



THE

MANNA LITHIUM PROJECT

Building a Lithium Company

Ron Mitchell – Managing Director

November 2023

ASX:GL1

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CORPORATE | PEOPLE | CULTURE

Strategic Highlights – Why Invest & Partner?

Multi-asset development optionality

- Combined Mineral Resource of **54Mt @ 1.09% Li₂O**
- Two highly prospective projects provide optionality around development and funding alternatives

JORC compliant resources

- Wholly owns **2 of only 14 JORC** compliant lithium resources in Australia listed on the ASX
- Most lithium resources are owned under joint ventures

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 (formerly Suzhou TA&A) and Mineral Resources (ASX:MIN)
- **Well-funded** to FID on the Manna Lithium Project

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 and growth focused

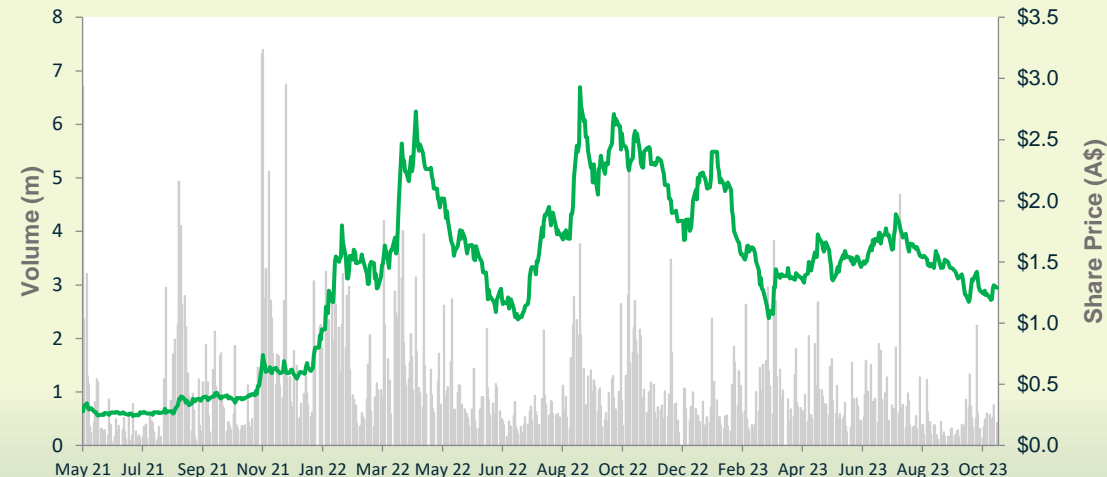
- Near term **cash flow** opportunities
- Continue to seek and review **strategic M&A** opportunities
- **Resources diversification** via development of other critical mineral resources



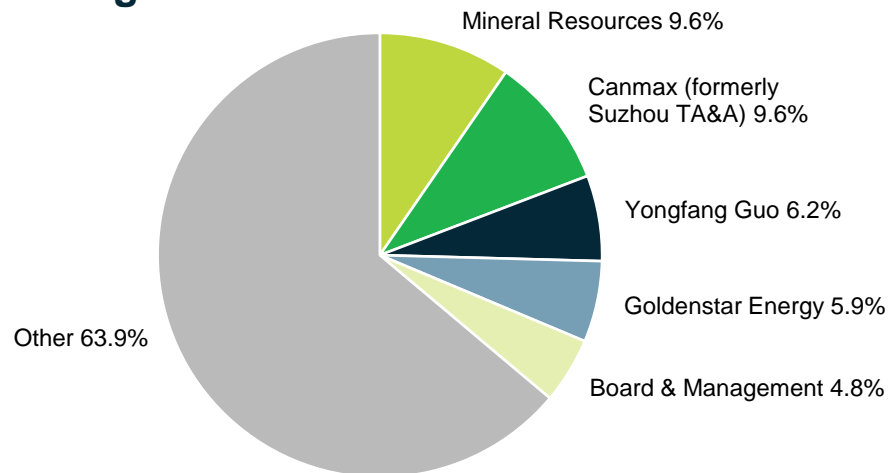
GL1 Corporate Snapshot (8 November 2023)

Market Cap	Share Price	Shares on issue
A\$332m	A\$1.23	259.86m
Options ¹	Cash ²	Equity in ASX:KAJ ^{2&3}
12.68m	A\$53m	\$4.4m (10%)

ASX share price performance



Share Register



Research Coverage

¹ Including various terms of performance rights. ² As of 30 September 2023. ³ Refer ASX release titled "MANNA LITHIUM PROJECT EXPANSION OF REGIONAL INTERESTS", 26 JUNE 2023, incl. Right Issue of 44m shares.

The Board



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; 13 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.



