



RAPIDLY DEVELOPING THE NORTHERN TERRITORY'S NEXT LITHIUM OPERATION

MINING THE TERRITORY CONFERENCE

18 AND 19 SEPTEMBER 2024

ASX | LPM



Important INFORMATION

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Competent Persons Statement

The information in this report that relates to Exploration Results, Mineral Resources or Reserves is based on information compiled by Dr. Bryce Healy, who is a member of the Australian Institute of Mining and Metallurgy. Dr. Healy has sufficient mineral exploration experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity he is undertaking to qualify as a competent person as defined in the 2012 Edition of the "Australasian Code for reporting of Exploration Results, Mineral Resources and Ore Reserves" (JORC Code). Dr. Healy consents to the inclusion in this report of the matters and information discussed, based upon the form and context in which it appears. Lithium Plus confirms that all material assumptions and technical parameters underpinning the estimates in the relevant market announcements continue to apply and have not materially changed.

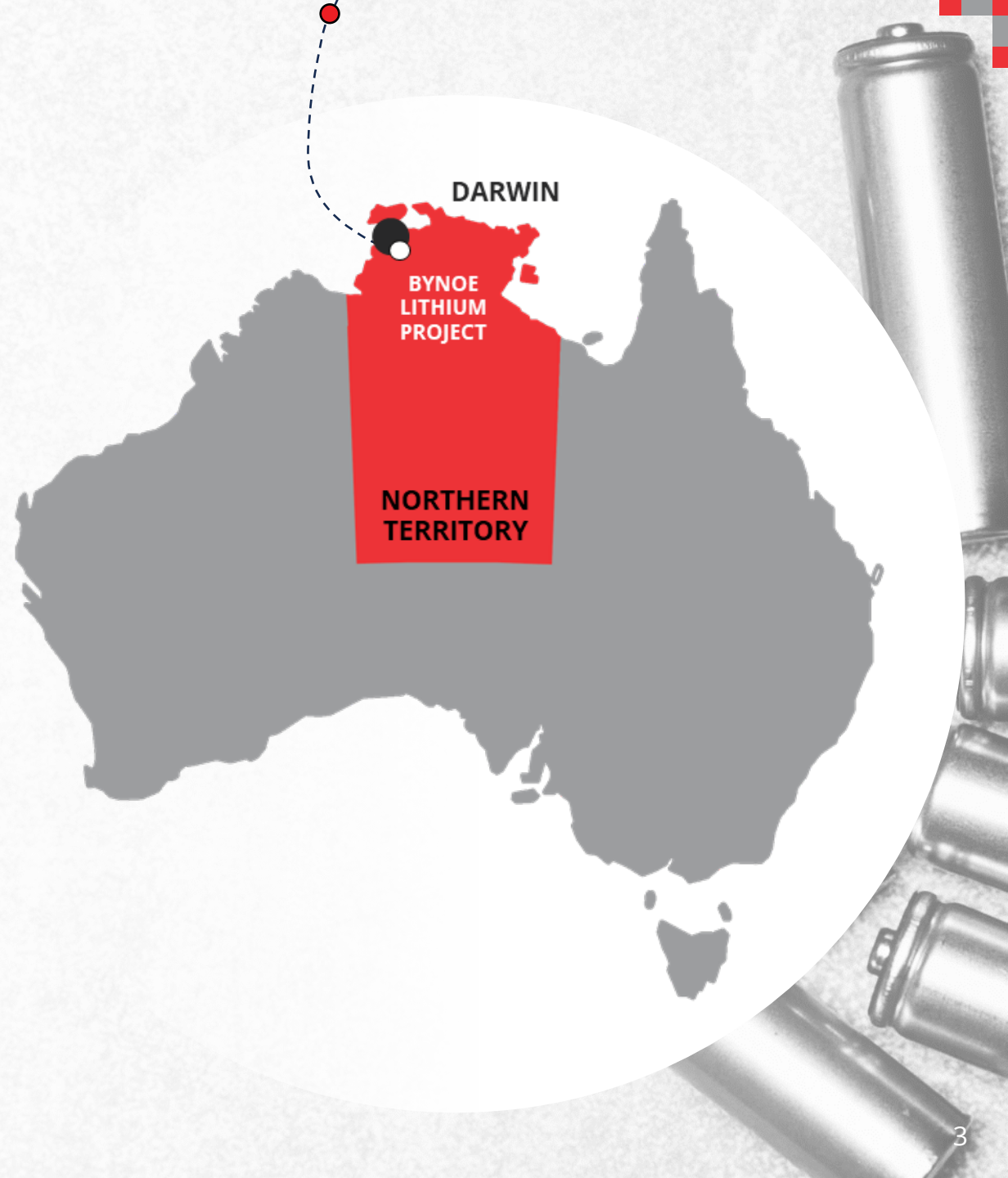
Exploration by Other Explorers

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



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.



