



RAPIDLY DEVELOPING
THE NORTHERN
TERRITORY'S NEXT
LITHIUM OPERATION

ANNUAL GENERAL MEETING

27 NOVEMBER 2024

ASX | LPM



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ASX Releases

The Company confirms that it is not aware of any new information or data that materially affects the information in relevant ASX releases (quoted in the presentation), and the form and context of the announcements has not materially changed.

Exploration by Other Explorers

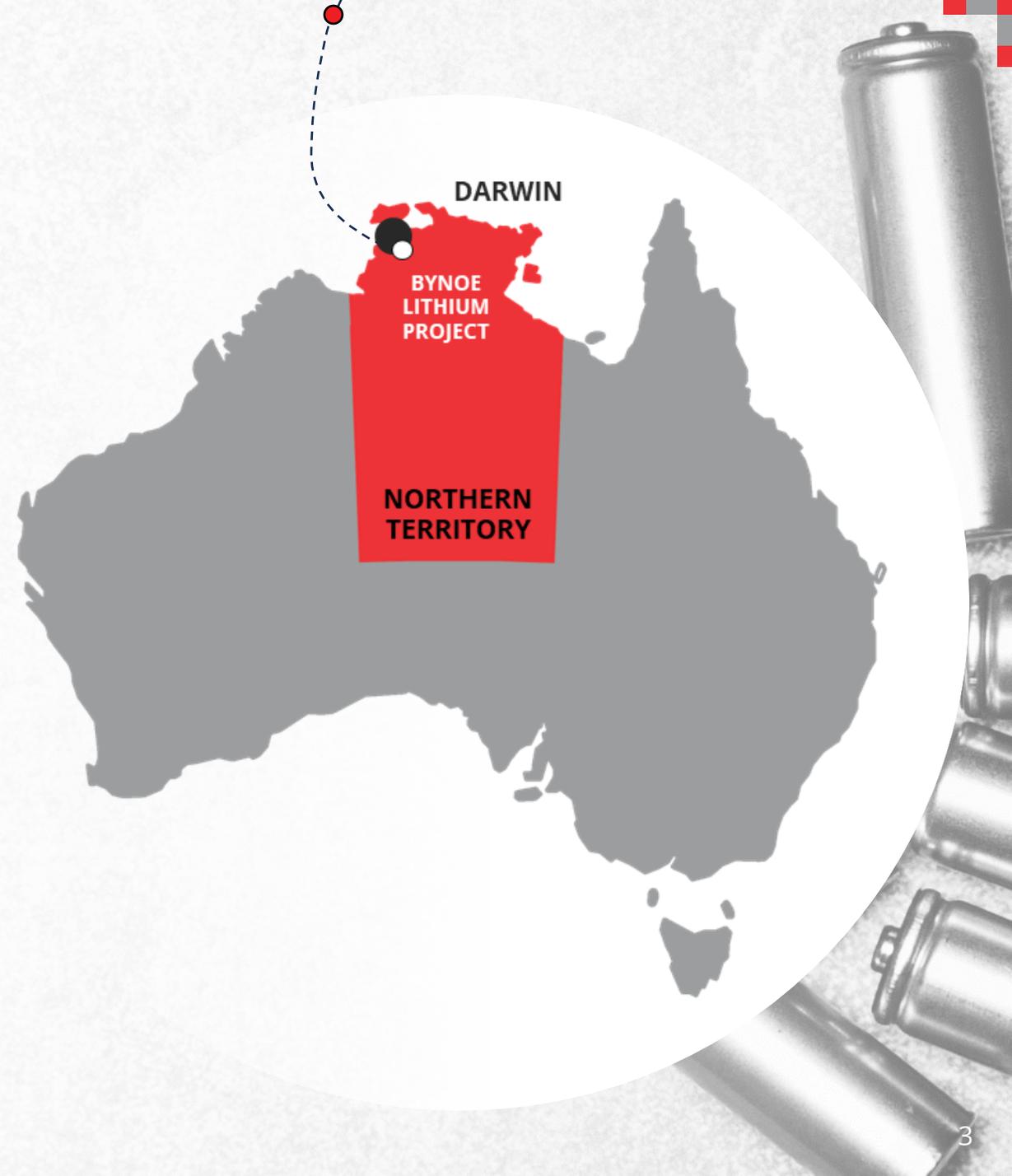
This presentation contains information sourced from the reports of Other Explorers. References to the original reports are provided as footnotes where the information is cited in this presentation. Lithium Plus does not vouch for the accuracy of these reports. Lithium Plus has taken the decision to include this information as it is in the public domain and as we assess it to be of relevance to shareholders and investors.

