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INVESTOR ROADSHOW

GLOBAL LITHIUM RESOURCES

March 2024

ASX:GL1

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Strategic Highlights

Multi-asset development optionality

- Combined Mineral Resource of **54Mt @ 1.09% Li₂O**¹
- Two projects provide development optionality and funding alternatives
- **70% offtake** uncontracted

JORC compliant resources

- **Wholly owned 2 JORC** compliant lithium resources in Australia
- Manna MRE update following **60,000m** CY23 drilling program
- Outstanding Manna metallurgy +70% lithia recovery

Tier 1 Jurisdiction

- Located in **world's best mining jurisdiction of Western Australia**
- Close to existing lithium projects and **major infrastructure**

Strategic partnerships and well-funded

- **Strategic partnerships** with blue-chip counterparties - Canmax and Mineral Resources (ASX:MIN)
- **Well-capitalised with strong balance sheet** to achieve key milestones towards FID on Manna

Experienced Board, strong lithium credentials

- **Experienced Board** and management team with deep background in mining, exploration and project development
- MD is **Chair of the LME Lithium and Cobalt Committee**

Value accretive, de-risked and growth focussed

- DFS well advanced
- Native Title Mining Agreement nearing conclusion
- **Mining Lease on track for granting in CY24**



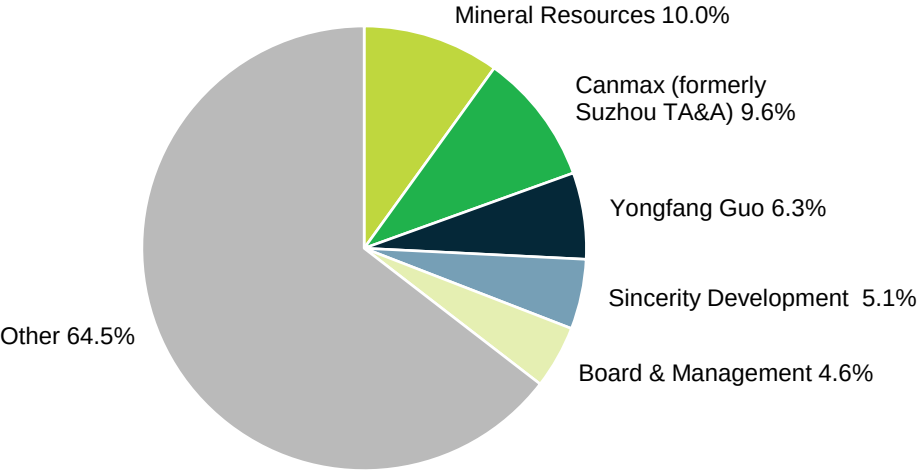
¹ Refer ASX release titled "MANNA LITHIUM PROJECT RESOURCE GROWS", 26 JULY 2023

GL1 Corporate Snapshot (8 March 2024)

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Market Cap	Share Price	Shares on issue
A\$161m	A\$0.62	260m
Options ¹	Cash ²	Equity in ASX:KAL ^{3&4}
12.7m	A\$32m	A\$3.7m (10%)

Share Register



ASX share price performance



Research Coverage



¹Including various tranches of performance rights. ²As of 29 February 2024 ³Refer ASX release titled "MANNA LITHIUM PROJECT EXPANSION OF REGIONAL INTERESTS", 26 JUNE 2023, incl. Right Issue of 44m shares. ⁴As of 29 February 2024

The Board – Setting the Strategy



Geoff Jones

Non-Executive Chair

Current CEO of MACA Interquip, Non-Executive Director of Rumble Resources (ASX:RTR). Previous MD of GR Engineering Services (ASX:GNG). 35 years' experience in engineering, project delivery and management in minerals processing.



Ron Mitchell

Managing Director

Current Chair of the LME Lithium and Cobalt Committee; Former Executives roles at Tianqi Lithium & Talison Lithium; 14 years' experience in the lithium industry. 7 years living and working in Nth Asia.



Dr Dianmin Chen

Non-Executive Director

Founder of Global Lithium with 35 years' experience in metals, mining and capital markets. Former Barrick Gold senior management and Managing Director / CEO of Norton Goldfields Limited.



Hayley Lawrance

Non-Executive Director

Commercial lawyer; Director and company secretary for +22 years with a mining industry focus including ESG and approvals; Chair of Holyoake Inc.



