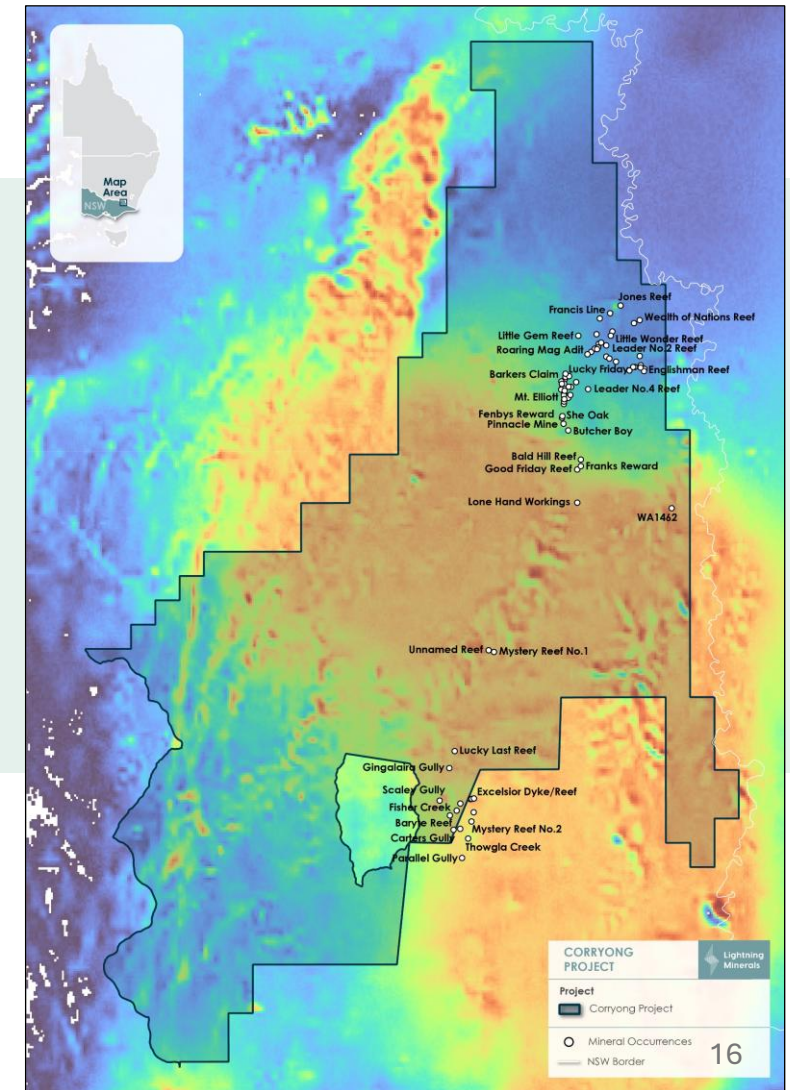
Lachlan Fold Belt – Corryong Project , Victoria

SIGNIFICANT COPPER AND GOLD POTENTIAL IN AN UNDER EXPLORED REGION

Location: The Corryong Project is a granted exploration lease located in the Lachlan Fold Belt on the Victorian side of the NSW-Victorian border

Desktop reviews: Desktop reviews of available data suggest the licence may be host to Orogenic Gold, poly-metallic Skarn and Porphyry (+/- Mo, Au, Cu, Ag) mineralisation

Targets: To focus on exploration analogues of Climax and Henderson Molybdenum mines in the USA