Lithium Plus

MINERALS

A DEVELOPMENT
FOCUSED LITHIUM
COMPANY BUILDING A
LONG-TERM FUTURE IN
THE TERRITORY

NEAR-TERM LEI DISCOVERY DSO
DEVELOPMENT PATHWAY TO
FACILITATE BROADER BYNOE PROJECT
EXPLORATION AND ADVANCEMENT



Corporate **SNAPSHOT**

TIGHT CAPITAL STRUCTURE STRONGLY SUPPORTED BY STRATEGIC OFFTAKE PARTNERS

REGISTER COMPOSITION



■ BOARD AND MANAGEMENT ■ OTHER ■ SUZHOU CATH ENERGY TECHNOLOGIES

CAPITAL STRUCTURE | ASX: LPM

Share price ¹	A\$0.10
Total shares on issue ²	132.34M
Market capitalisation	A\$13.23M
Cash ³	A\$5.15M
Debt ³	A\$0.00M
Enterprise value	A\$8.08M

1. At 25 November 2024
2. At 31 October 2024
3. At 25 November 2024

A consistent **STRATEGY**

DESIGNED TO DELIVER SUCCESS THROUGH THE LITHIUM CYCLE FOR THE BENEFIT OF ALL STAKEHOLDERS

1. Leverage modern exploration techniques to **cost-effectively unlock multiple new lithium discoveries.**
2. Assess early-stage development pathways to ensure **straightforward, efficient project advancement.**
3. Forge strategic **partnerships with key technical and commercial stakeholders.**
4. **Accelerate progress from exploration to commercial development** for economically viable discoveries.



FY2024 ACHIEVEMENTS

FURTHER EXPLORATION SUCCESS AND MAIDEN MINERAL RESOURCE DECLARED

**OCTOBER
2023**

**EXCEPTIONAL HIGH-
GRADE RESULTS**

**81m at 1.59% of strong
mineralisation**

EXCEPTIONAL LITHIUM
GRADE AND THICKNESS
CONFIRMED IN HOLE
BYLDD019^{1,2}

**DECEMBER
2023**

**MAIDEN MRE DECLARED
AT LEI DEPOSIT**

**4.1Mt at
1.43% Li₂O**

THE FIRST OF NUMEROUS,
SIMILAR STYLE, LITHIUM
DEPOSITS CAPABLE OF
DISCOVERY ACROSS THE
BYNOE PEGMATITE FIELDS³

CATEGORY	TONNES (M)	Li ₂ O (%)	CONTAINED Li ₂ O (Kt)
Indicated	0.42	1.22	5
Inferred	3.67	1.45	53
Total	4.09	1.43	58

At 0.5% Li₂O cutoff

- **Primary Lei pegmatite contributed solely to current MRE**, with the open zone beneath the extent of current drilling to remain a potential target for future work.
- **Secondary Lei pegmatite not currently included in Resource modelling** and is expected to be followed up in future potential drilling programs.
- **Both Lei mineralised pegmatites remain open at depth, providing further MRE growth potential.**

1. Refer ASX announcement 7 September 2023, "Exceptional 127m mineralised pegmatite intersection at Lei" and 4 October 2023 ASX Announcement, "94m of high-grade mineralisation confirmed at Lei"