Greg Lilleyman

Non-Executive Director

Former Fortescue Metals and Rio Tinto executive with 30 years of international experience in the mining sector. Key global contacts and networks throughout the mining sector.



Kevin Hart

Company Secretary

Chartered accountant with +30 years' experience in accounting and administration of ASX listed public companies; Principal of Automic Group.

The Leadership Team – Driving the Culture



Ron Mitchell
Managing
Director



Matt Allen
Chief Financial
Officer

Chartered Accountant, Fellow of FinSIA and Graduate Member of AICD with +25 years of senior executive experience in the resources finance sector in a range of commodities including rare earths and oil and gas. Experienced in transitioning companies through exploration into production operations covering financing, treasury operations, risk management and financial control.



Dr Tony Chamberlain
Project Director

PhD in Metallurgy with +25 years of experience in the mining industry. He held a number of senior operational and management roles during his 12 years at WMC Resources and BHP Billiton. Dr Chamberlain has been involved with a number of ASX listed developers in various executive and board roles.



Logan Barber
GM Geology

Highly successful Geologist with over +15 years of exploration experience focused on Lithium, Iron Ore, Base and Precious Metals. He has significant strengths in project generation and evaluation.



Simon Corrigan
Approvals &
Corporate Affairs
Advisor

More than 20 years of experience in approvals, government relations, community relations and communications. He held several political advisory including as a Chief of Staff in the WA Government. He then went on to hold senior roles at CITIC Pacific Mining, Atlas Iron and BHP.

CY2024 Year Ahead Highlights

- Commence Manna CY24 exploration campaign to test additional lithium targets along strike
- Complete Manna Definitive Feasibility Study
- Complete Manna Mineral Resource Estimate (MRE) update
- Complete additional optimised Manna metallurgical and ore sorting testwork
- Complete Manna Native Title Mining Agreement (NTMA) negotiation
- Submit all ecological / environmental approvals documents
- Receive grant of the Manna Mining Lease
- Finalise negotiations with logistics providers for rail, berth and port shed allocation
- Pursue growth opportunities through strategic M&A

MANNA LITHIUM PROJECT

- 100% owned project
- Tier 1 mining jurisdiction
- Outcropping spodumene bearing pegmatite
- Current Indicated & Inferred Mineral Resource of 36.0Mt @ 1.13% Li₂O

Manna Exploration Upside

Exploration

Two years of intensive exploration:

- CY22 – 46,000m¹
- CY23 – 60,000m²
- Current MRE (**36.0Mt @ 1.13%**) based on historical and CY2022 drilling³

CY23 infill drilling to increase confidence in resource classification

CY24 extensional drilling focussed on growing the resource

MRE update to be announced Q2 CY24

Resource open at depth and in multiple directions

Direct and indirect landholding increased 280% to 700km² in 2023

- CY24 drilling program to commence Q2



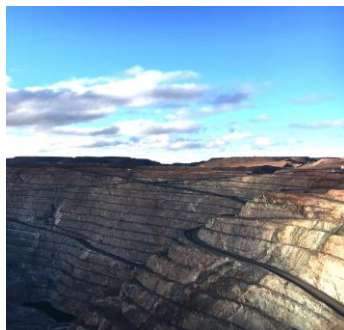
¹ Refer ASX release titled "COMPLETION OF MANNA TRANSACTION AND STRATEGIC PLACEMENT", 15 November 2022.

² Refer ASX release titled "2023 MANNA DRILLING PROGRAM COMPLETES", 8 December 2023