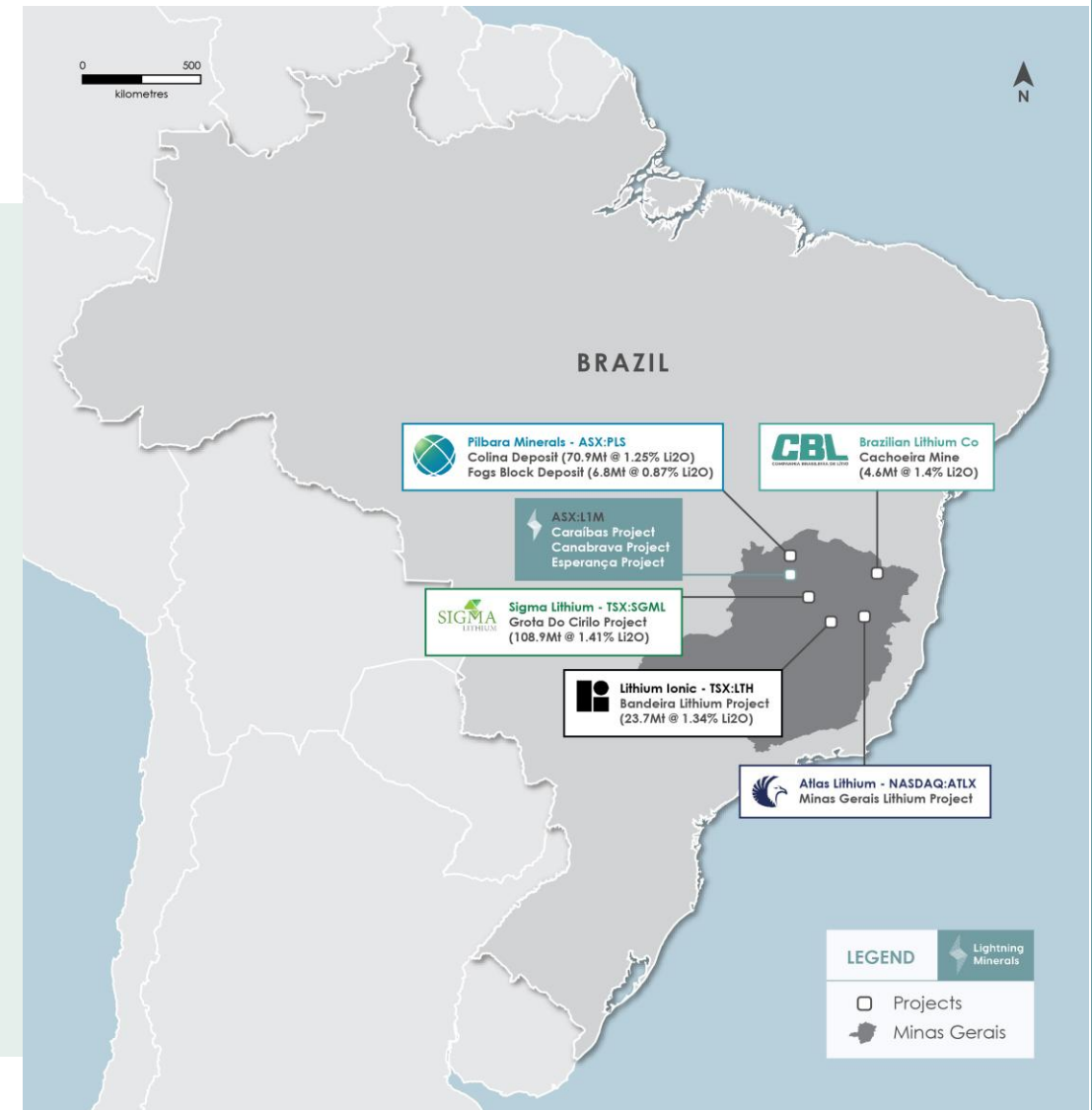
Minas Gerais, Brazil

A LITHIUM POWERHOUSE

World's fifth largest Lithium exporter in 2023 and growing with Lithium Valley being one of the world's premier Lithium regions

Minas Gerais government supporting investment and development through Invest Minas with MoU executed with Lightning Minerals in October 2024

Strong mining expertise throughout Minas Gerais with highly skilled mining and exploration personnel



We Still Believe in the Longevity of the Lithium Thematic. And Brazil

TAKING A LONGER-TERM OUTLOOK ON LITHIUM

Policy Driven Change

A substantial rise in critical minerals is needed to swiftly deploy clean energy technologies as per global government policies

Right Commodity

Critical minerals demand to rise by as much as six times, but individual minerals led by Lithium to rise even faster

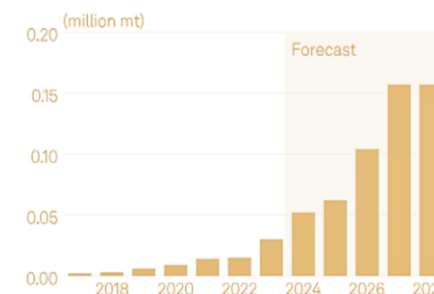


Mass Adoption

By 2035, more than half of new passenger vehicles sold worldwide will be electric – based only on existing policies to promote change

Right Country

Brazil is emerging as one of the world's top Lithium producers



Forecast spodumene exports to increase 5x in next 5 years

**LITHIUM
TOMORROW**

Drill ready targets in the best lithium jurisdiction in the world, awaiting the right market conditions.

Brazil: An Emerging Superpower

Low-cost jurisdiction with a skilled workforce and a supportive government encouraging investment
Strong infrastructure and economic stability. EU- Mercosur trade agreement signed in December 2024.



\$1.92 trillion (2022) → \$2.33 trillion
(2024, est.)

ECONOMIC

10th largest GDP globally
 79th GDP per capita globally

Largest GDP in Latin America

Member of **BRICS**



211M (2019) → 216.73M (2024, est.)

WORKFORCE

Predominantly **youthful** workforce
 driving **innovation and productivity**

Skilled **on ground experience** and
 discovery track records



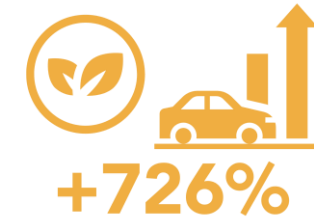
Abundant mineral resources

MINING

Rich in mineral resources and
 geological diversity

Established **infrastructure and
 government support**

Positioned for **global demand and
 downstream** industries



EV sales surge in H1 2024

EMERGING MARKETS

Leading in **renewable energy, mining,
 and technology**

EV sales are surging, highlighting
 Brazil's shift towards clean technology

Esperança, Caraíbas and Canabrava Projects

MULTIPLE EMERGING DRILL TARGETS

Location

4,400 Ha in the prolific Eastern Brazilian Pegmatite Province “**Lithium Valley**” of Minas Gerais

20km south of Pilbara Minerals’ (ASX: PLS) Colina project (70.9Mt @ 1.25% Li₂O) and north of Sigma Lithium’s (NASDAQ: SGML) Grota do Cirilo project (108.9Mt @ 1.41% Li₂O)

Positive Results and Indicators

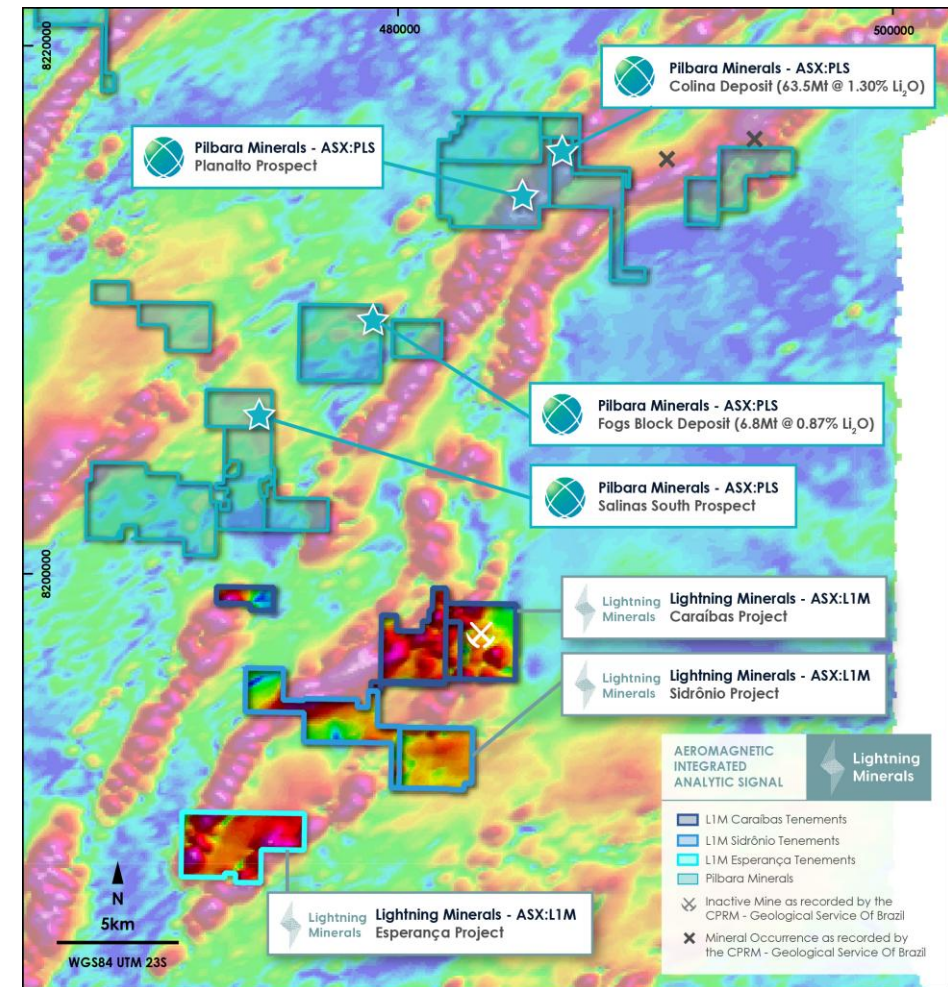
Spodumene discovery²² at Esperança grading **4.04% Li₂O** (LIBS) from artisanal workings including multiple outcropping pegmatites across all tenements

