RIU Explorers Conference

Fremantle 13-15 February 2024

# GLOBAL LITHIUM RESOURCES
# Manna Lithium Project

ASX:GL1

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# Acknowledgement of Country

We acknowledge the Whadjuk people of the Noongar Nation – traditional custodians of this land.

We also acknowledge the Kakarra and Nyamal people, traditional owners of the land in which our Manna and Marble Bar Lithium Projects are located.

We wish to acknowledge the strength of their continuing cultures and offer our respects to Elders past, present and emerging.

# Strategic Highlights

## Multi-asset development optionality

- Combined Mineral Resource of **54Mt @ 1.09% $Li_2O$** [1]
- Two projects provide development optionality and funding alternatives
- **70% offtake** uncontracted

## JORC compliant resources

- Wholly owns **2 JORC** compliant lithium resources in Australia listed on the ASX
- Manna MRE update following **60,000m** CY23 drilling program

## 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

- Continue to seek and review **strategic M&A** opportunities
- **Resources diversification** via development of other critical mineral resources

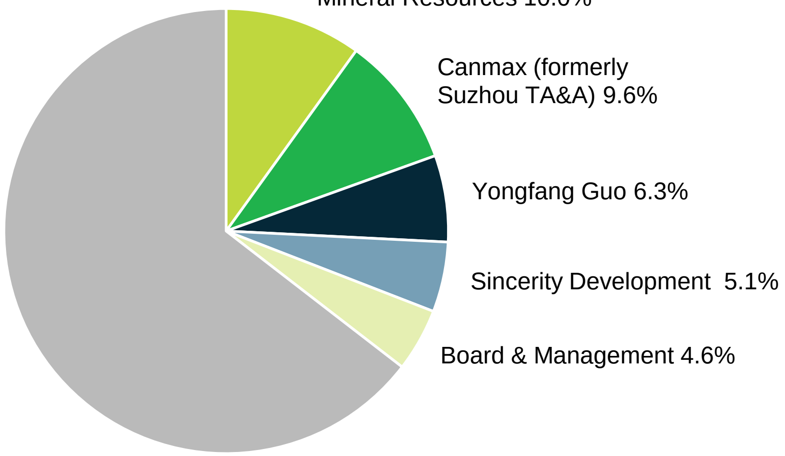

1 Refer ASX release titled "MANNA LITHIUM PROJECT RESOURCE GROWS", 26 JULY 2023

# GL1 Corporate Snapshot (13 February 2024)

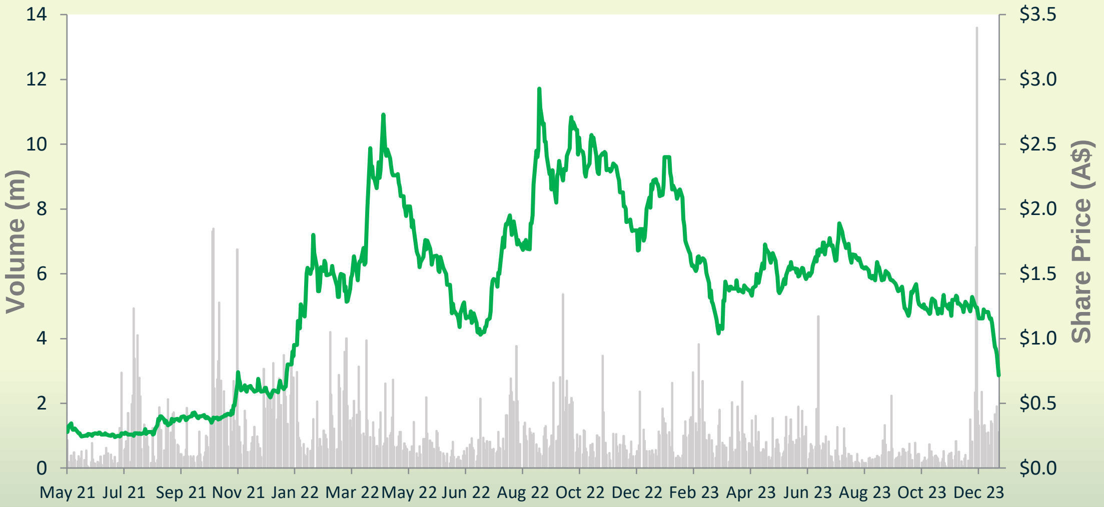
| Market Cap | Share Price | Shares on issue |
|---|---|---|
| A$117m | A$0.45 | 260m |

| Options[1] | Cash[2] | Equity in ASX:KAI[3&4] |
|---|---|---|
| 12.4m | A$36m | $3.4m (10%) |

## Share Register




## ASX share price performance




## Research Coverage

MACQUARIE | Canaccord Genuity | Barrenjoey | ARGONAUT | ShawandPartners | Jefferies

[1] Including various tranches of performance rights. [2] As of 31 December 2023 [3] Refer ASX release titled "MANNA LITHIUM PROJECT EXPANSION OF REGIONAL INTERESTS", 26 JUNE 2023, incl. Right Issue of 44m shares. [4] As of 12 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.

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# MANNA LITHIUM PROJECT

- 100% owned project
- Tier 1 mining jurisdiction
- Outcropping spodumene bearing pegmatite
- Indicated & Inferred Mineral Resource of 36.0Mt @ 1.13% $Li_2O$

# Manna Exploration Upside

## Exploration

- Two years of intensive exploration:
    - CY22 – 46,000m[1]
    - CY23 – 60,000m[2]
    - Current MRE **(36.0Mt @ 1.13%)** based on historical and CY2022 drilling[3]
- Updated MRE anticipated following CY23 program
- Infill drilling to increase confidence in resource classification
- Extensional drilling focussed on growing the resource
- Resource open at depth and in multiple directions
- Direct and indirect landholding increased 280% to 700km$^2$ in 2023
- CY24 drilling program being finalised


[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

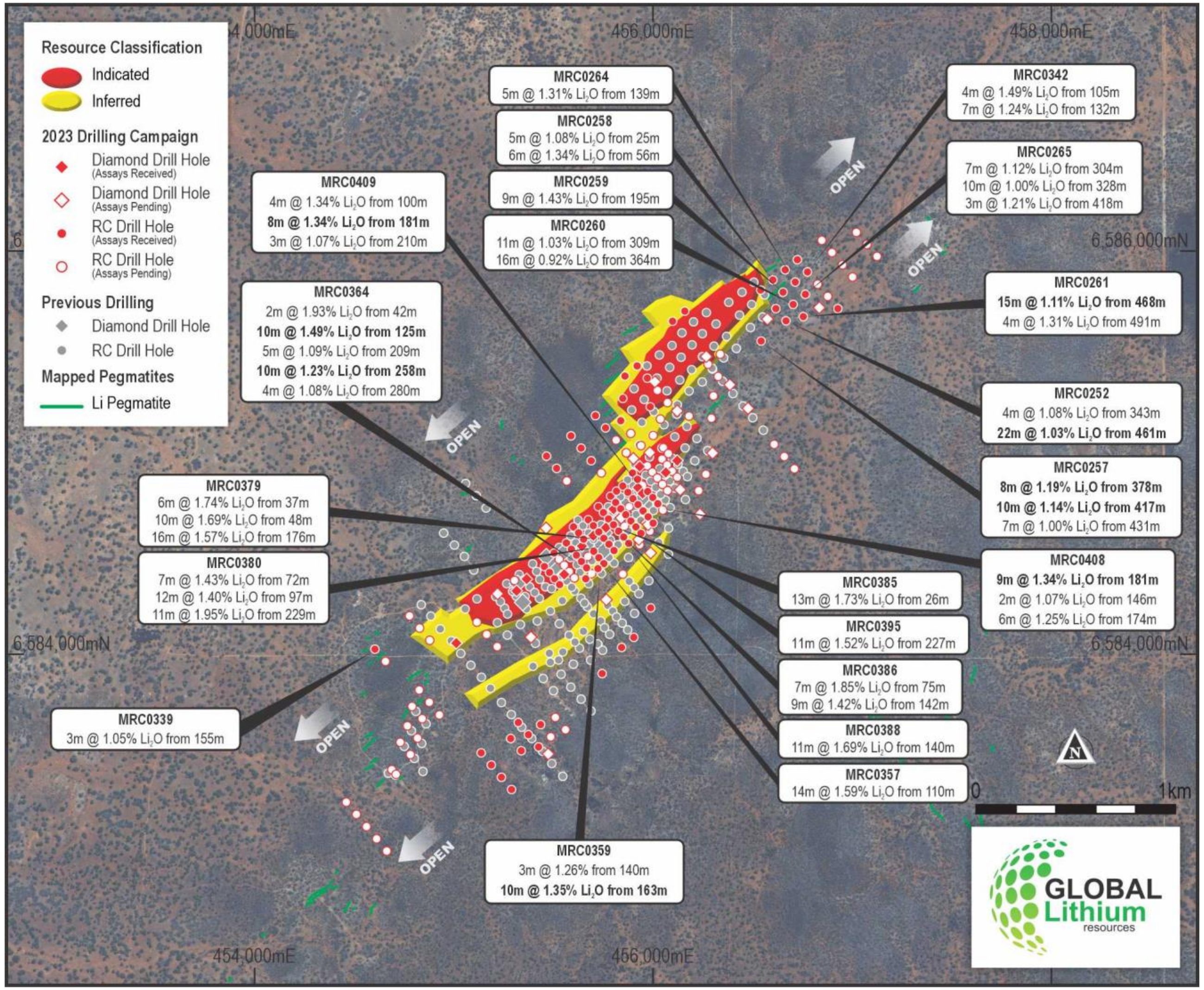

High-speed Data

Utilities

# 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% $Li_2O$**
- 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% $Li_2O$ over a 3.2km strike length to a 450m vertical depth
- Complete assay results expected Q1 CY24 and will be included in updated MRE in Q2 CY24



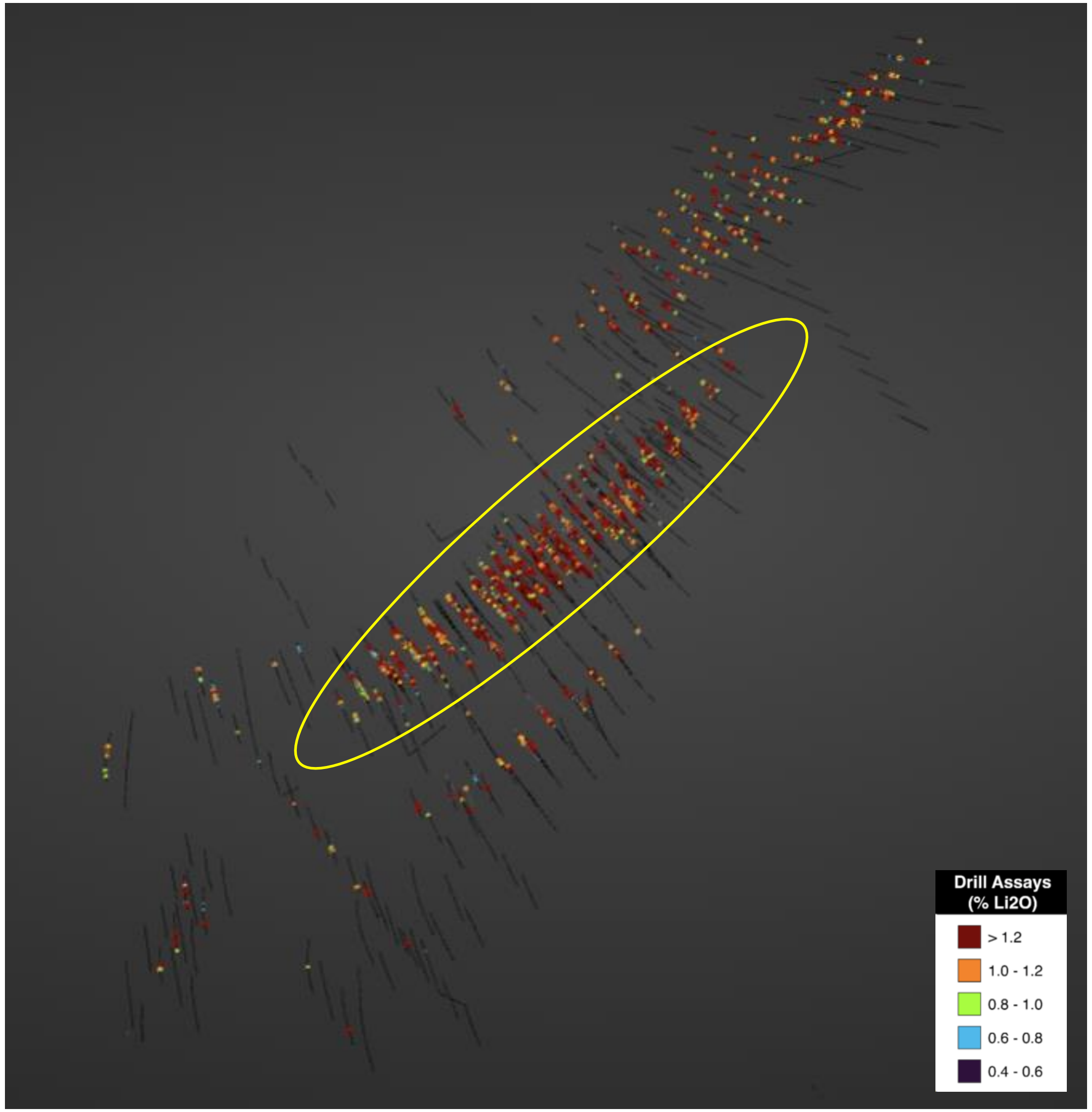

[1] Refer ASX release titled "High-Grade Drilling Results Continue at Manna", 19 December 2023

# Manna Central Zone

## Infill drilling continues to demonstrate continuity and deliver high-grade results

- High-grade infill drilling results from CY23 program include:
  - **26m @ 1.53% $Li_2O$** from 249m in MRC0290
  - **15m @ 1.58% $Li_2O$** from 251m in MRC0306
  - **13m @ 1.34% $Li_2O$** from 75m in MRC0356
  - **10m @ 1.35% $Li_2O$** from 163m in MRC0359
  - **10m @ 1.49% $Li_2O$** from 125m in MRC0364

- Key sections infilled to a 40 x 40m spacing to support mine planning and MRE update
- Central pegmatite zone tested over a 1.4km strike to a vertical depth of 450m

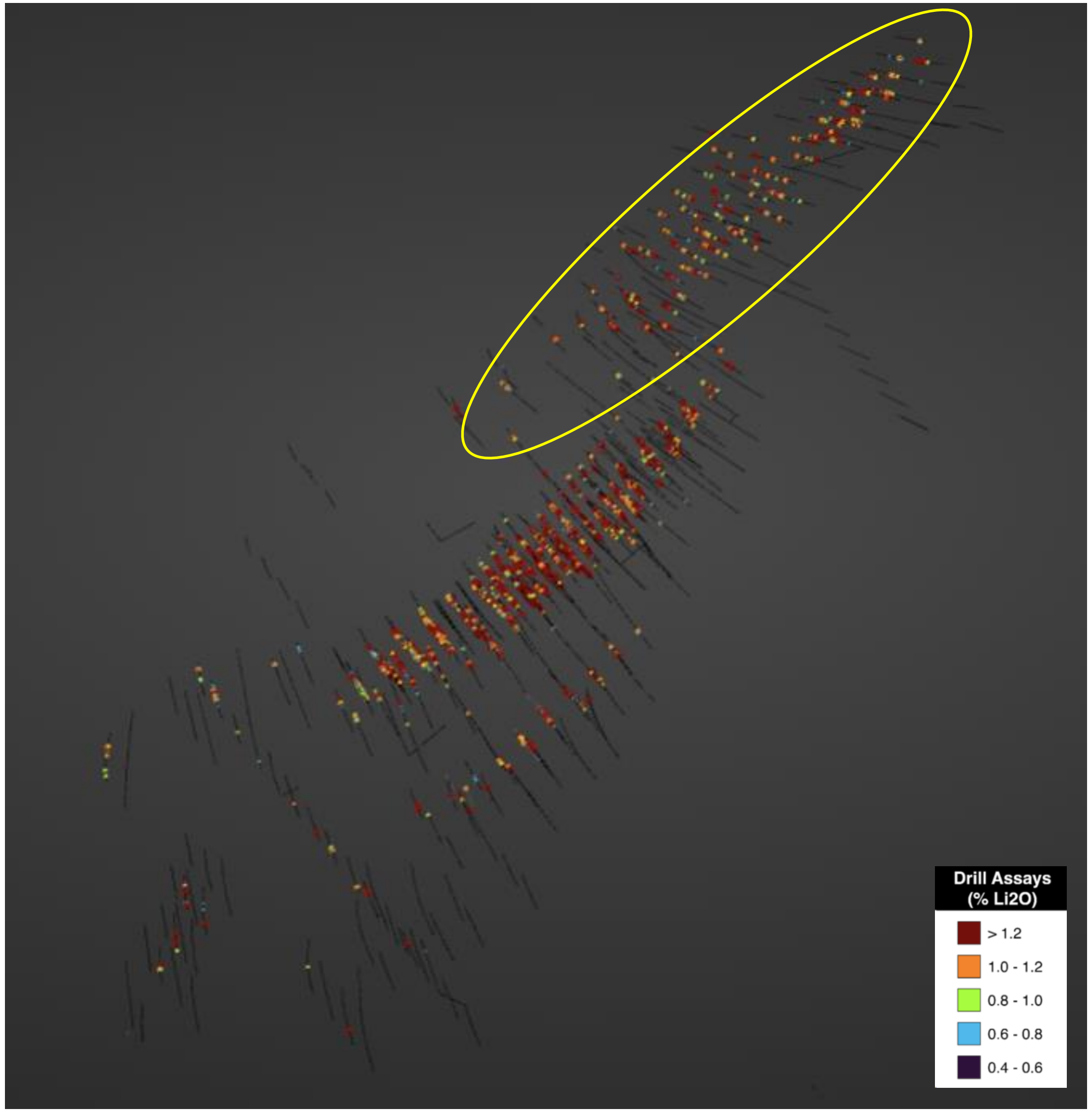



[1] Refer ASX release titled "High-Grade Drilling Results Continue at Manna", 19 December 2023

# Manna North Zone

## Drilling in Manna north-eastern extension delivers significant intercepts outside of current resource

- CY23 drilling in north-eastern extension extends mineralisation, including:
  - **10m @ 1.61% $Li_2O$** from 317m in MRC0236
  - **8m @ 1.19% $Li_2O$** from 378m in MRC0257
  - **10m @ 1.14% $Li_2O$** from 417m in MRC0257
  - **22m @ 1.03% $Li_2O$** from 461m in MRC0252
  - **15m @ 1.11% $Li_2O$** from 468m in MRC0364
- Assay results pending from drilling targeted to confirm shallow extensions of mineralisation along strike to northeast
- Underground study underway focussed on the Manna North mineralisation

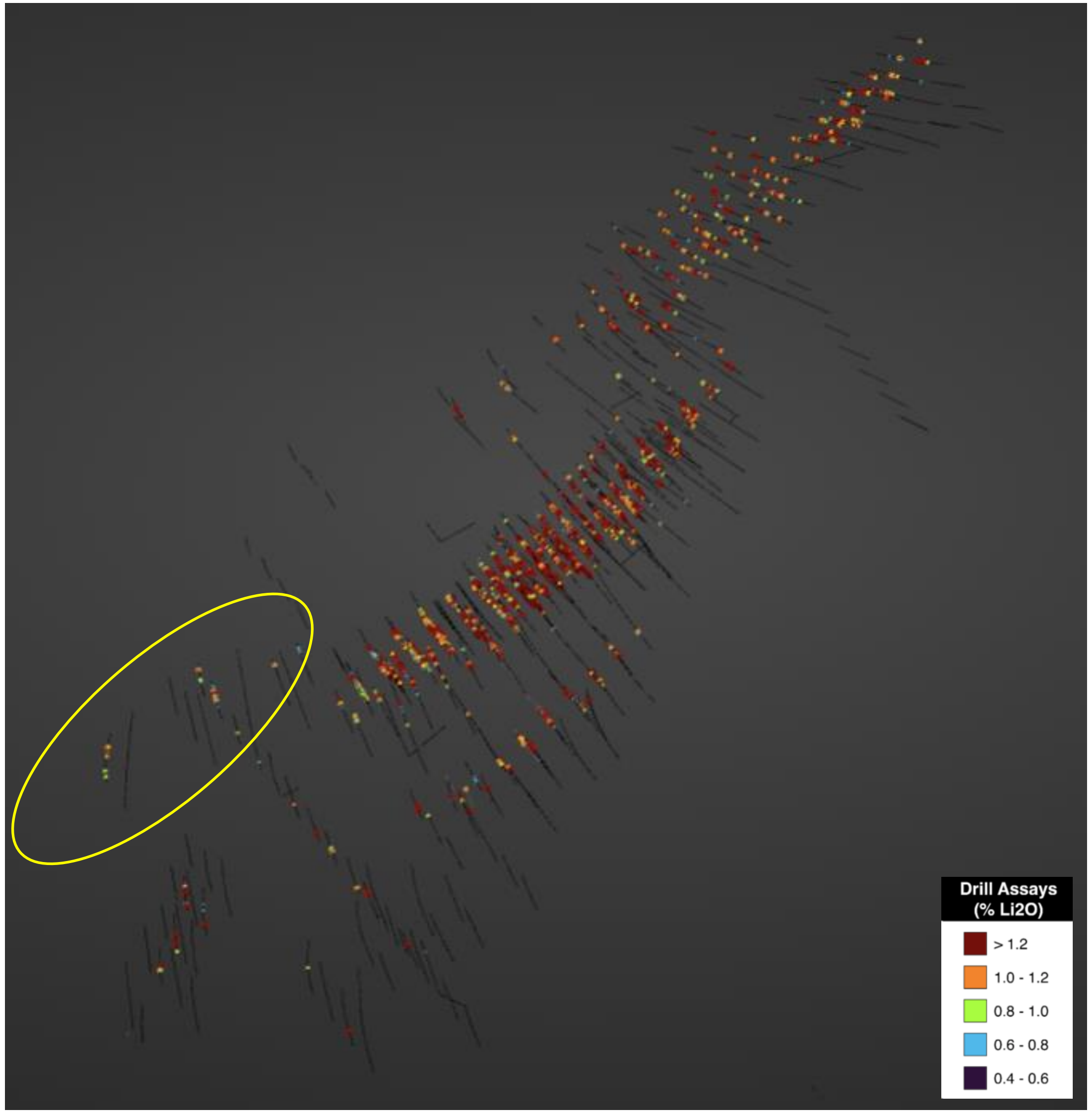



[1] Refer ASX release titled "High-Grade Drilling Results Continue at Manna", 19 December 2023

# Manna South Zone

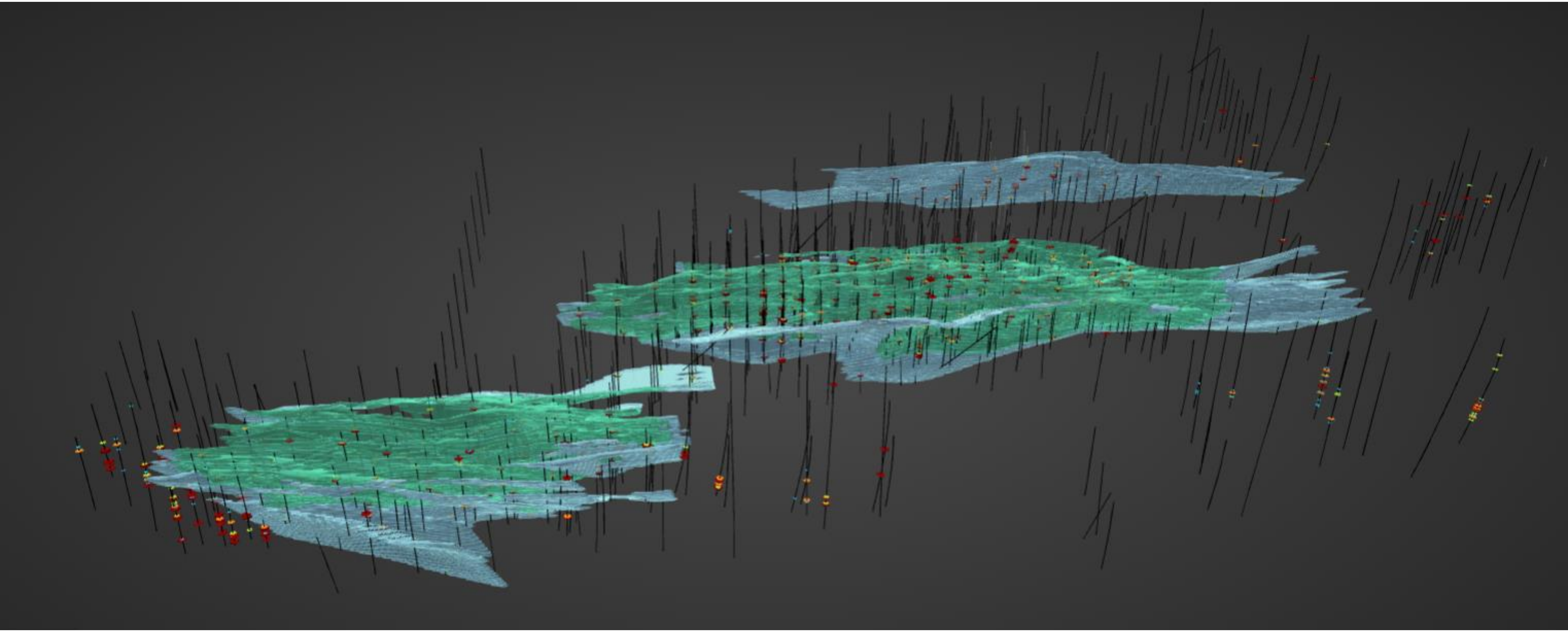
## Step out exploration drilling identifies new zone of lithium mineralised pegmatite

- New zone to the south of Manna Central resource area demonstrates potential for new discoveries and large resource
- Highlights from step out exploration drilling include:
  - MRC0339
    - **4m @ 0.64% $Li_2O$** from 137m
    - **6m @ 0.79% $Li_2O$** from 146m
    - **3m @ 1.05% $Li_2O$** from 155m
    - **6m @ 0.93% $Li_2O$** from 161m
    - **11m @ 0.64% $Li_2O$** from 173m
- Assays still pending with results expected Q1 CY24
- Follow-up drilling in CY24 to target up dip and strike extensions



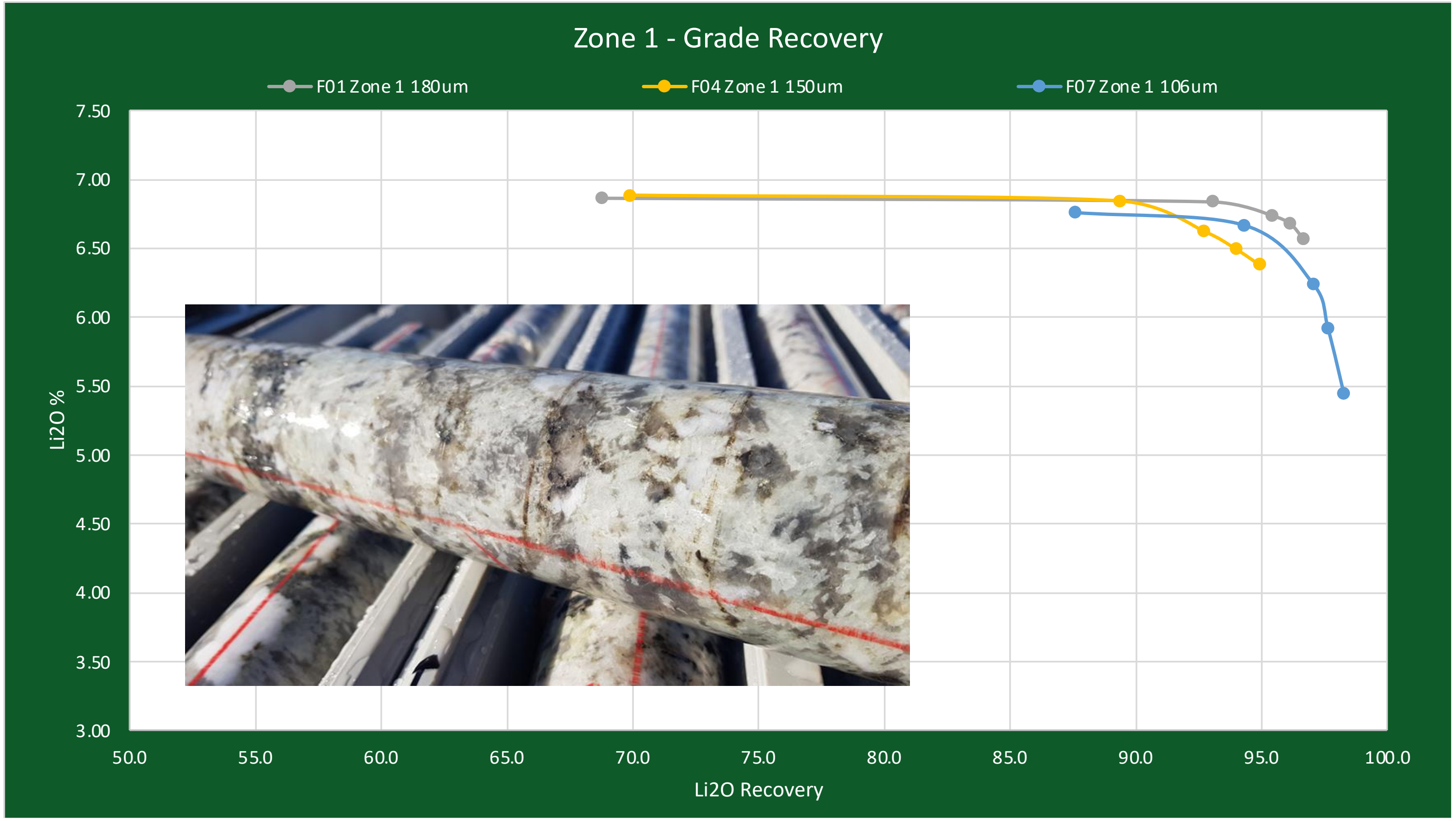

[1] Refer ASX release titled “High-Grade Drilling Results Continue at Manna”, 19 December 2023

# VRIFY Geological Model



# 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 mine schedule
  - Metallurgical and process flowsheet test work results
  - Detailed operating and capital costs
- Metallurgical test work demonstrates rougher flotation recovery >95% at 5.5% $Li_2O$ or better and SC grade of >5.5% $Li_2O$[1]




Flotation performed on all ore types revealed liberated float feed with product grades ≥6.5% $Li_2O$

1 Refer ASX release titled "MANNA DFS AND METALLURGICAL TEST WORK UPDATE" 16 NOVEMBER 2023

# Approvals and Permitting

## Environmental

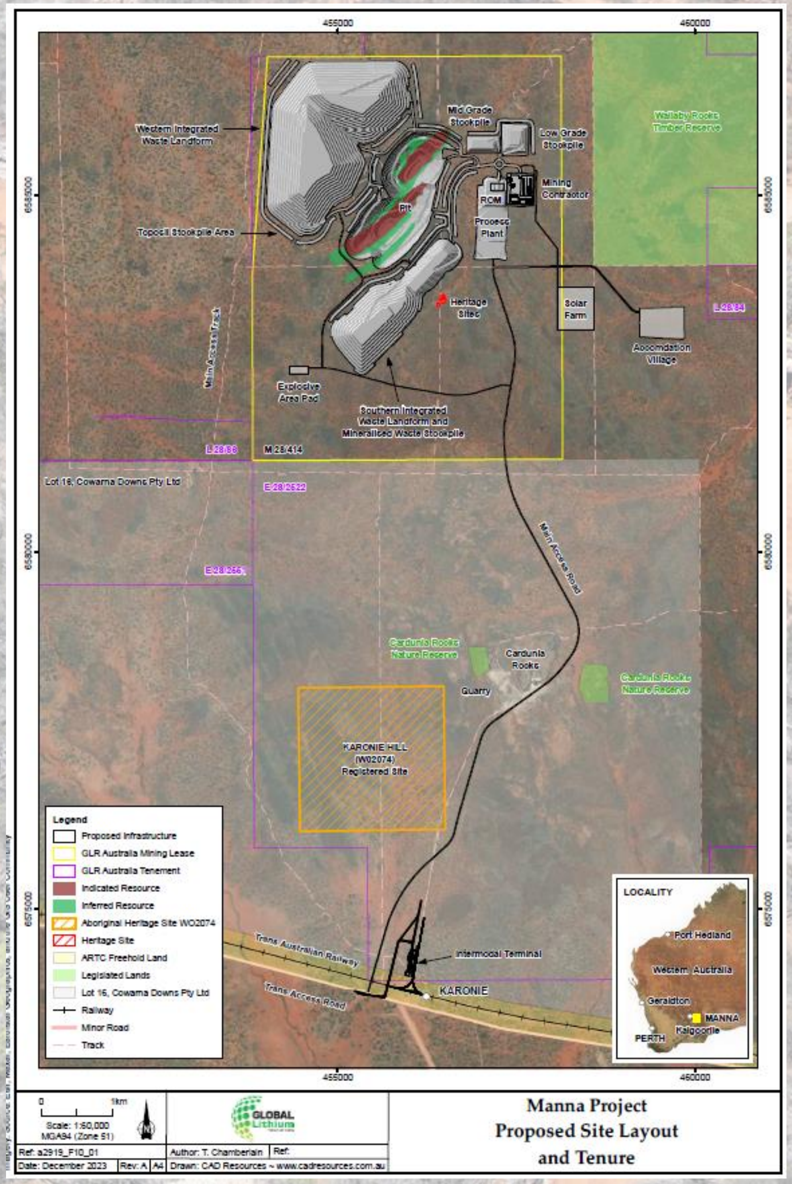
- All flora and fauna surveys completed with no significant impacts identified

## 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




Manna mining lease map[1]

[1] Refer ASX release titled "MINING LEASE APPLICATION LODGED FOR MANNA LITHIUM PROJECT", 26 April 2023.

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# 2024 Key Milestones: De-risked and Disciplined

## Well positioned to capture significant upside with anticipated lithium market recovery

# Community


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