³ Refer ASX release titled "MANNA LITHIUM RESOURCE GROWS", 26 July 2023

World Class Location

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Major Mines & Projects



City of Kalgoorlie-Boulder



Trans Australian Railway



Access Road



High-speed Data



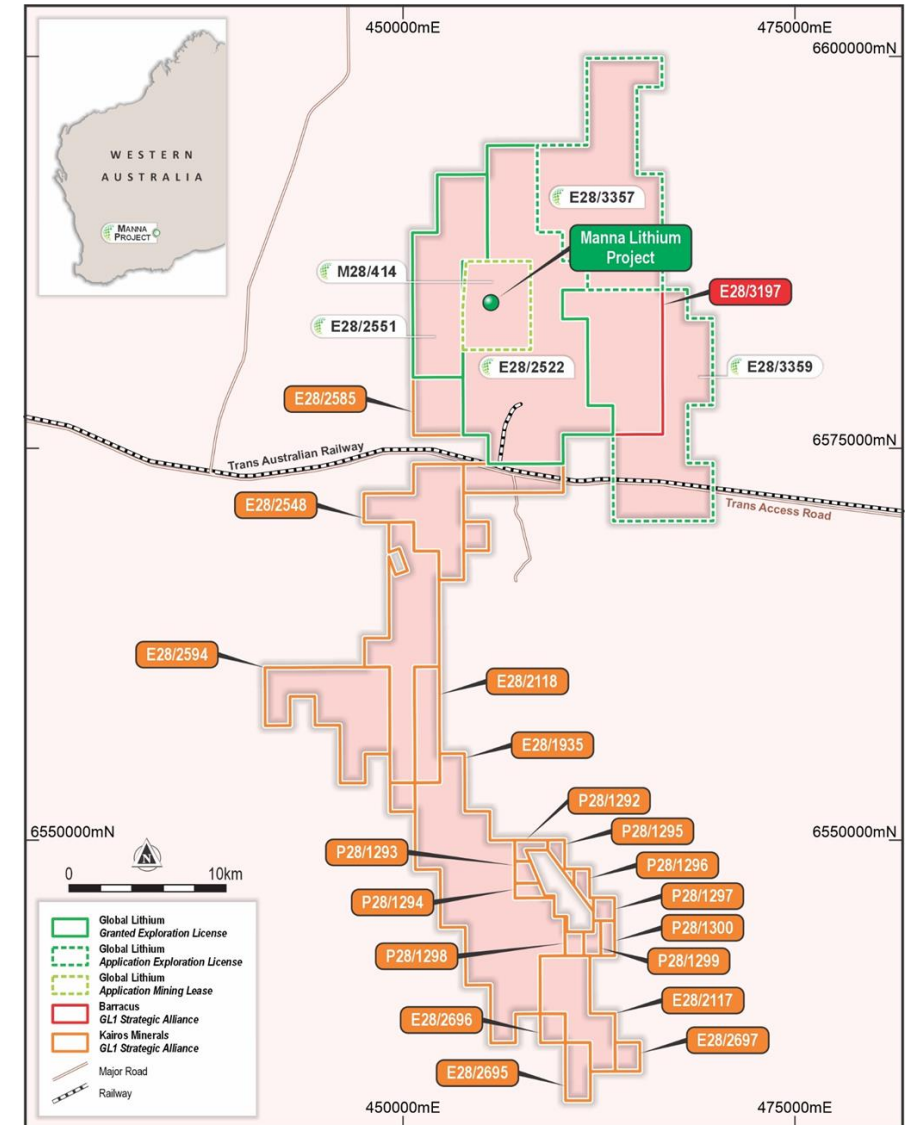
Utilities



Manna Lithium Project – Changes to Tenement Holding