Multiple high grade soil sampling results up to **429ppm Li** indicates high prospectivity²⁶ and 6 Priority 1 geophysical targets²⁴

Work Programs

Phase 1 soil sampling completed December 24 across all tenements – **Multiple targets identified**

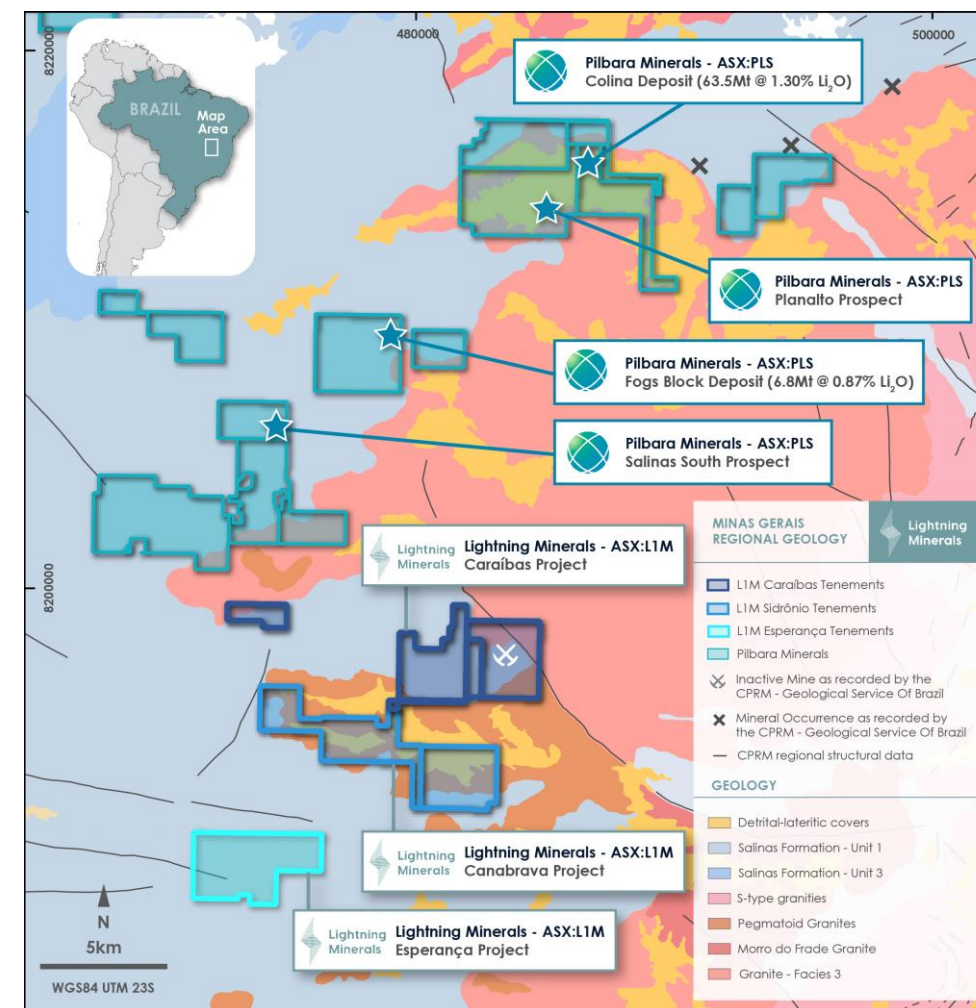
Phase 1 drilling at Esperança started in Q1 2025 – further target generation underway through 2025