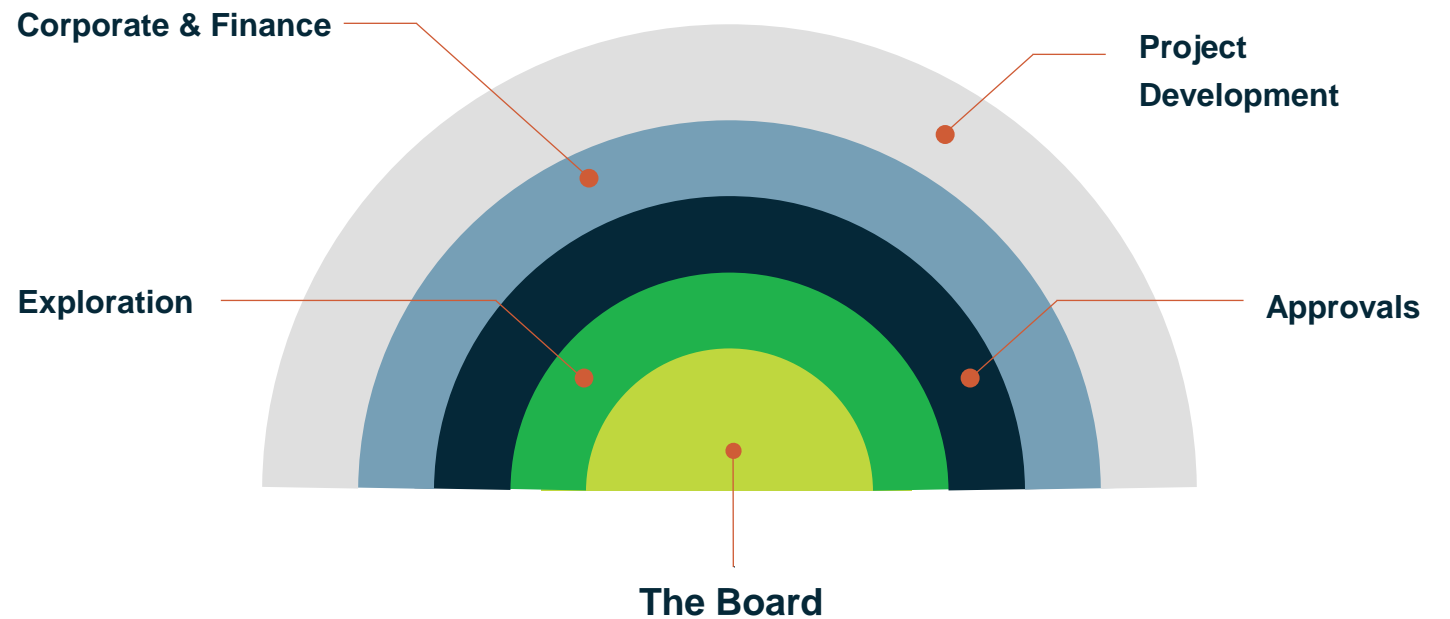
Kevin Hart

Company Secretary

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

Growing Team Drives Company Development

1. Board
2. Exploration
3. Approvals
4. Corporate & Finance
5. Project Development



RESOURCE | EXPLORATION | GROWTH

Geology

- Outcropping spodumene bearing pegmatite
- High grade individual pegmatite dykes +20m wide

Manna Deposit

- 100% ownership¹
- Mineral Resource Estimate of 36Mt @ 1.13% Li₂O²

Significant Upside

- Exploration upside with resource open at depth and to the NE and SW
- 20-person exploration camp commissioned
- +50,000m RC and diamond drilling program underway