Tenement Changes

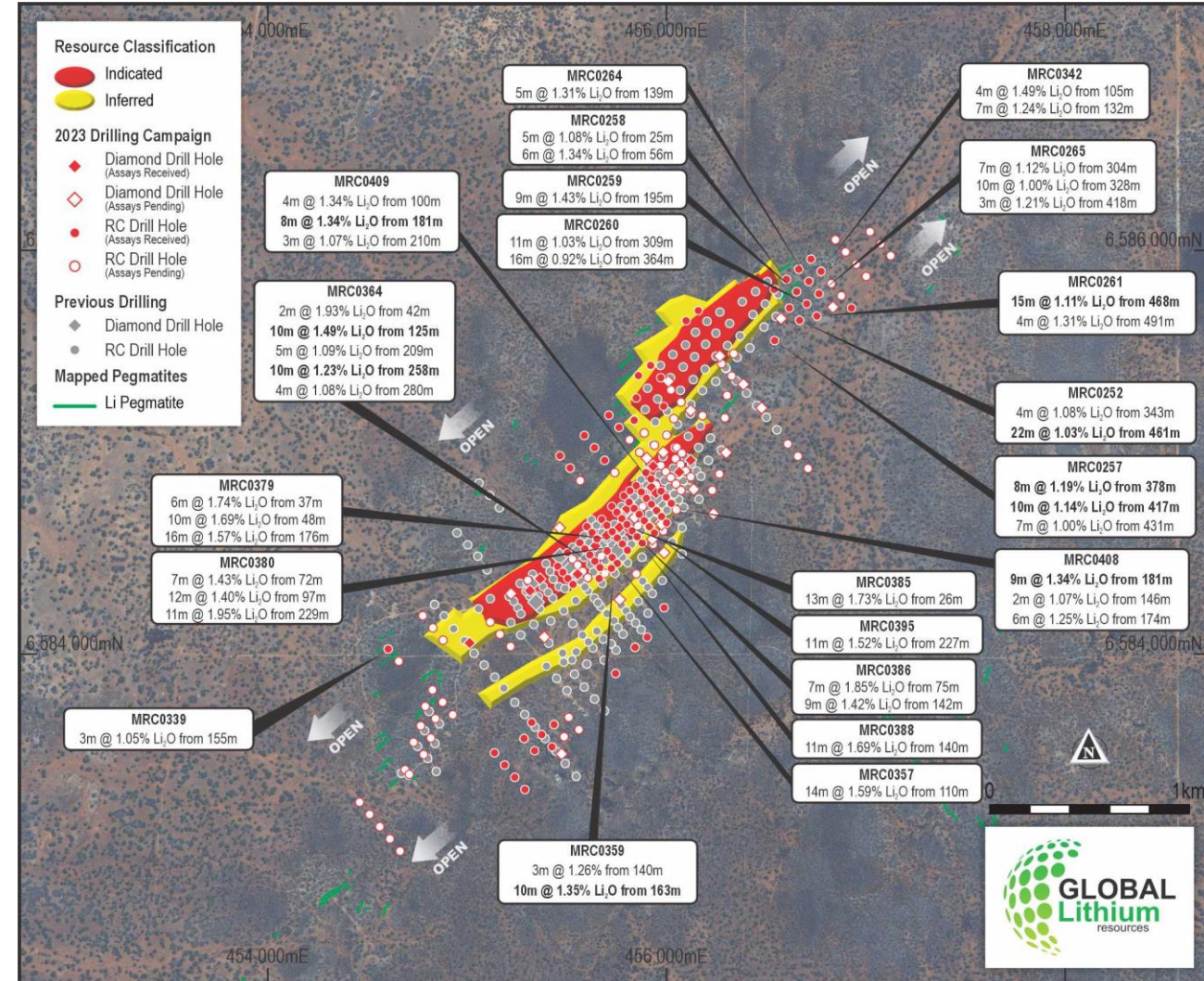
- E28/3359 won in ballot – 19 blocks, mainly overlying granite/syenite
- E28/2585 – compulsory partial surrender by KAI. Applications by three parties including a Hancock subsidiary
- Manna total direct and indirect landholding now 700 km²
 - increased 280% from Jan 2023



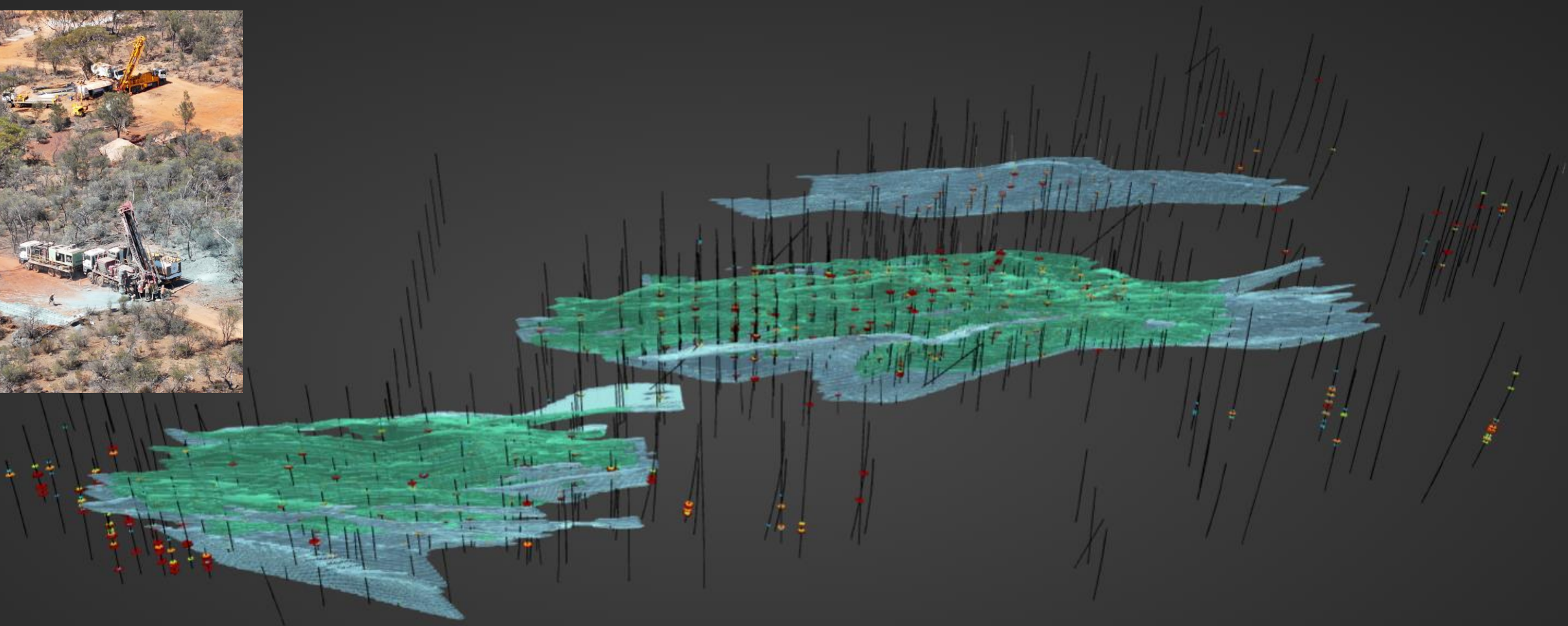
High-Grade Drilling Results Continue

Over 60,000m of Reverse Circulation and Diamond Drilling completed during 2023

- Further high-grade results received from CY23 resource infill and expansion drilling
- Best drill intercept to date of **26m @ 1.53% Li₂O**
- Manna Central resource area continues to demonstrate continuity and return high-grades
- Significant intercepts outside the current resource
- New zone of lithium mineralisation identified under cover southwest of Manna Central
- Manna pegmatites have returned grades >1% Li₂O over a 3.2km strike length to a 450m vertical depth



Manna - VRIFY Geological Model



Manna - Definitive Feasibility Study

- DFS and related metallurgical studies well advanced
- Completion of DFS expected CY24 and to incorporate:
 - Updated MRE including all CY23 drilling program results
 - Detailed open pit and underground mine schedules
 - Optimised metallurgical testwork results
 - Detailed operating and capital cost estimates
- Plant capacity adjusted to align with open pit and underground mining operations'
- Plant layout being optimised for constructability and reduce site construction hours
- SRK to provide independent technical peer review



Manna - Metallurgical Testwork Update

- Manna process flowsheet well defined
- Whole-of-ore (WOO) flotation flowsheet achieving 70-75% lithia recovery
- This increase in lithia recovery will have a positive impact on project economics at Manna
- 66 flotation tests completed to-date
- Recovery improvement of 5% realised through optimisation of WHIMS & Mica flotation circuits
- Spodumene concentrate consistently achieving 5.6 – 6.5% Li_2O and 0.4-0.8% Fe_2O_3
- Further recovery improvements being pursued through reduction in slimes losses within the ball mill circuit

Result	Unit	Zone 1				Zone 2	
		High Grade		Low Grade			
		Updated ¹	Prior Reported ²	Updated ¹	Prior Reported ²	Updated ¹	Prior Reported ²
Deslime Li Loss	%	12.8	13.2	10.8	12.9	13.6	14.3
Mag. Separation Li Loss	%	5.5	3.8	5.8	4.6	5.9	5.2
Mica Float Li Loss ³	%	1.3	7.7	5.3	10.5	11.1	18.0
Spodumene Float Li Loss ³	%	3.7	3.4	4.1	3.6	5.3	2.1
Overall Li Recovery	%	76.7	71.9	74.0	68.4	64.2	60.4
Spodumene Conc. Grade³	% Li_2O	6.3	6.5	5.8	5.7	5.6	5.6
Spodumene Conc. Fe Grade ³	% Fe_2O_3	0.5	0.4	0.4	0.6	0.4	0.8

Notes:

1. Refer ASX release "Manna Metallurgical Testwork Update" dated 7 March 2021
2. Refer ASX release "Manna DFS and Metallurgical Test Work Update" dated 16 November 2023.
3. Rougher-only flotation, effectiveness of cleaning still to be investigated.

Manna - Approvals and Permitting

Environmental

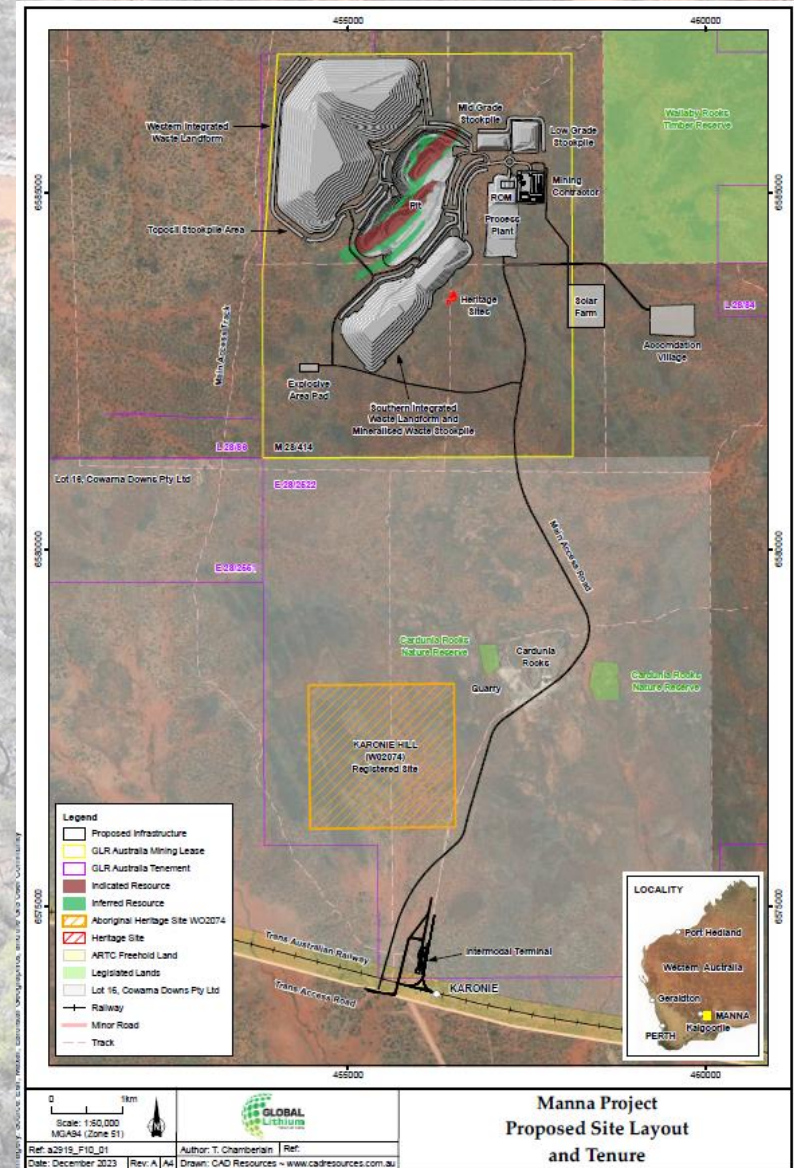
- All flora and fauna surveys completed with no significant impacts identified

Native Title and Heritage

- All heritage surveys completed with no culturally significant sites identified
- Native Title Mining Agreement (NTMA) negotiation well advanced

Mining Lease

- Mining Lease application (MLA 28/414) lodged with Department of Mines, Industry Regulation and Safety (DMIRS)
- Mine layout has been finalised and Mining Proposal now being prepared
- Mine Closure Plan well advanced
- Work Approval applications being drafted



2024 Key Milestones: De-risked and Disciplined

Well positioned to capture significant upside with anticipated lithium market recovery



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MARBLE BAR LITHIUM PROJECT

- 100% owned
- Tier 1 mining jurisdiction
- Inferred Mineral Resource of 18.0Mt @ 1% Li₂O

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Highly Prospective Geological Setting

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Geology

- Spodumene bearing pegmatite hosted in greenstone and granite contact
- Similar geological settings to nearby Pilgangoora¹ and Wodgina² deposits

Resource

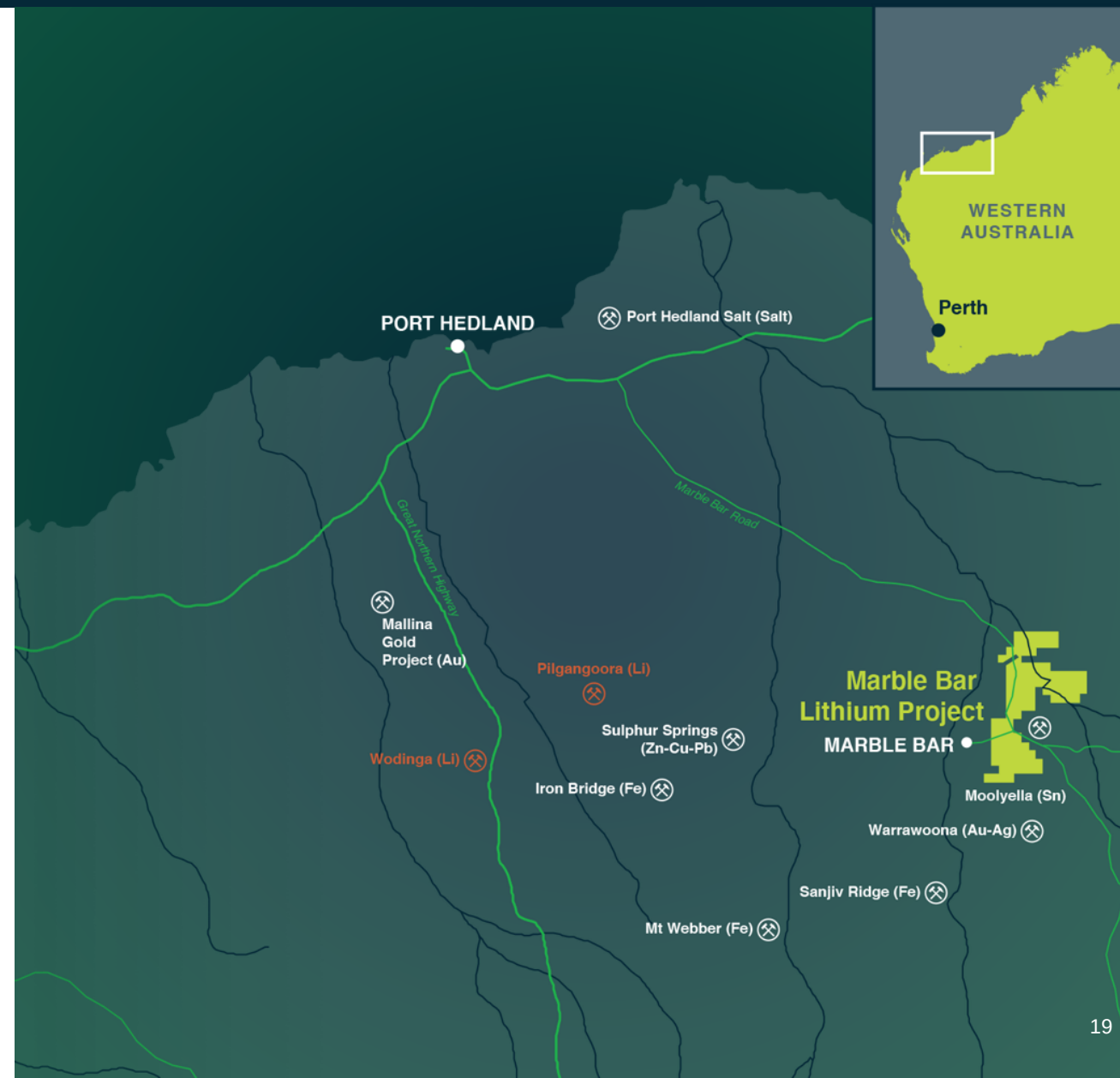
- Inferred Mineral Resource of 18.0Mt @ 1.0% Li₂O³
- Lithium mineralisation in drilling identified over 15km

Exploration Upside

- Highest grade lithium assays delivered to date⁴
- Highly prospective gold and base metal targets tested in 2023
- Further drilling planned in CY24

Infrastructure Rich

- Tier 1 lithium mining jurisdiction
- Sealed road through tenement area
- 150km south-east of Port Hedland



¹ Owned by Pilbara Minerals (ASX: PLS).

² Owned by the MARBL JV, 60% Albemarle, 40% Mineral Resources (ASX: MIN).

³ Refer ASX release titled "GL1 DELIVERS TRANSFORMATIVE LITHIUM RESOURCE BASE", 15 December 2022.

⁴ Refer ASX release titled "Highest Grade Lithium Assays Delivered to Date at Marble Bar Lithium Project", 2 May 2022.

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