Esperança, Caraíbas and Canabrava Projects

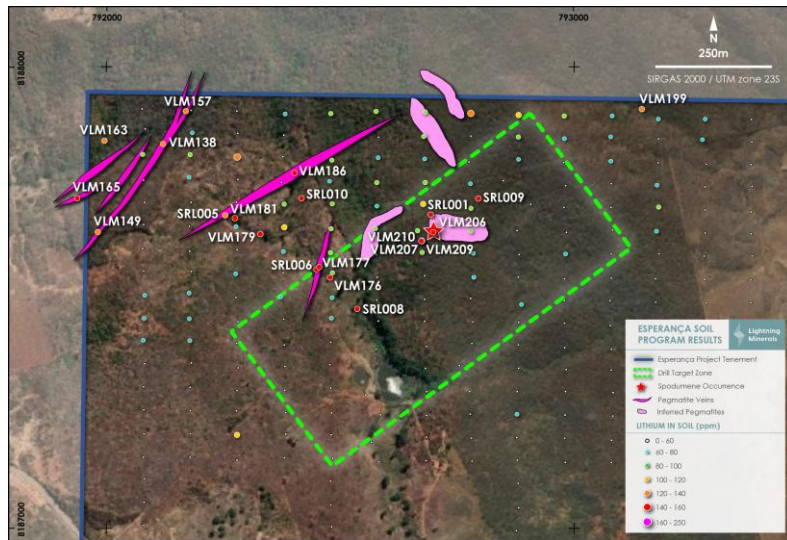
MOVING QUICKLY IN THE LITHIUM VALLEY

JUNE 2024	Completion of acquisition of Bengal Mining and A\$1.5M capital raise at A\$0.07
JULY 2024	Start of soil sampling and ground reconnaissance works at Caraíbas and Canabrava
AUGUST 2024	Acquisition of the Esperança project under exclusive option for 2 years
OCTOBER 2024	Lithium targets identified at Canabrava project (lithium in soil anomalism up to 113ppm Li)
NOVEMBER 2024	Spodumene discovery at Esperança grading at 4.04% Li ₂ O
DECEMBER 2024	Completion of soil sampling across all project areas in Brazil (lithium in soil anomalism up to 429ppm Li)
May 2025	Initial drilling completed at the Esperança project
Ongoing target generation – we'll be prepared when lithium sentiment improves	



Esperança, Caraíbas and Canabrava Targets

MULTIPLE HIGH PRIORITY DRILL TARGETS – TARGET GENERATION CONTINUES



Esperança Project

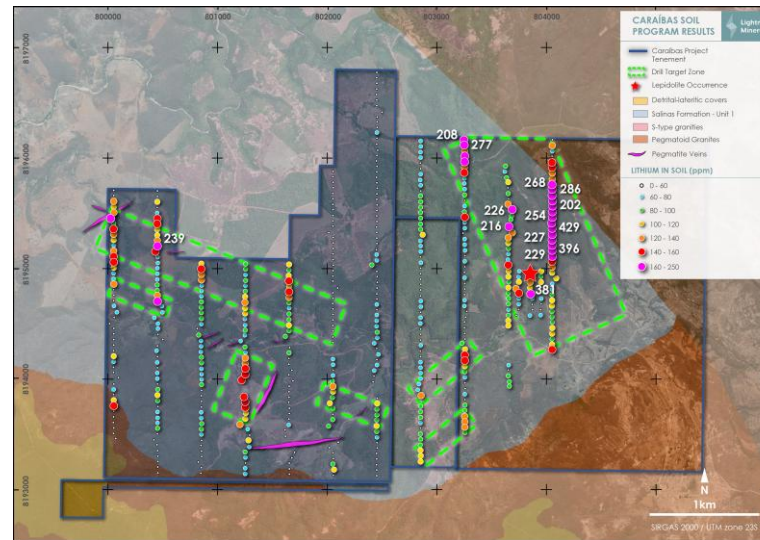
Up to 2,000m drill program begun February 2025

Target

Spodumene discovery up to 4.04% Li₂O (LIBS) with multiple pegmatite occurrences

Drilling

Completed Q2 2025



Caraíbas Project

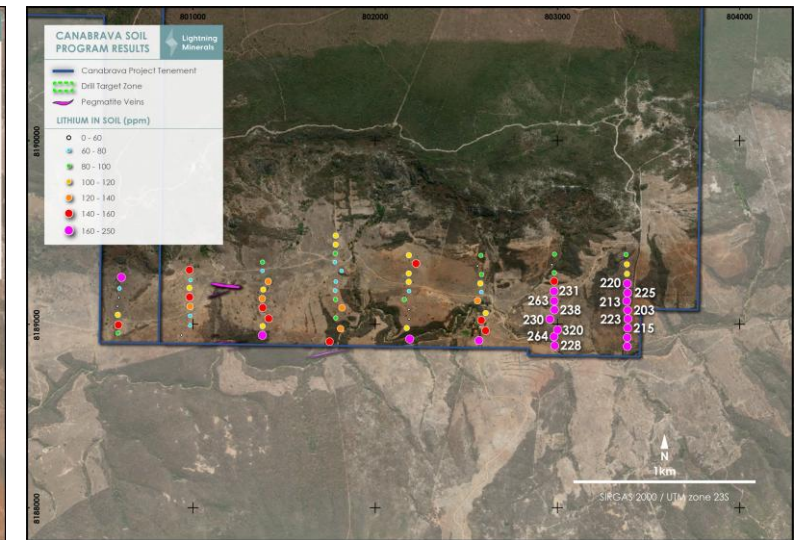
Up to 1,500m planned (Initial targeting)

Target

2km NW-SE trend (West), Lithium in soil anomalism up to 239ppm Li and 1.5km NW-SE trend (East), Lithium in soil anomalism up to 429ppm Li^{23,26}

Drilling

TBC



Canabrava Project

Meters TBC (Planning underway)

Target

NW-SE trend, Lithium in soil anomalism up to 113ppm Li with multiple pegmatite occurrences (West) and up to 320 ppm Li trend (South-East)

Drilling

TBC

Timeline of Work



QLD & NSW	Q3 25	Q4 25	Q1 26	Q2 26
	<p>Mt Turner gold project drilling</p> <p>Mt Turner gold project target generation</p> <p>Mt Turner copper project target generation</p> <p>Lachlan Fold Belt target generation</p>	<p>Mt Turner gold project drilling</p> <p>Mt Turner gold project target generation</p> <p>Mt Turner copper project drilling</p> <p>Target generation – All projects</p>	<p>Mt Turner gold project target generation</p> <p>Lachlan Fold Belt drilling</p> <p>Target generation – All projects</p> <p>Thesis development – Mt Turner gold and copper projects</p>	<p>Mt Turner gold project drilling</p> <p>Mt Turner gold project target generation</p> <p>Lachlan Fold Belt target generation and sampling</p> <p>Target generation – All projects</p>
	BRAZIL	BRAZIL	BRAZIL	BRAZIL
	<p>Ground reconnaissance</p> <p>Target generation at Caraíbas</p> <p>Thesis development at Esperança</p>	<p>Ground reconnaissance</p> <p>Target generation at Canabrava</p> <p>Sampling and mapping</p>	<p>Target evaluation</p> <p>Drill planning Caraíbas</p> <p>Drill planning Canabrava</p>	<p>Potential drilling Caraíbas*</p> <p>Potential drilling Canabrava*</p> <p>Target generation</p>
AUSTRALIA & CANADA	Q3 25	Q4 25	Q1 26	Q2 26
	<p>Review of Dundas North</p> <p>Target generation Dundas North</p> <p>Thesis development Dalmas/Hiver (Canada)</p>	<p>Review of Dundas North</p> <p>Target generation Dundas North</p> <p>Thesis development Dalmas/Hiver (Canada)</p>	<p>Potential drilling Dundas North*</p> <p>Assays Dundas North</p> <p>Thesis development Dalmas/Hiver (Canada)</p>	<p>Potential field program Dalmas/Hiver (Canada)</p> <p>Further works at Dundas TBA</p>
	Q3 25	Q4 25	Q1 26	Q2 26