Infrastructure Rich

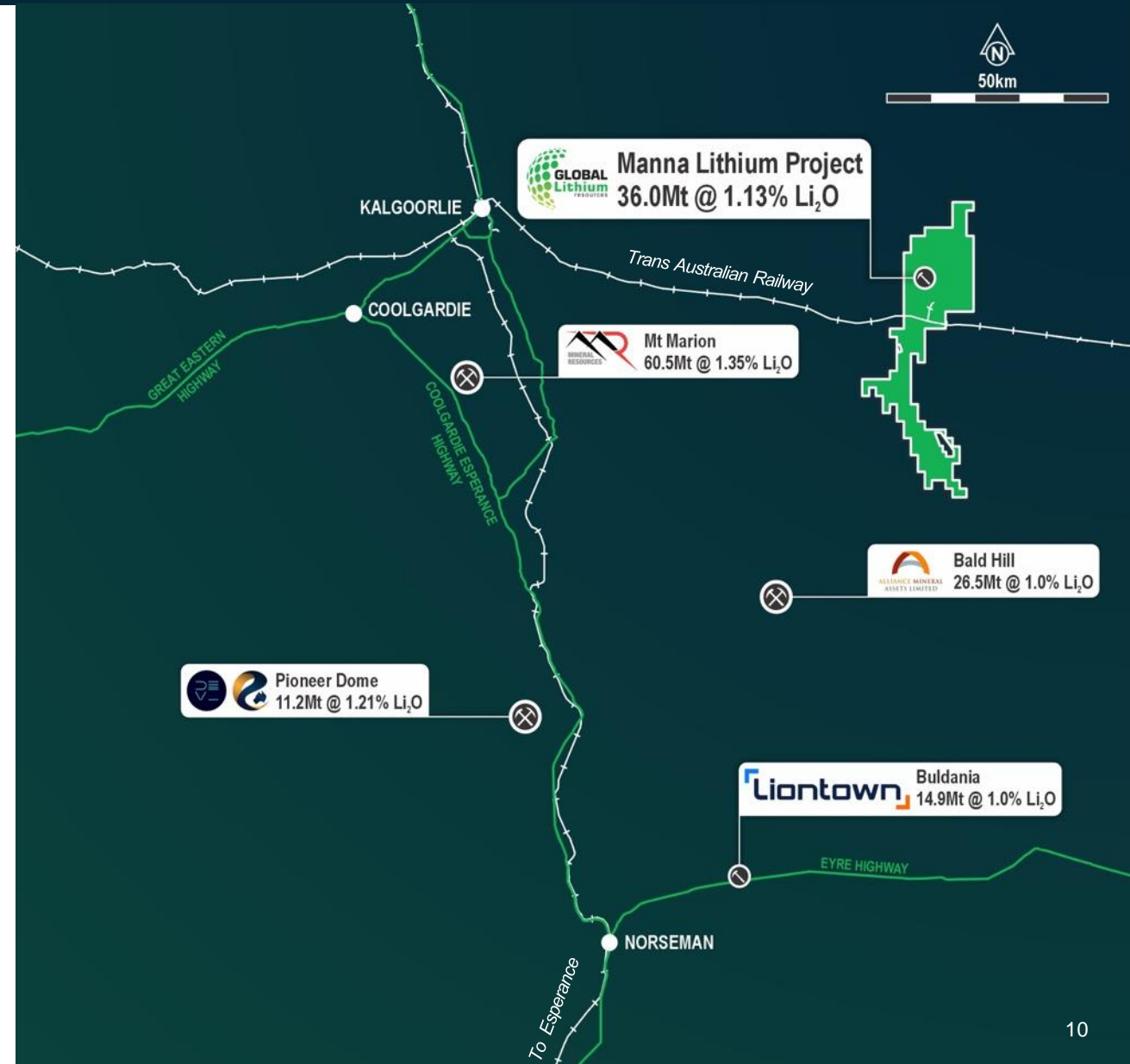
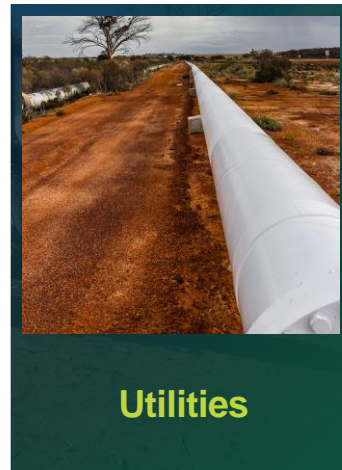
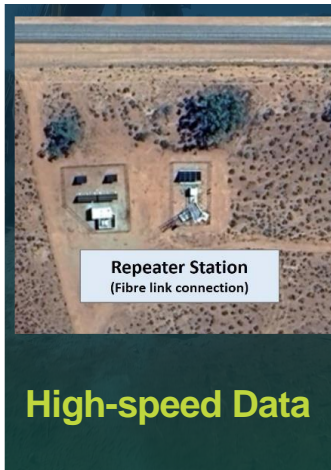
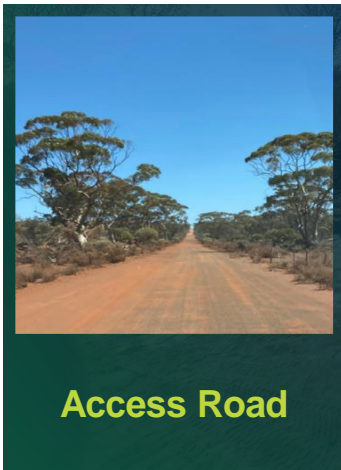
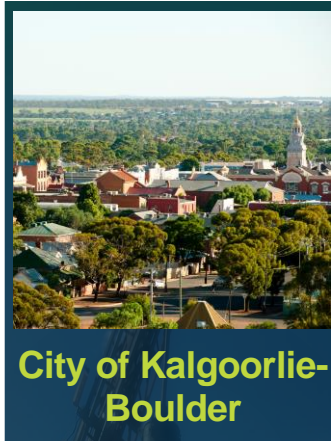
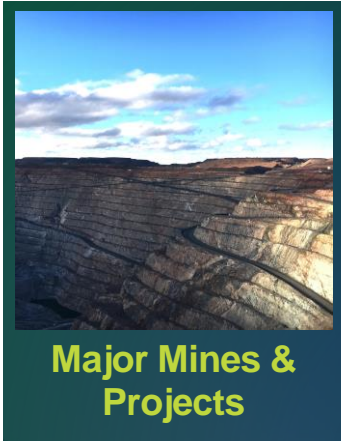
- The world's best lithium mining jurisdiction – Gold, Nickel and Lithium
- 100km East of Kalgoorlie – 13km North of Trans Australian Railway
- Railway or road options from Kalgoorlie to Esperance Port or Kwinana Port