Major milestones **ACHIEVED**

CONSISTENTLY DELIVERING EXPLORATION SUCCESS IN PARALLEL WITH COMMERCIAL ADVANCEMENT

**Q2
CY22**

**SUCCESSFUL IPO
RAISED A\$10M**

INCLUDED
CORNERSTONE
INVESTMENT
FROM STRATEGIC
PARTNER:
SUZHOU CATH
ENERGY
TECHNOLOGIES¹

CATL

**Q4
CY23**

**EXCEPTIONAL
HIGH-GRADE
RESULTS**

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

**EXCEPTIONAL LITHIUM
GRADE AND THICKNESS
CONFIRMED IN HOLE
BYLDD019^{2,3}**

**Q4
CY23**

**DEVELOP
GLOBAL JOINS
THE REGISTER**

ENERGY TRANSITION
METALS GROUP
DEVELOP GLOBAL AND
ITS MANAGING
DIRECTOR, BILL
BEAMENT JOINED
THE REGISTER⁴



**Q4
CY23**

**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
FIELDS⁵

**Q2
CY24**

**CANMAX
SPODUMENE
OFFTAKE MOU**

LARGE CHINESE LITHIUM
HYDROXIDE AND
CARBONATE PRODUCER
AGREED OFFTAKE MOU⁶

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

**Q2
CY24**

**MINING LEASE
APPLICATION
LODGED**

FOR A FUTURE
DEVELOPMENT AT THE
WHOLLY-OWNED LEI
LITHIUM DEPOSIT⁷

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

**Q3
CY24**

**POSITIVE ORE
SORTING TRIAL
RESULTS**

DEMONSTRATES
SIGNIFICANT LITHIUM
HEAD-GRADE UPLIFT
AND REDUCTION IN
WASTE ORE FOR
FUTURE DSO
DEVELOPMENT
PATHWAY⁸

MULTIPLE CRITICAL STRATEGIC ELEMENTS ACCOMPLISHED IN JUST 24 MONTHS

1. Refer to ASX announcement 22 April 2022, "Prospectus".

2. 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".

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

4. Refer 6 November 2023 ASX announcement, "A\$8M Placement to enhance exploration at Bynoe Lithium Project".

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

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

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

8. Refer to ASX announcement 13 September 2024, "Positive ore sorting trial results on Lei Deposit ore".

PROVEN AREA WITH HIGH HIT RATE OF FERTILE PEGMATITES

-
- LEI DEPOSIT MRE**
4.1 Mt at 1.43% Li₂O
- Legend:**
- LPM Tenement
 - CXO Tenement
 - Other
 - Li Resource
 - LPM Prospect
- Map Labels:**
- Jewellers
 - Jewellers Ext
 - Jennys
 - Mammoth Nth
 - Cai Nth
 - Bao
 - Cai
 - Cai SW
 - Ah Hoy
 - Penfolds
 - Bilatos
 - Sandras
 - Radio Hill
 - Goodwill Ext
 - Grants
 - Hang Gong
 - Carlton
 - Booth-Lees
 - BP33
 - Lianas
 - Charlotte
 - Wickham
 - Noonamah
 - Tumbling Waters
 - Bynoe Harbour
 - Darwin
 - Adelaide
 - Perseverance
- Scale:** 10km
MGA Zone 52
- Inset Map:** N.T. AUSTRALIA

Exceptional INTERSECTIONS

QUALITY OF TENURE CONFIRMED WITH MULTIPLE HIGH-GRADE MINERALISED INTERSECTIONS FROM LEI^{1,2}

HOLE ID	COLLAR CO-ORDINATES ³		SURVEY DATA				PEGMATITE INTERCEPTS			
	Easting	Northing	RL (m)	Azi (°)	Dip (°)	Depth (m)	From	To	Interval (m)	Li ₂ O grade
BYLDD019	693863	8590907	24	319	-63	756.5	611.0	624.0	13.0	1.36%
						<i>and</i>	653.0	733.0	81.0	1.59%
BYLDD023	693723	8591217	17	269	-69	252.7	203.5	244.80	41.3	1.55%
BYLDD034	693960	8591096	24	292	-66	680.14	613.00	663.00	50.0	1.83%
BYLDD035	693865	8590909	19	317	-62	699.8	640.11	675.3	35.2	1.65%
BYLD037	693843	8591197	22	278	64	441.0	396.00	427.00	31.00	1.71%