Invest in Lightning

Strong Asset Base Driving Growth



PORTFOLIO SYNERGY

We want to stay honest to our vision – we're not chasing just what's hot, we're committed to projects that add real value



NEAR-TERM & MEDIUM-TERM STRATEGY

Giving our shareholders a chance to benefit from the strong Gold and Copper markets in the near-term and the Lithium market in the medium-term



RELEVANCE

Exploration of highly prospective, exciting assets in relevant commodities. Proactive, agile decision making that creates opportunity

WORLD-CLASS ASSETS

Proven regions in Australia, Brazil and Canada, near key projects and discoveries offering stability and optionality

PROVEN RESULTS

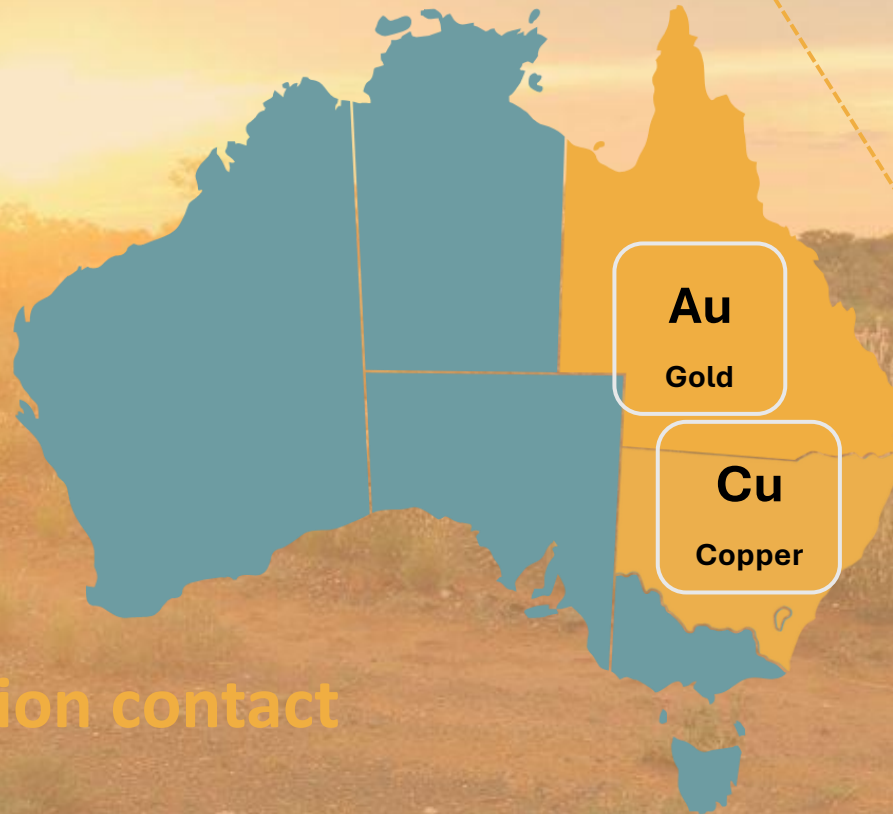
Proven track record of delivering milestones on time and within budget, consistently meeting expectations and delivering on our commitments

MOTIVATED TEAM

Trusted local and global team committed to growth and success



Lightning Minerals




For more information contact

Alex Biggs

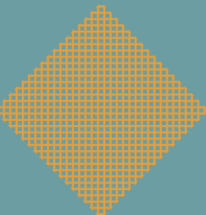
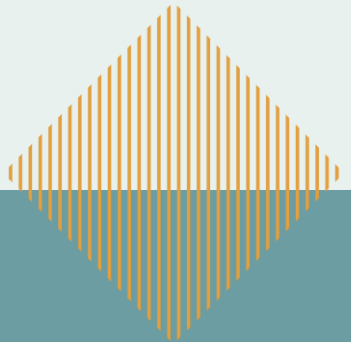
Managing Director

alex@lightningminerals.com.au

ASX:L1M  www.lightningminerals.com.au

Authorised by the Board of Directors for Release

Other Projects



Western Australia

THE WORLD'S NUMBER ONE LITHIUM PRODUCER

Represented **47% of the world's Lithium supply** in 2023

Team experienced in **Lithium** exploration within Australia

Well-developed **Lithium expertise, infrastructure and project development** skillsets



Dundas Projects

Two Project Areas

Located in the emerging Lithium super province in Western Australia, close to major Resource projects and infrastructure

Location

Northern tenements 30km east of Bald Hill (58Mt at 0.94% Li_2O). Southern tenements surround Liontown Resources (ASX: LTR) Buldania project: 15Mt at 1.0% Li_2O ⁹