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

² Refer ASX release titled "MANNA LITHIUM RESOURCE GROWS", 26 July 2023

World Class Location



Manna Exploration Upside

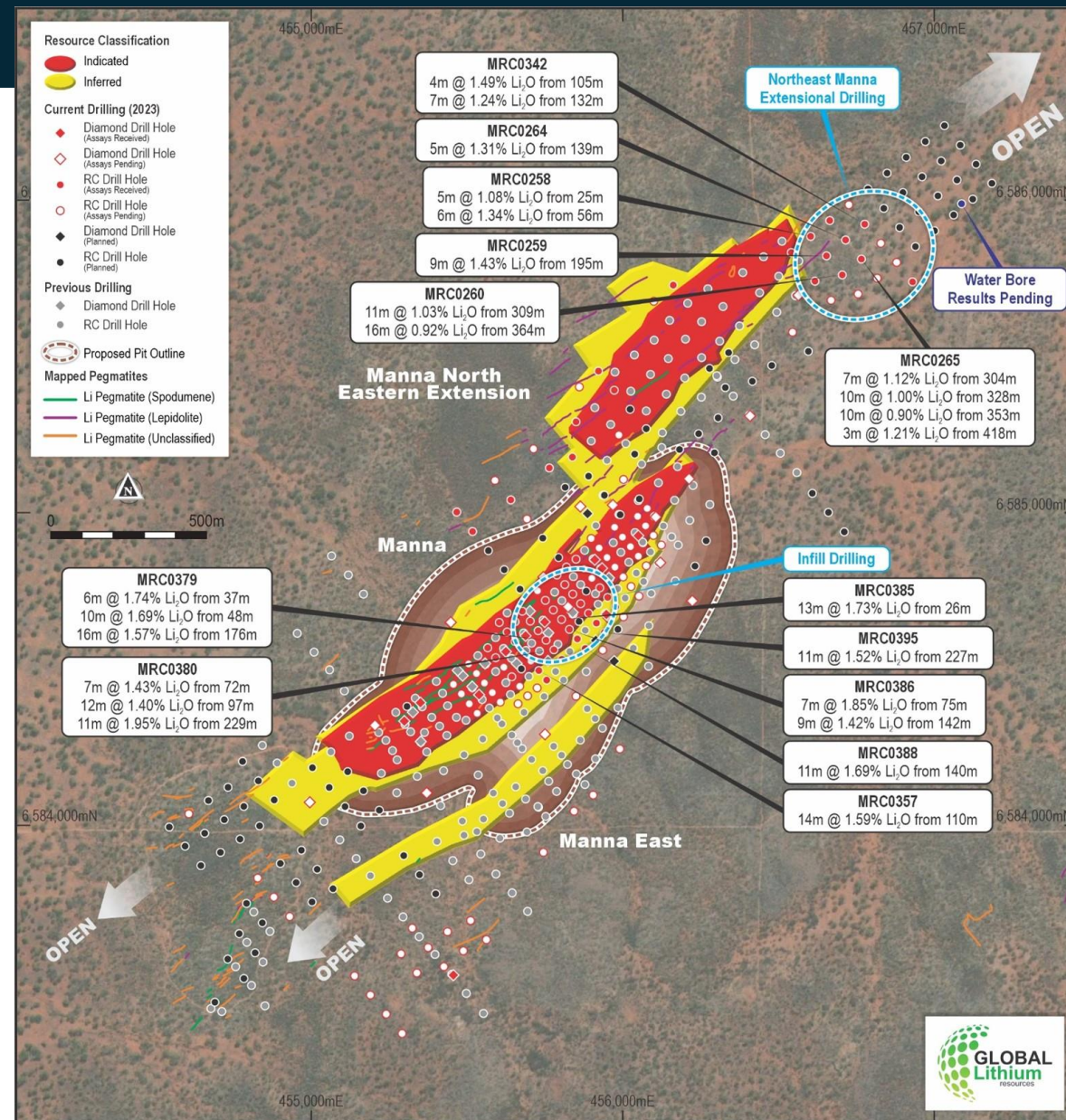
- Two years of intensive exploration:
 - CY2022 – 46,000m
 - CY2023 – 50,000m program underway
- Current MRE (**36.0Mt @ 1.13%**) based on 47,600m of historical and CY2022 drilling
- Updated MRE anticipated following CY23 program
- Infill drilling to increase confidence in resource classification



Further High-Grade Drilling Results

Resource Expansion Drilling Extends Strike at Manna

- Further ~500m mineralised strike added to the North-eastern extension¹
- Infill drilling intersecting high-grade spodumene bearing pegmatites
- Over 25,000m of the planned 50,000m program had been completed by October CY23
- 4 RC rigs and 1 DD rig currently onsite performing resource expansion, infill and geotechnical drilling
- 1 RC rig to continue hydrological drilling program along with hydrological and water bore testing
- Current program expected to be complete by early December 2023 with final assays received in Q1 2024



Definitive Feasibility Study

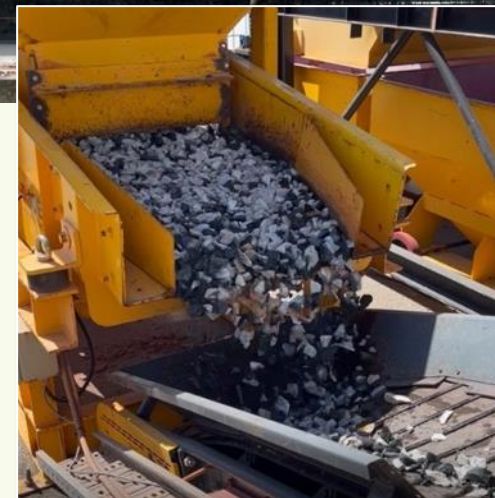
- DFS results expected in H1 CY24
- Final Investment Decision (FID) expected in CY24
- Further Mineral Resource updates to follow incorporating additional +50,000m of drilling
- Bulk metallurgical and ore variability test work underway
- Various work programs to improve project economics
- Environmental and heritage work activities continuing