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

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

3. GDA94 MGA Zone 52

Lei Deposit **DISCOVERY**

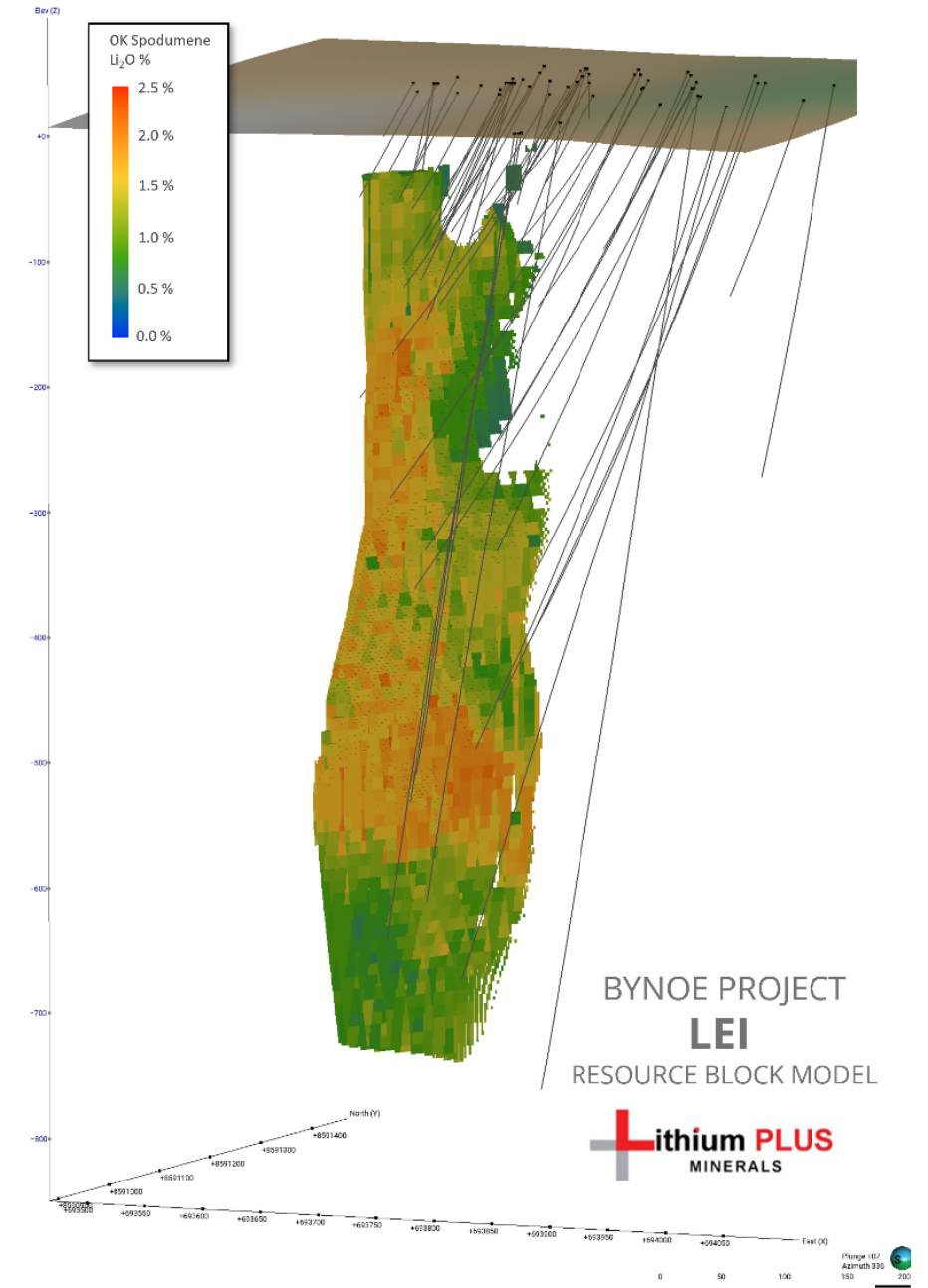
MAIDEN MINERAL RESOURCE DECLARED¹

RESOURCE CATEGORY	MILLION TONNES	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.**