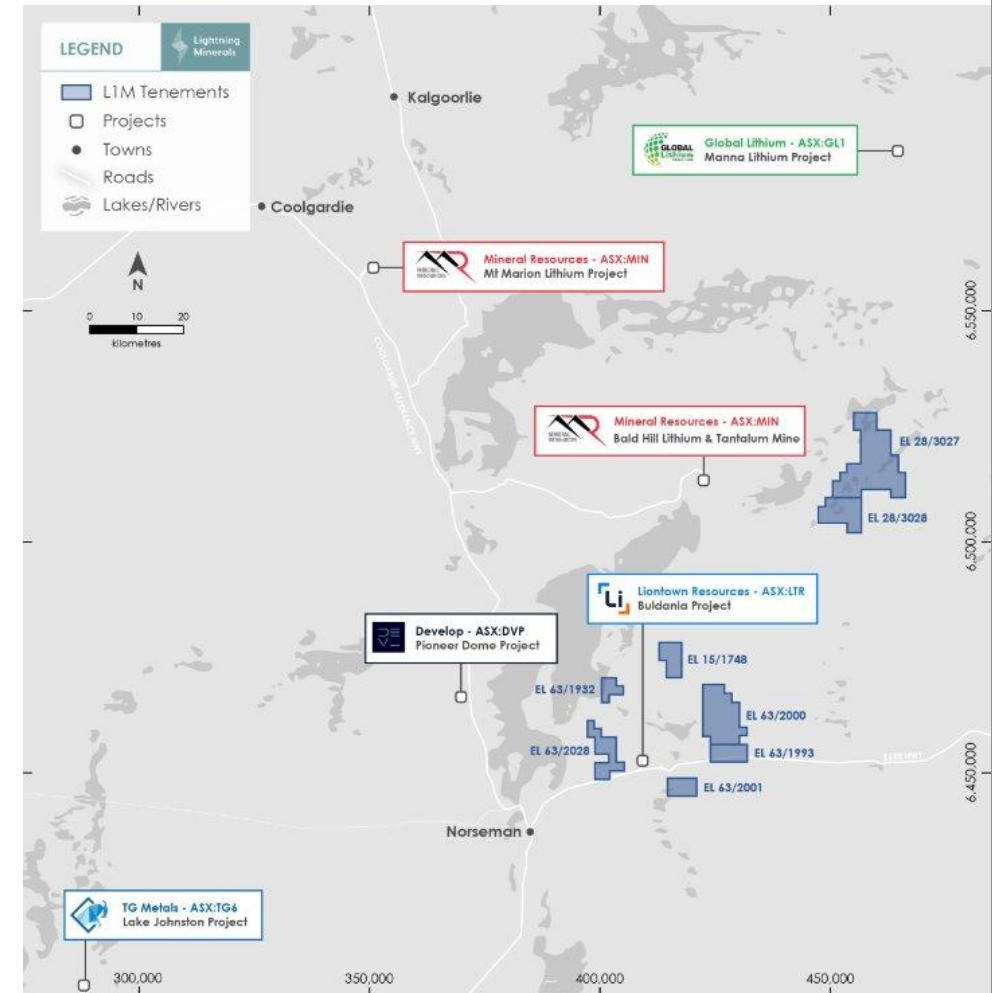
Strong Early-Stage Results

Phase 1 of drilling on E63/2001 and E63/2000 were completed with multiple geophysical and Lithium in soil anomalism up to 218ppm^{1,2,3,4,7,8, 10, 12, 14, 15, 18}

In May 2024 results demonstrated a continuation of strong Lithium and rubidium occurrences - up to 994ppm Lithium and 1,834 ppm rubidium at depths of up to 26m¹⁸

Phase 2 Exploration Underway

Further drill target identification and infill soil sampling planned, and subsequent drill programs once more discreet targets delineated. Results have defined three follow-up targets with elevated Lithium and associated pathfinder elements