Favourable Metallurgy

Ore Sorting Trials Deliver 90% Increase in Lithium Grade¹

- Excellent visual control between ore (white) and waste (black)
Test run elevated head grade from 0.88% Li₂O to 1.67% Li₂O
- Iron reduction of 93% to 0.4% Fe
- Potential to expand total minable tonnes and improve head grade feed to plant
- Trials performed at Steinert test facility, Western Australia
- Ore sorting provides the following benefits:
 - Greater mining flexibility
 - Reject waste entering the crushing circuit
 - Reduce iron contamination
 - Increase concentrate production for same size plant
- Further test work planned to refine and improve the process



Top: Manna pegmatite core showing black waste rock.
Left: Commercial scale Steinert ore sorting machine (bottom)

¹ Refer ASX release titled "MANNA ORE SORTING TRIAL DELIVERS 90% INCREASE IN LITHIUM GRADE", 30 May 2023.

Native Title Approvals Process on Track



Land Access

Land Access Agreement for Exploration executed with Kakarra Part B¹



Heritage Surveys

Heritage surveys across the entire mining lease area completed



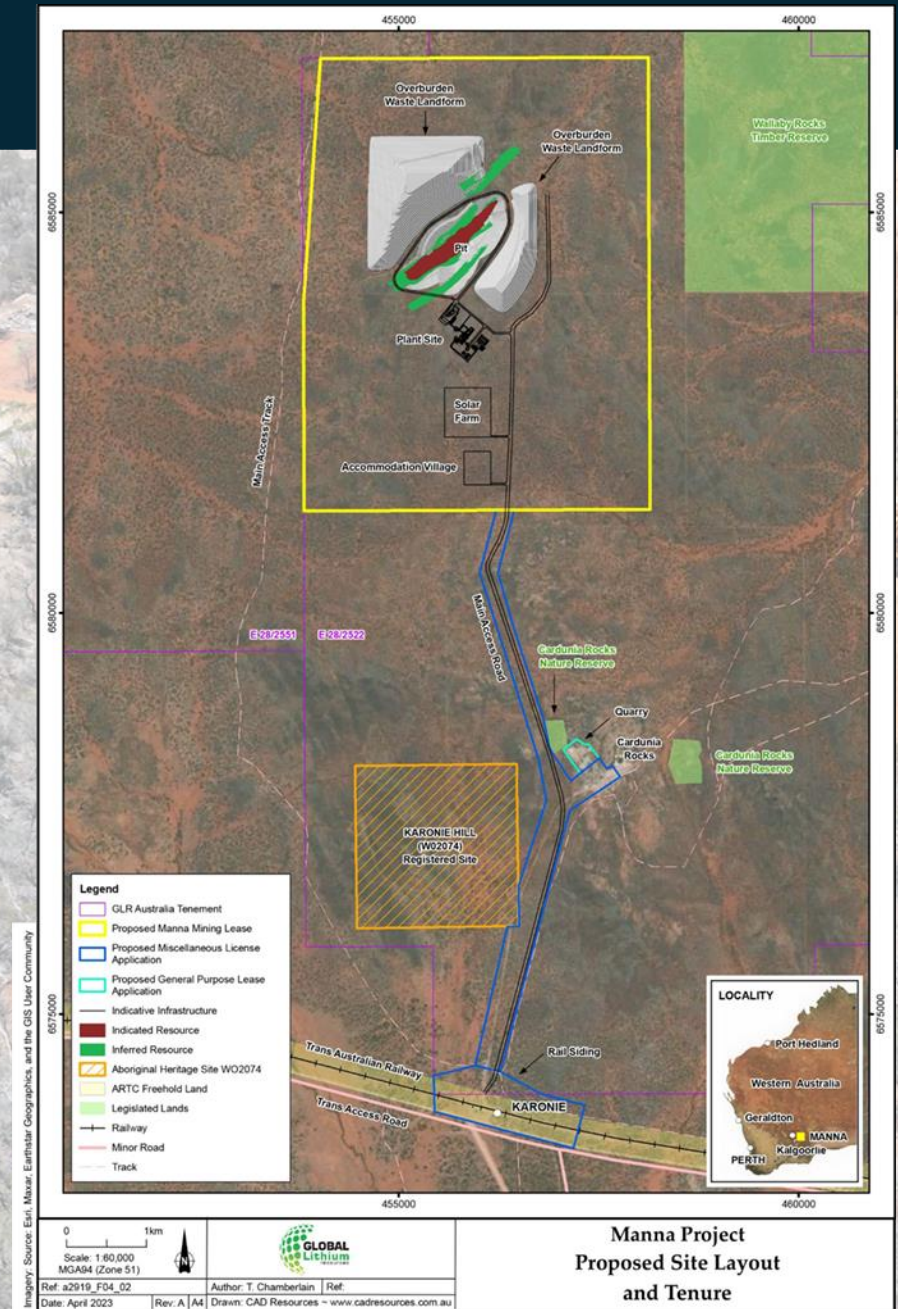
Native Title

Native Title Mining Agreement to support Final Investment Decision and project development under formal negotiation

¹ Refer ASX release titled "LAND ACCESS AGREEMENT SIGNED FOR MANNA LITHIUM PROJECT", 16 June 2023.

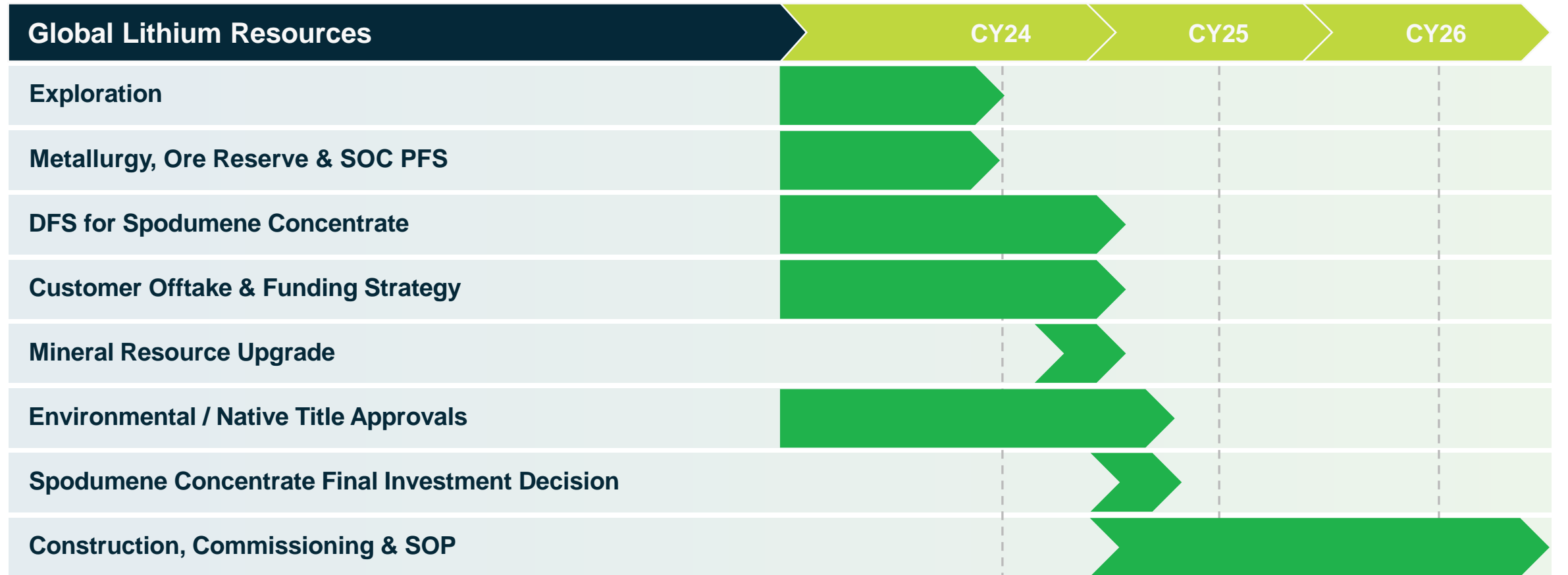
Mining Lease Application

- Mining Lease application (MLA 28/414) lodged with Department of Mines, Industry Regulation and Safety (DMIRS)
- 13km north of Trans Australian Railway
- Area of Mining Lease covers 2,406 hectares which includes:
 - Manna deposit and potential resource extensions along strike
 - Process plant
 - Waste rock landforms
 - Other mine operation infrastructure
 - Ancillary services
- Mineralisation Report and Supporting statement peer reviewed



MANNA MILESTONES

Key Milestones





MARBLE BAR LITHIUM PROJECT

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



Highly Prospective Geological Setting

Geology

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

Resource

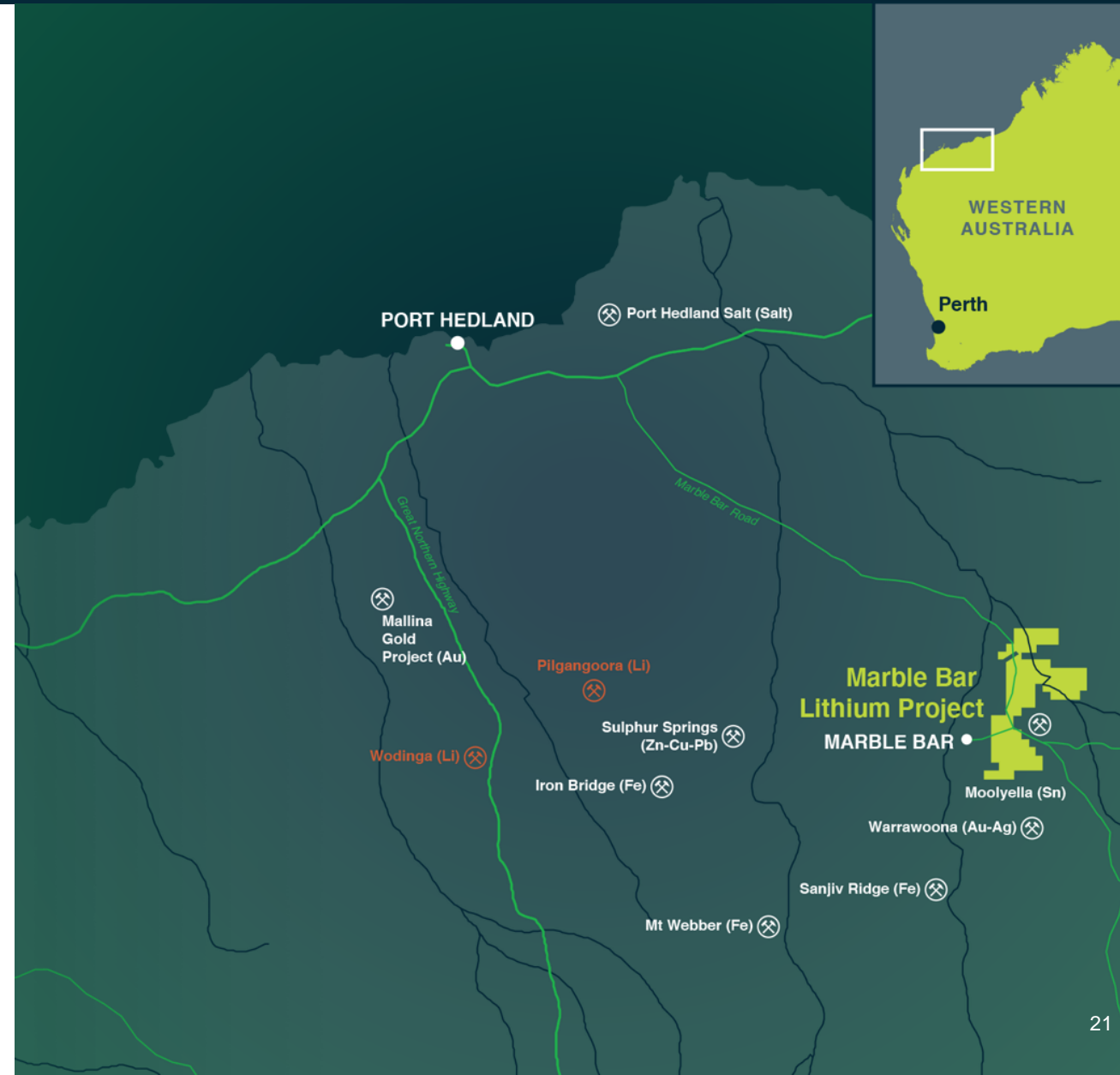
- Inferred Mineral Resource of 18.0Mt @ 1.0% Li₂O³
- Lithium mineralisation in drilling identified over 15km

Significant Upside

- Highest grade lithium assays delivered to date⁴
- 48,528m of RC drilling completed in CY2022
- Highly prospective gold and base metal targets tested in 2023

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.

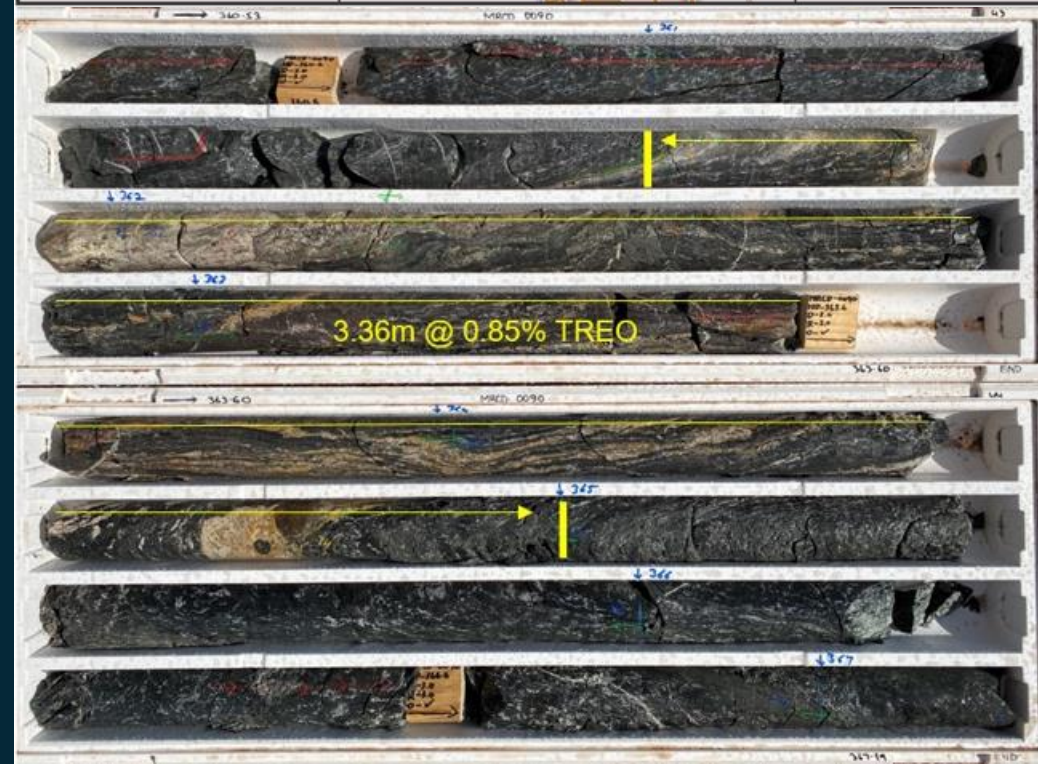
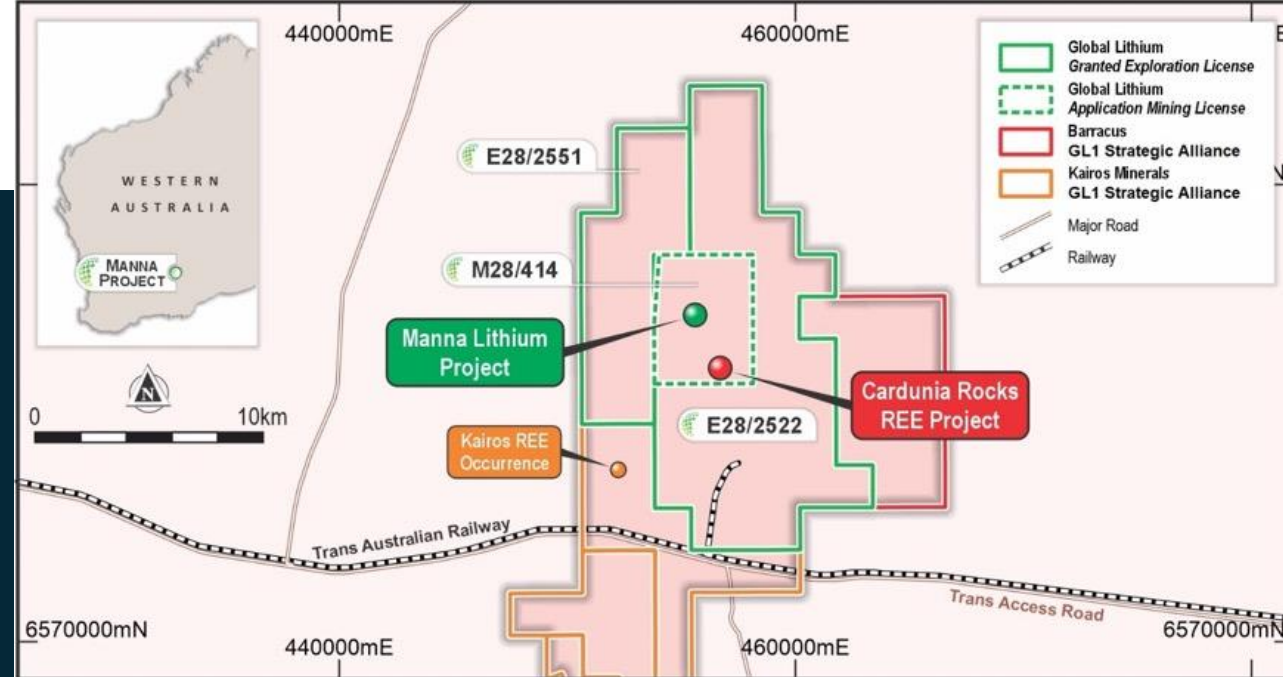
⁴ Refer ASX release titled "Highest Grade Lithium Assays Delivered to Date at Marble Bar Lithium Project", 2 May 2022.

ANOTHER CRITICAL MINERAL DISCOVERY
CARDUNIA ROCKS REE PROJECT

REE Discovery

Discovery named Cardunia Rocks REE Project¹

- Bedrock Rare Earth Elements (REE) hosting mineralised system discovered adjacent to Manna Project Area
- High-grade assay result of **24.17%** Total Rare Earth Element Oxide (TREO)
- Standout drilling results occur over a strike length of 2km
- Large scale soil sampling program returns peak surface assay results of **3,350ppm TREO**
- REE surface anomaly identified from soil and auger sampling spans over **8.5km length**
- Exploration program planning underway to target REE mineralisation



Sample MRCD0090 Core Tray showing biotite magnetite alteration

¹ Refer ASX release titled "REE DISCOVERY AT MANNA PROJECT", 13 July 2023.

Global Lithium – Mineral Resources

Project Name	Category	Million Tonnes (Mt)	Li ₂ O%	Ta ₂ O ₅ ppm
Marble Bar	Indicated	3.8	0.97	53
	Inferred	14.2	1.01	50
	Subtotal	18.0	1.00	51
Manna	Indicated	20.2	1.12	56
	Inferred	15.8	1.14	52
	Subtotal	36.0	1.13	54
Combined Total		54.0	1.09	53

¹ Refer ASX release titled "Manna Lithium Project Resource Grows," 26 July 2023..

GL1 Purpose & Values – It's who we are that matters

OUR PURPOSE

Empowering people to power the planet

People | Power | Planet

OUR VALUES

SAFETY

The standard you walk past is the standard you accept.

INNOVATION

We empower people to innovate for the better.

OWN IT

We do what we say we will do.

TEAMWORK

We all win when we work together with a can-do mindset.

SUSTAINABILITY

We do the right thing while providing responsible returns to people and the planet.

Contact Us





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