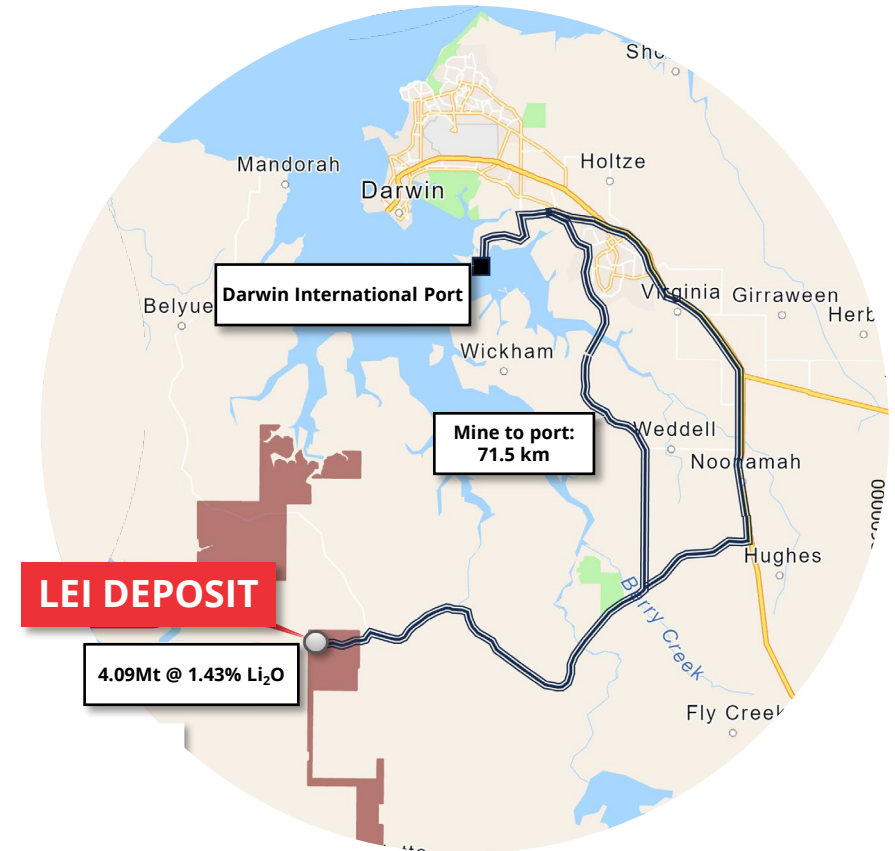
1. Refer 19 December 2023 ASX announcement "Maiden High-Grade Lithium Resource declared at Lei"
2. Refer 31 October 2023 ASX announcement "Lei Discovery samples dispatched for metallurgical testing"
3. Refer 27 March 2024 ASX announcement "Exploration and Advancement Update"



Development **APPROACH**

DIRECT SHIPPED ORE (**DSO**) COMMERCIALISATION PATHWAY

- **Economic assessment of a DSO commercialisation option** from Lei Deposit underway:
 - Potential to provide low upfront capital development option
 - Low environmental impact (no on-site tailings, waste rock for backfill)
 - Simple approach for permitting and mine construction
- **Environmental baseline studies** for a future environmental referral in advanced stages of completion.
- Metallurgical results indicated saleable Li_2O concentrate potential.
- **MoU executed with Canmax**
 - spodumene offtake with exposure to the margins from processing to lithium hydroxide / carbonate
 - potential non dilutive mine finance
- **Application for a Mining Lease lodged** for a future mine development.
- **Mine planning, design, scheduling underway.**



1. Refer 31 October 2023 ASX announcement "Lei Discovery samples dispatched for metallurgical testing"
2. Refer 27 March 2024 ASX announcement "Exploration and Advancement Update"
3. Refer 5 June 2024 ASX announcement "MOU executed with Canmax for spodumene offtake from Lei"
4. Refer 17 June ASX announcement "Mining Lease Application lodged for Lei Lithium Deposit"

Exploration **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

- Provisioning for an initial **3,000-meter scout/reconnaissance campaign to evaluate the unweathered portion of selected pegmatites** (defined through the RAB drilling program) for spodumene mineralisation



**PRORGAM 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

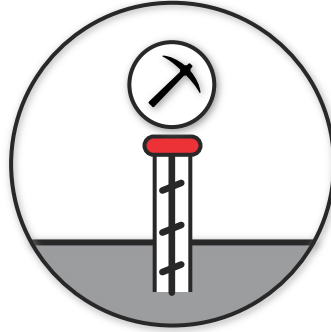
Corporate HIGHLIGHTS



Premier
PROJECT
LOCATION



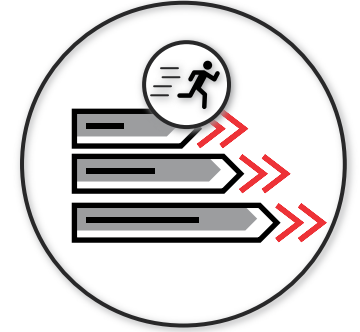
Outstanding
GEOLOGICAL
PROSPECTIVITY



Aggressive
DRILLING
PROGRAM



Strategic
PARTNERS
ENGAGED



Commercial
PROGRESS
ACCELERATED



Contact DETAILS

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