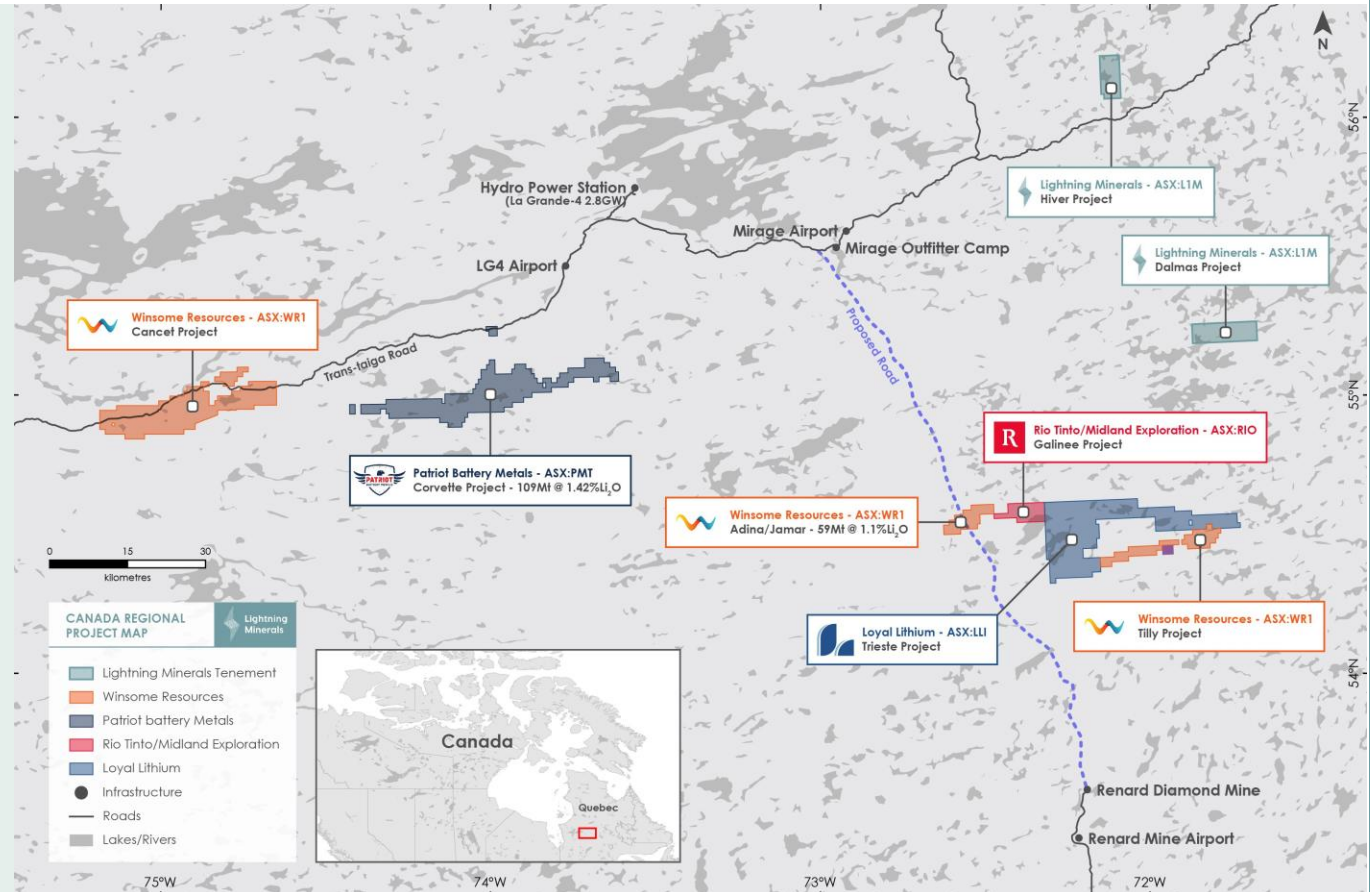
Quebec, Canada

A BATTERY MINERALS HUB

Over 300Mt+ Lithium Resources at high Li_2O grades recently defined

Team experienced in Canadian exploration, discovery and project growth

Strategic location as a North American battery minerals hub



Dalmas and Hiver Projects

Size

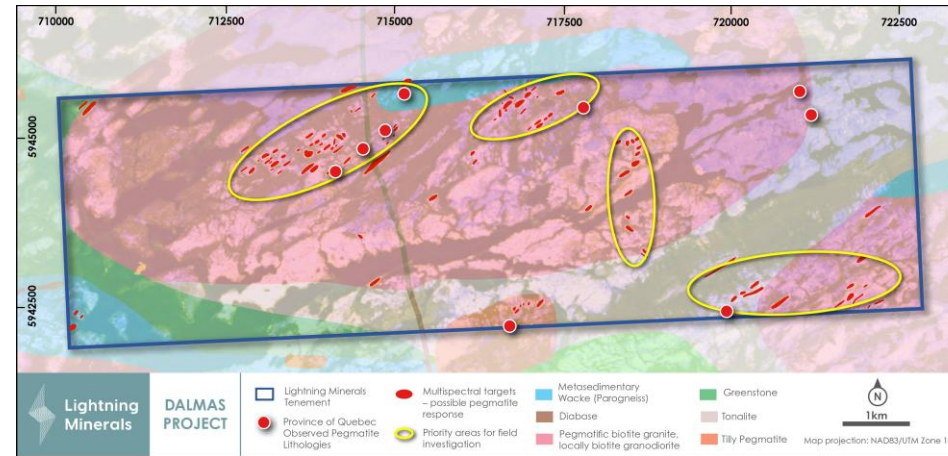
69km²

Location

150km east of Patriot Battery Minerals' Corvette Lithium project (ASX:PMT and 45km east of Winsome Resources' Adina Lithium project (ASX:WR1)

Targets

165 multispectral targets with 7 discrete clustered areas of interest. Previously mapped outcropping pegmatite lithologies occur at 1 of 3 priority areas^{5,6}

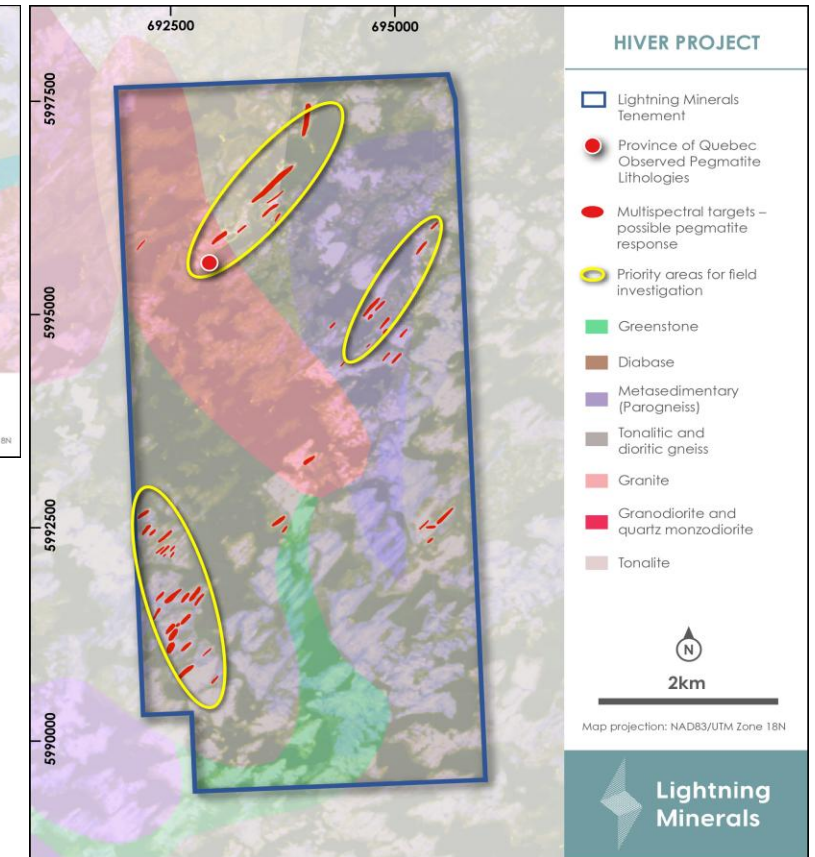


Plans

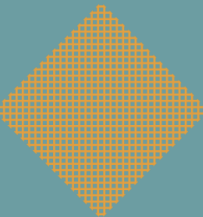
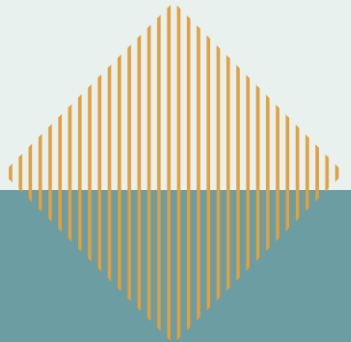
Phase 1 reconnaissance works complete in November 2023 – broad understanding of underlying geology to be further followed up with multiple pegmatites identified^{11, 13, 16}

Transactional Environment

Rio Tinto's (ASX: RIO) acquisition of Arcadium Lithium (ASX: LTM) represents a positive move into Quebec and potentially accelerates project development timelines



Appendices



Disclaimer - Reporting of Historical Drilling

REPORTING OF HISTORICAL DRILLING

Reporting of Non JORC Historical Drilling Results

^{1a} Historical exploration drilling results contained within this document are not in accordance with the JORC Code 2012. Exploration results included in this announcement include drill holes taken from reports compiled by previous explorers, the Company has not yet undertaken sufficient evaluation or exploration that would enable a Competent Person to confirm and report these exploration results in accordance with the JORC Code 2012. It is possible that following further evaluation and exploration work that the confidence in these results may be reduced. Nothing has come to the attention of the Company during the Due Diligence period that causes it to question the accuracy or reliability of the historical exploration results. The Company has not independently validated the exploration results and is not to be regarded as adopting or endorsing them. There is no more recent relevant exploration data available. Proposed verification work includes further drilling and resampling of historical drill cuttings/core which is currently under review by Lightning Minerals.