2. Refer ASX announcement 4 October 2023, "94m of high-grade mineralisation confirmed at Lei"

3. Refer to ASX announcement 19 December 2023, "Maiden High-Grade Lithium Resource declared at Lei"

FY2024 ACHIEVEMENTS

CORPORATE ADVANCEMENTS PAVING THE WAY FOR AN INITIAL DSO COMMERCIALISATION PATHWAY

**JUNE
2024**

**CANMAX SPODUMENE
OFFTAKE MOU**

LARGE CHINESE LITHIUM
HYDROXIDE AND
CARBONATE PRODUCER
AGREED OFFTAKE MOU¹

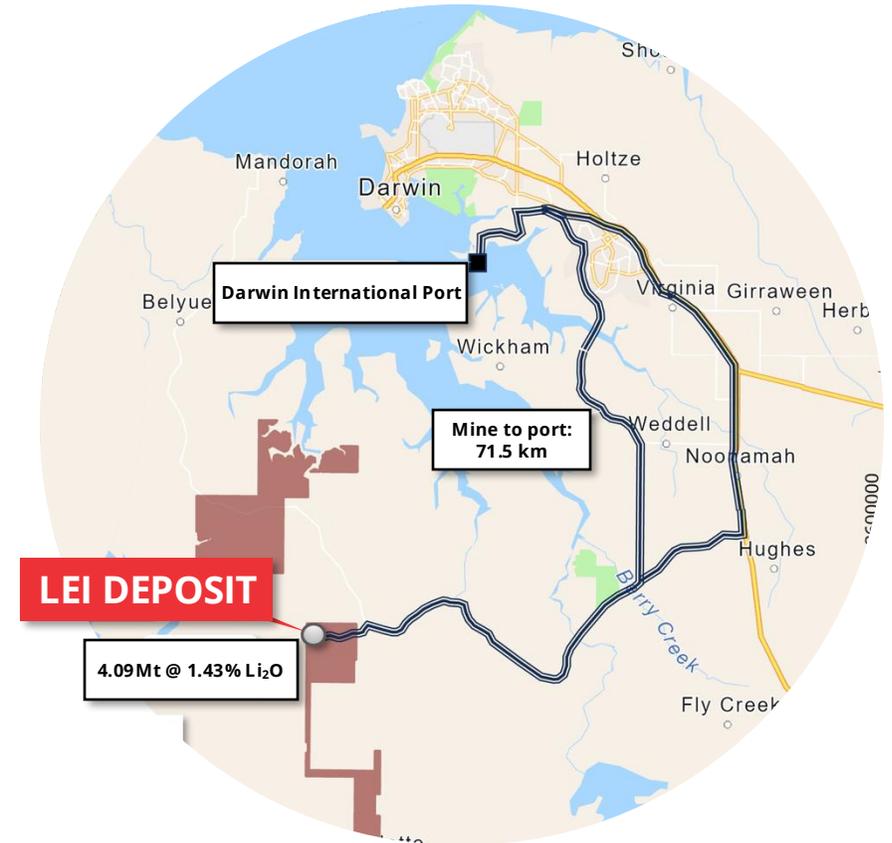
**AGREEMENT CONTEMPLATES
PROJECT FINANCING
FOR A FUTURE LEI
DEVELOPMENT**

**JUNE
2024**

**MINING LEASE
APPLICATION LODGED**

FOR A FUTURE
DEVELOPMENT AT THE
WHOLLY-OWNED LEI
LITHIUM DEPOSIT²

**CRITICAL PATH ITEM
FOR WHAT WOULD
BE A SECOND LITHIUM MINE
IN THE BYNOE AREA**



1. Refer to ASX announcement 5 June 2024, "MOU executed with Canmax for spodumene offtake from Lei Project"

2. Refer to ASX announcement 17 June 2024, "Mining Lease Application lodged for Lei Lithium Project"

FY2024 ACHIEVEMENTS

PROCESSING TEST WORK PROVIDED FURTHER CONFIDENCE IN LEI DEPOSIT ORE QUALITY

SEPTEMBER 2024

POSITIVE ORE SORTING TRIAL RESULTS ON LEI DEPOSIT ORE

DEMONSTRATES
SIGNIFICANT LITHIUM
HEAD-GRADE UPLIFT
AND REDUCTION IN
WASTE ORE FOR FUTURE
DSO DEVELOPMENT
PATHWAY¹

OCTOBER 2024

EXCELLENT METALLURGICAL TEST WORK OUTCOMES

CONFIRMED POTENTIAL
FOR EFFECTIVE
SEPARATION OF
SPODUMENE FROM LEI
DEPOSIT ORE USING
MULTIPLE PROCESSING
ROUTES²

IMPORTANT OUTCOMES

- Lei deposit ore (primary coarse spodumene) demonstrated high amenability to beneficiation through multiple processing routes, offering maximum optionality for future commercialisation.
- Whole-of-ore dense media separation (**DMS**) test on run-of-mine ore sample achieved a 69.6% recovery to a concentrate grading 6.12% Li₂O.
- The same **DMS test on a high-grade sample achieved a 76.9% recovery to a concentrate grading 6.28% Li₂O.**
- A whole-of-ore flotation test on a high-grade sample achieved a 79.5% recovery to a concentrate grading 6.05% Li₂O.
- A combination of **DMS plus fines and middlings flotation using a high-grade ore sample achieved an 85.3% recovery to a concentrate grading 6.12% Li₂O.**
- All tests successfully produced concentrates with low levels of gangue material (**Fe₂O₃**) an important quality in the downstream production of battery-grade lithium products.
- Significant optimisation opportunities remain for further testing to refine and enhance any future process flow sheet design.

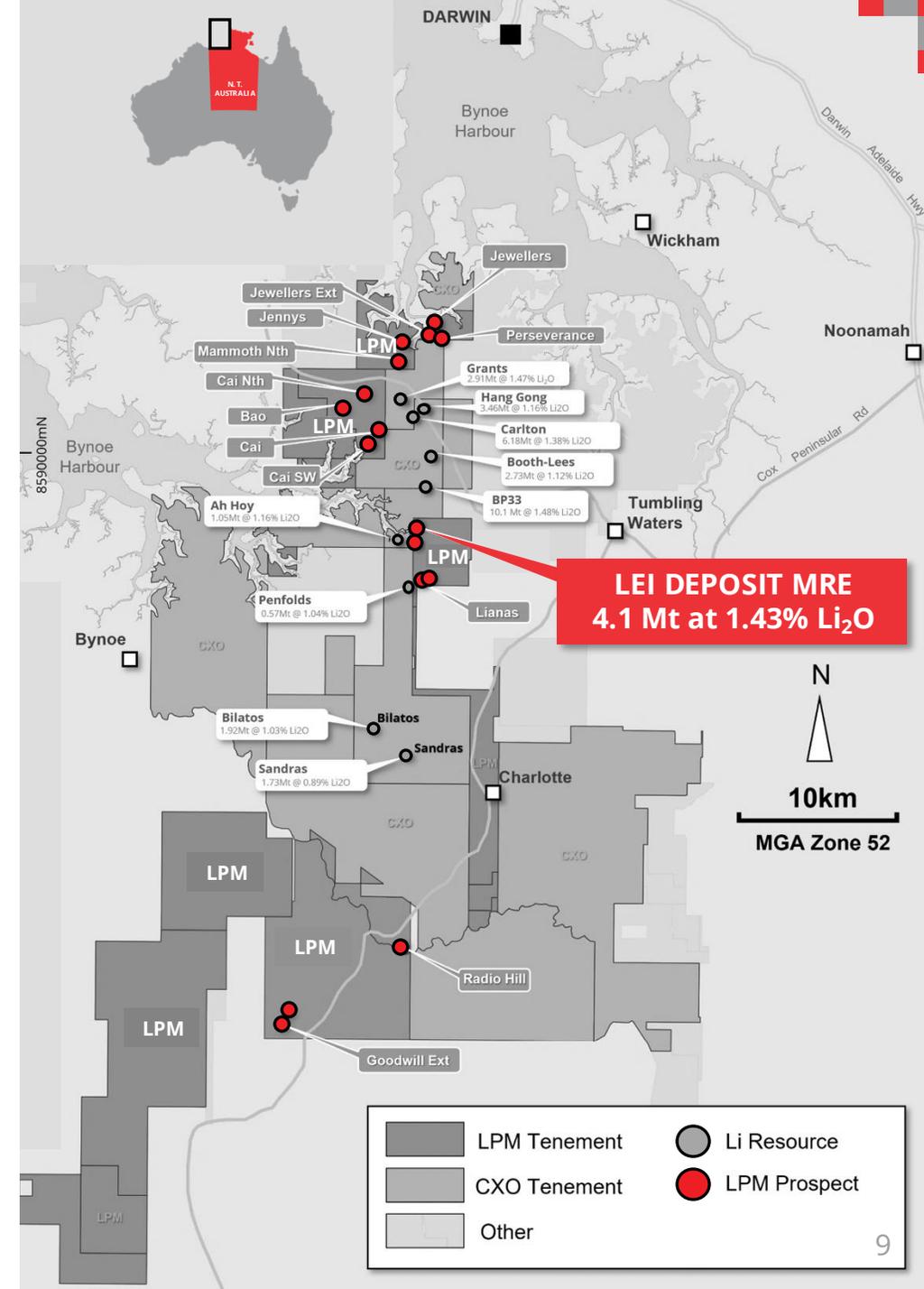
1. Refer to ASX announcement 17 June 2024, "Mining Lease Application lodged for Lei Lithium Project"

2. Refer to ASX announcement 16 October 2024, "Excellent Outcomes From Metallurgical Test Work on Lei Deposit Ore"

Ongoing **ACTIVITY**

PROVEN AREA WITH HIGH HIT RATE OF FERTILE PEGMATITES

- Bynoe is a **proven lithium-rich region**, hosting significant lithium-bearing pegmatites.
- The region contains **hundreds of historically identified pegmatites**, offering considerable exploration potential.
- Only a small fraction of the total tenement area has undergone field exploration, presenting a significant opportunity for further soil sampling and **new lithium-bearing pegmatite discoveries**.
- Drilling **success rate for fertile pegmatites in the region exceeds 50%**, emphasizing the strong exploration prospectivity
- **Identifying and testing multiple high-impact targets is central to our strategy for cumulative Mineral Resource growth.**



Ongoing **ACTIVITY**

CONTINUED EXPLORATION TARGETING ADDITIONAL 4 -10MT LITHIUM DEPOSITS

CY24 EXPLORATION DRILLING AT BYNOE

RAB DRILLING

- Initial **3,000-meter program**, initially focused on untested pegmatite occurrences within the Kings Landing prospect area.
- Results from **RAB drilling to enable better definition of targets** where soil anomalies, and surface float indicate buried pegmatites.

RC DRILLING

- A final round, **1,000-meter campaign is underway to evaluate the unweathered portion of the Liana Prospect pegmatite** for spodumene mineralisation.



PROGRAM TO TARGET COST-EFFECTIVE DELIVERY OF MULTIPLE NEW LITHIUM DISCOVERIES

1. Target timeframes are subject to change and may be impacted by wet season or other unforeseen circumstances

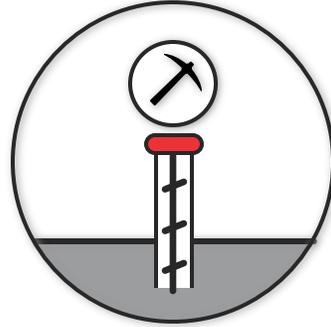
Corporate HIGHLIGHTS



Premier
PROJECT
LOCATION



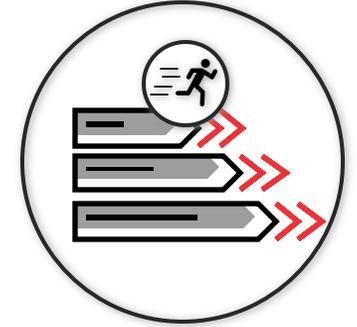
Outstanding
GEOLOGICAL
PROSPECTIVITY



Aggressive
DRILLING
PROGRAM



Strategic
PARTNERS
ENGAGED



Commercial
PROGRESS
ACCELERATED



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