References

^{2a} CRA Exploration Ltd / Rio Tinto (JV) 1994 – NSW Digital Imaging Geological System Reports (DIGS) No. R00000144 (<https://search.geoscience.nsw.gov.au/report/R00000144>)

^{3a} Essex Minerals (TSX-V:ESX) TSXV Announcement - Essex Reports Numerous High-Grade Gold Intercepts At Drummer Fault, October 13, 2021 (<https://essexminerals.com/wp-content/uploads/ESX-2021-10-13-NR-Drummer-Fault-Drilling-FINAL.pdf>)

^{4a} Essex Minerals (TSX-V:ESX) TSXV Announcement – Exploration Update – Mt Turner Project, June 21st 2022 <https://essexminerals.com/wp-content/uploads/ESX-NR-Mt-Turner-IP-Program-FINAL.pdf>

^{5a} CRA Exploration Ltd 1987 - Clark Creek A to P 4416M, North Queensland, Report On Investigations For The First Six Months Of Tenure, <https://geoscience.data.qld.gov.au/data/report/cr016859>

^{6a} Newmont Corporation 2024 Annual Report (https://s24.q4cdn.com/382246808/files/doc_financials/2024/ar/Newmont-2024-Annual-Report.pdf)

^{7a} Evolution Mining - Northparkes ASX release “Mineral Resources and Ore Reserves Statement” released to ASX on 14th February 2024 available to view at www.evolutionmining.com.au.

^{8a} Meryllion Resources Corporation - Exploration Update - Mt Turner Project ‘ released to CSE on June 21st, 2022 available to view at <https://meryllionres.com/news-releases/meryllion-resources-corp-announces-exploration-up-4443/>

Appendix 1 – Non-Core Assets

Mailman Hill

120km²

(E37/1408)

Au

Gold

- Tenement centred 30km east-southeast of Leonora
- Jindalee/Newmont JV drilling in 2003
- Drilling and sampling up to 2015 provided anomalous results
- Directly south of Cavalier Resources' (ASX: CVR) Crawford gold project
- Auger soil sampling completed August 2024
- Deeper drilling potential being evaluated

Mt Bartle

396km²

(E53/2151, E53/2147
and E53/2159)

Cu

Copper

Zn

Zinc

Pb

Lead

- Tenements ~27 km west-northwest of Wiluna. Licence applications are currently pending
- Exploration goes back to the late 1960s, mainly centred in and around the historic Wiluna gold mining centre
- Exploration programs targeting Macarthur River, Zambian-type copper belt and Roxby Downs styles polymetallic mineralisation and Witwatersrand type gold deposits
- Some anomalous targets and soil sampling

Appendix 2 – Relevant Announcements

¹ASX announcement 09 February 2023 - Geophysical Interpretation Identifies 28 Target Areas

²ASX announcement 23 March 2023 - Lithium Soil Anomaly Identified at Dundas South Project

³ASX announcement 23 January 2023 - Soil Sampling Identifies Lithium-Rubidium Anomalism

⁴ASX announcement 01 May 2023 - Further Lithium Anomalism Identified at Dundas Project

⁵ASX announcement 11 August 2023 - Binding LOI Signed for James Bay Lithium Projects

⁶ASX announcement 30 August 2023 - Multiple Targets Identified at James Bay Lithium Projects

⁷ASX announcement 01 September 2023 - Further Pegmatite Intersections at Dundas

⁸ASX announcement 29 September 2023 - Exploration Update for the Dundas Project

⁹ASX Announcement Liontown Resources (ASX: LTR) - Drilling Results Confirm Growth Potential at Buldania

¹⁰ASX announcement 09 October 2023 - Infill Soil Sampling Complete on Lithium Targets at Dundas

¹¹ASX announcement 17 October 2023 - Exploration works begin on Dalmas and Hiver Lithium Projects

¹²ASX announcement 30 October 2023 - Soil sampling confirms more than 100ppm Lithium drill target

¹³ASX announcement 03 November 2023 – Exploration Update for Dalmas and Hiver Lithium Projects

¹⁴ASX announcement 24 January 2024 – Drilling begins on high priority Lithium targets at Dundas

¹⁵ASX announcement 09 February 2024 – Aircore drill program complete at Dundas

¹⁶ASX announcement 23 February 2024 – Exploration update for Dalmas and Hiver projects

¹⁷ASX Announcement 22 April 2024 – Proposed Brazilian Lithium Project Acquisition

¹⁸ASX Announcement 13 May 2024 - Strong Lithium Anomalism Continues at Dundas Project

¹⁹ASX Announcement 19 June 2024 - Completion of Acquisition of Bengal Mining

²⁰ASX Announcement 14 August 2024 – Lightning Expands Lithium Potential in Brazil

²¹ASX Announcement 14 August 2024 – Lithium Targets Defined in Brazil

²²ASX Announcement 18 November 2024 - Spodumene Discovery Yields LIBS Results up to 4.04% Li₂O

²³ASX Announcement 02 December 2024 - Soil Assays in Brazil up to 239ppm Lithium

²⁴ASX Announcement 21 November 2024 - Geophysics Targets Identified at Brazilian Lithium Projects

²⁵ASX Announcement 17 December 2024 - Strong Lithium Drill Targets Defined for Q1 2025 in Brazil

²⁶ASX Announcement 17 January 2025 - Spodumene Confirmed & Strong Lithium Soil Results in Brazil

²⁷ASX Announcement 27 June 2025 - Acquisition of Advanced Brownfields Gold and Copper Projects

The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements, and that all material assumptions and technical parameters have not materially changed. The Company also confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcements