RESOURCE CONNECT ASIA
SINGAPORE 2023

GLOBAL Lithium resources

Fast Tracking Two Lithium Projects in the World's Best Mining Jurisdiction

Through discovery, systematic exploration and development

4-6 April 2023 | ASX:GL1

Ron Mitchell – Managing Director

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Global Lithium Value Proposition

Multi-asset development optionality

- Combined **Mineral Resource of 50.7Mt @ 1.0% Li_2O**
- Two highly prospective projects provides significant optionality around development and funding alternatives

JORC compliant resource

- **Global Lithium 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

- Projects located in the **Tier 1 jurisdiction of Western Australia**, close to existing lithium projects and major infrastructure

Strategic partnerships

- Secured **strategic partnerships with blue-chip counterparties** including Suzhou TA&A and 9.7% investment from Mineral Resources (ASX:MIN)
- 70% of our offtake remains uncontracted with **strong partnership discussions** continuing

Strong lithium & battery industry credentials

- MD with **+13 years experience in lithium** and battery materials, current Chair of the LME Lithium and Cobalt Committee

Experienced leadership strongly aligned to shareholders

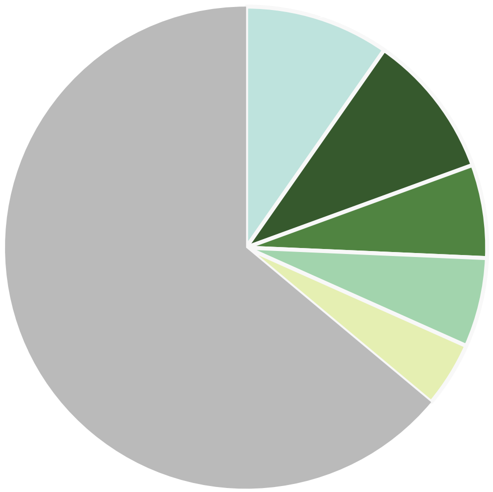
- **Highly experienced Board and management** team with deep background in mining, exploration and project development to complement strong lithium industry credentials
- **+170 yrs cumulative resources experience**

GLOBAL Lithium resources

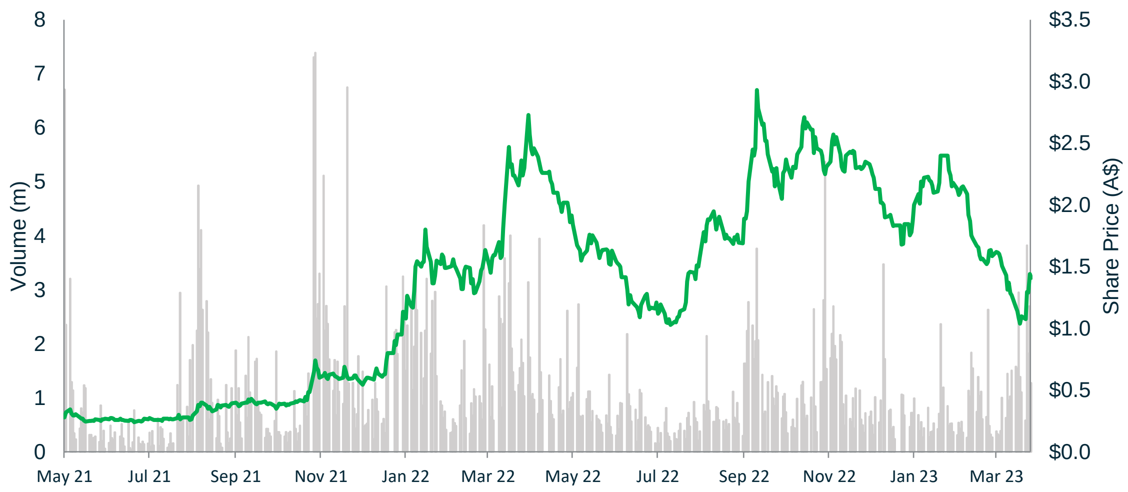
GL1 Corporate Snapshot (31 March 2023)

Market Cap	Share Price	Shares on issue	Options[1]	Cash[2]
A$363m	A$1.41	257.3m	13.5m	A$71.6m

Share Register



ASX share price performance



Broker Coverage

MACQUARIE
Barrenjoey
ARGONAUT
Canaccord Genuity
ShawandPartners

1. Including various terms of performance rights
2. As at 28 February 2023

Western Australia – a Global Brand

World's Best Jurisdiction

- **WA iron ore Built the new world**
- **WA lithium will Power the new world**
- **WA is the most attractive jurisdiction in the world for mining investment[1]**
- **WA accounts for +50% of the world's lithium supply**

1. The Fraser Institute 2022
2. Fastmarkets: 3 April 2023

Why WA Spodumene?

- WA spodumene is proven as the preferred raw material for lithium chemical production
- Spodumene pricing currently $4,500-5,200 USD/t [2]
- WA has a peerless ecosystem of lithium experience including:
  - Technical
  - Commercial
  - Legal
  - Infrastructure
  - Geological
  - Constructors
  - Operators
  - Logistics
  - Metallurgical
  - Government approvals

Western Australia

Lithium in the Headlines

Australian Mining

SQM moves on WA lithium deposits

Sociedad Química y Minera de Chile (SQM) has increased its footprint in Western Australia's lithium corridor. The news comes within days of...

12 Jan 2023

Mining

Liontown bid shows miners taking a long-term view

The mergers and acquisitions wave sweeping through the mining sector has further to run.

Mar 29, 2023 | Elouise Fowler and Peter Ker

— Street Talk

Albemarle's Liontown bid sparks worldwide search for counter bidders

Albemarle's $5.2bn Liontown bid shows how hot chase for tier 1 lithium assets has become: analyst

Lithium leader doubles down on multibillion-dollar spend in WA

Global Lithium Demand Will Continue to Outstrip Supply

Bloomberg.com

Insatiable Lithium Demand Fuels Investment Boom in Australia

In the rocky deserts of Western Australia, a handful of little-known and once-shunned miners are suddenly in vogue as the electric vehicle...

4 Aug 2022

BBC

How Australia became the world's greatest lithium supplier

As demand soars for EVs and clean energy storage, Australia is rising to meet much of the world's demand for lithium. How can we source this...

11 Nov 2022


100% Owned Project 1
Manna Lithium Project

Manna Lithium Project

Geology

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

Manna Deposit

- 100% ownership acquired[1]
- **Mineral Resource Estimate of 32.7Mt @ 1.0% Li_2O[2]**

Significant Upside

- Significant exploration upside with resource open at depth and to the NE and SW
- 35,000m drilling program planned in CY2023

Infrastructure Rich

- Tier 1 lithium mining jurisdiction – gold, nickel and lithium
- 100km east of Kalgoorlie
- 450km north of Esperance Port

1. Refer ASX release titled "COMPLETION OF MANNA TRANSACTION AND STRATEGIC PLACEMENT", 15 November 2022.
2. Refer ASX release titled "GL1 Delivers Transformative 50.7Mt Lithium Resource Base", 15 December 2022.

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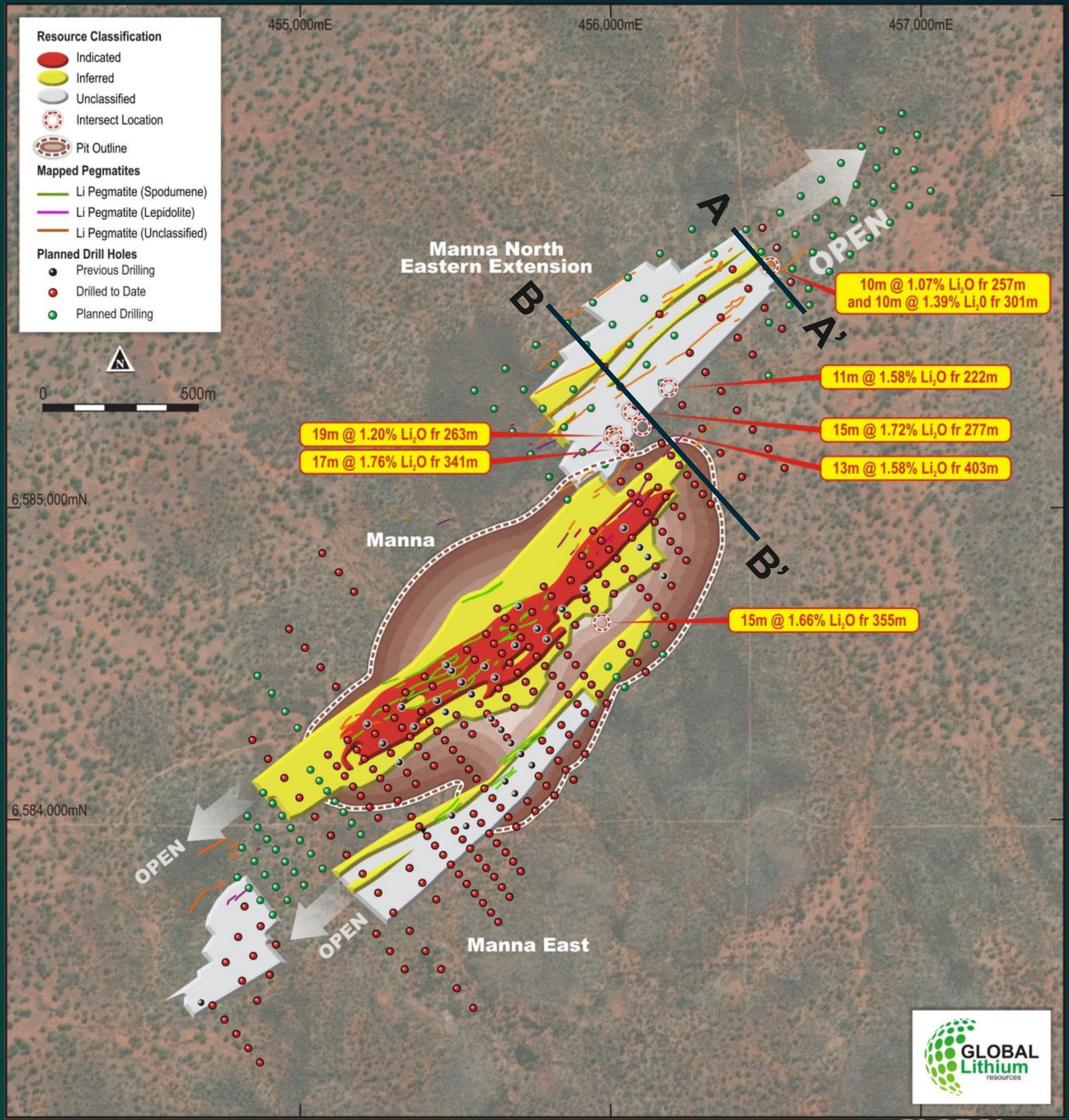
Manna Exploration Upside

Pathway to a Larger Resource at Manna

- Manna is a developing world class lithium asset
- A significant new extension to the Manna resource has been discovered
  - Will likely constitute a second open pit
- The new extension is open both along strike and down dip
- Latest results show large high-grade thick pegmatites
- The Manna resource is anticipated to be expanded via the 2023 drilling campaign



Robust Initial Scoping Study Results at Manna

A$2.8 Billion
Robust pre-tax NPV8%

10 Year
Life of Mine

2Mtpa & 221ktpa
ROM & SC5.5 Nameplate

32.7Mt at 1% Li$_2$0
Mineral Resource Estimate

15 Month Payback
after first production

US$688/t & $419M
LOM cash OPEX & CAPEX

103%
IRR

100% ownership
of Manna Lithium Project

1. Refer ASX release titled “MANNA PROJECT PROGRESSES AFTER ROBUST SCOPING STUDY RESULTS”, 14 February 2023.

Manna Lithium Project – Next Steps

Definitive Feasibility Study (DFS)

- Experienced lithium engineering consultant Wave International has commenced the DFS[1]
- Feasibility Study results expected in Q4 CY2023
- Final Investment Decision (FID) in CY2024
- Further Mineral Resource update in CY2023 incorporating additional ~30,000m of drilling
- Bulk metallurgical and ore variability testwork underway
- Various work programs to improve project economics
- Environmental and heritage work activities underway

1. Refer ASX release titled "WAVE INTERNATIONAL APPOINTED LEAD DFS ENGINEER", 24 March 2023.

100% Owned Project 2

Marble Bar Lithium Project

Marble Bar Lithium Project

Highly prospective geological setting

Geology

- Spodumene bearing pegmatite hosted in greenstone and granite contact
- Demonstrates similar geological settings to the nearby Pilgangoora[1] and Wodgina[2] deposits

Resource

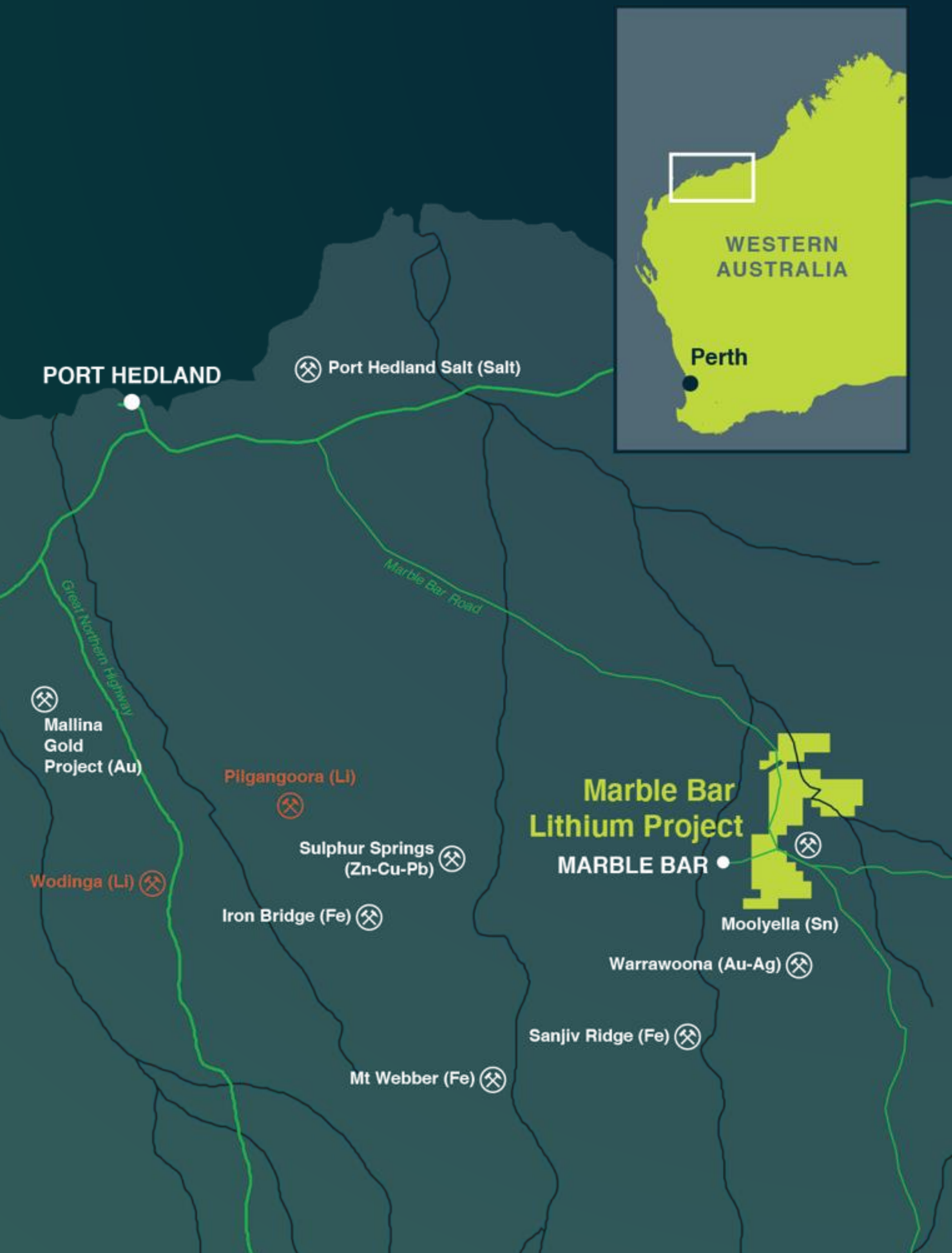
- **Inferred Mineral Resource of 18.0Mt @ 1.0% Li_2O[3]**
- Lithium mineralisation in drilling identified over 15km

Significant Upside

- **Highest grade lithium assays delivered to date[4]**
- 48,528m of RC drilling completed in CY2022
- More than **25km greenstone strike** in highly prospective area
- Highly prospective gold and base metal targets will be tested in 2023

Infrastructure Rich

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



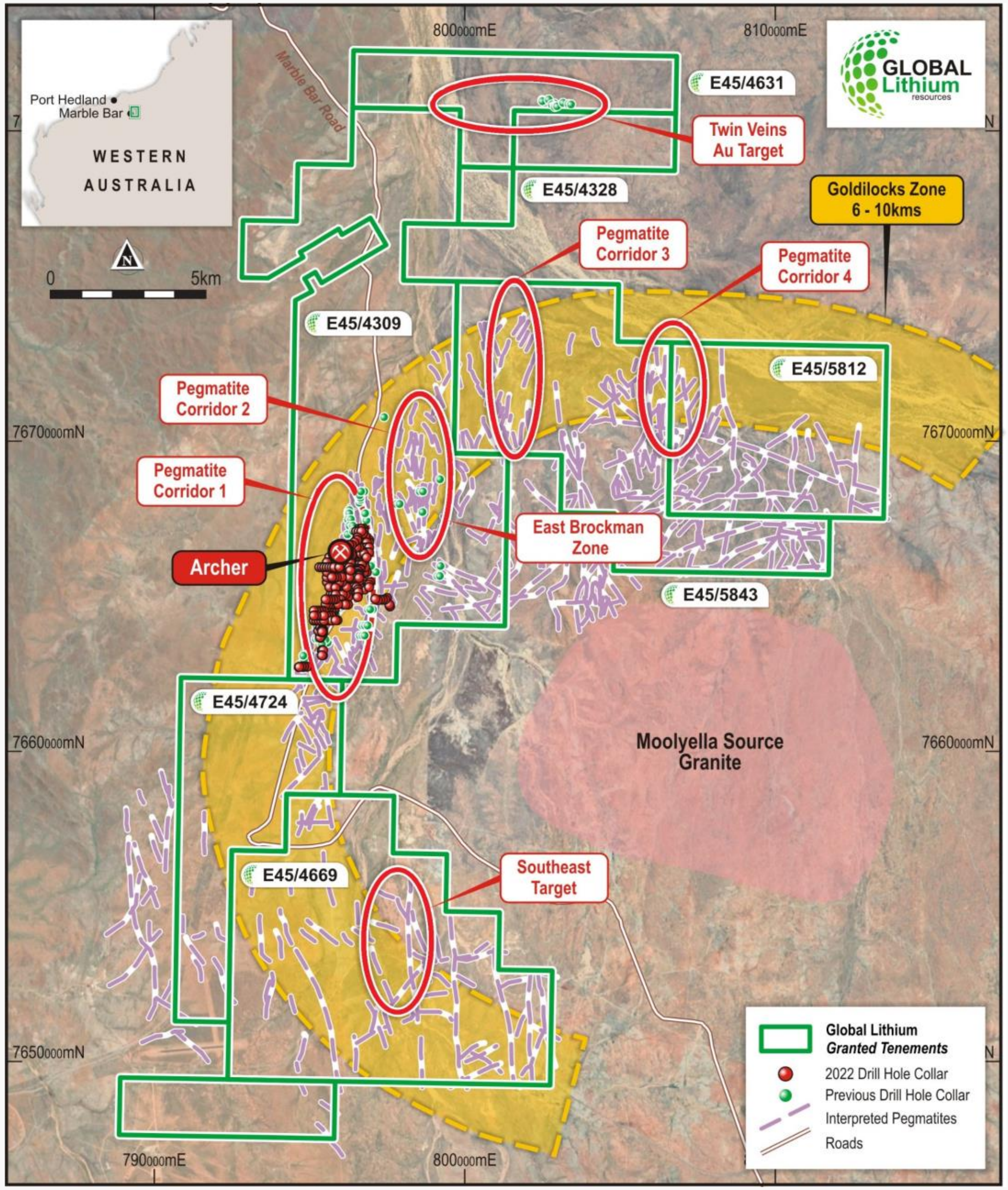
1. Owned by Pilbara Minerals (ASX: PLS).
2. Owned by the MARBL JV, 60% Albemarle, 40% Mineral Resources (ASX: MIN).
3. Refer ASX release titled “GL1 DELIVERS TRANSFORMATIVE LITHIUM RESOURCE BASE”, 15 December 2022.
4. Refer ASX release titled “Highest Grade Lithium Assays Delivered to Date at Marble Bar Lithium Project”, 2 May 2022

Marble Bar Lithium Project

Results Demonstrate Upside Potential

Highest grade lithium assays delivered to date[1]

- A large intrusive related mineral system = significant upside
- 2023 exploration campaign targets lithium mineralised pegmatites to establish prospectivity both along strike and down dip
- Mapping and soils work has delineated four distinct target areas for further exploration – drilling recommences H1 CY2023
- Highly prospective gold and base metal targets will be tested in 2023



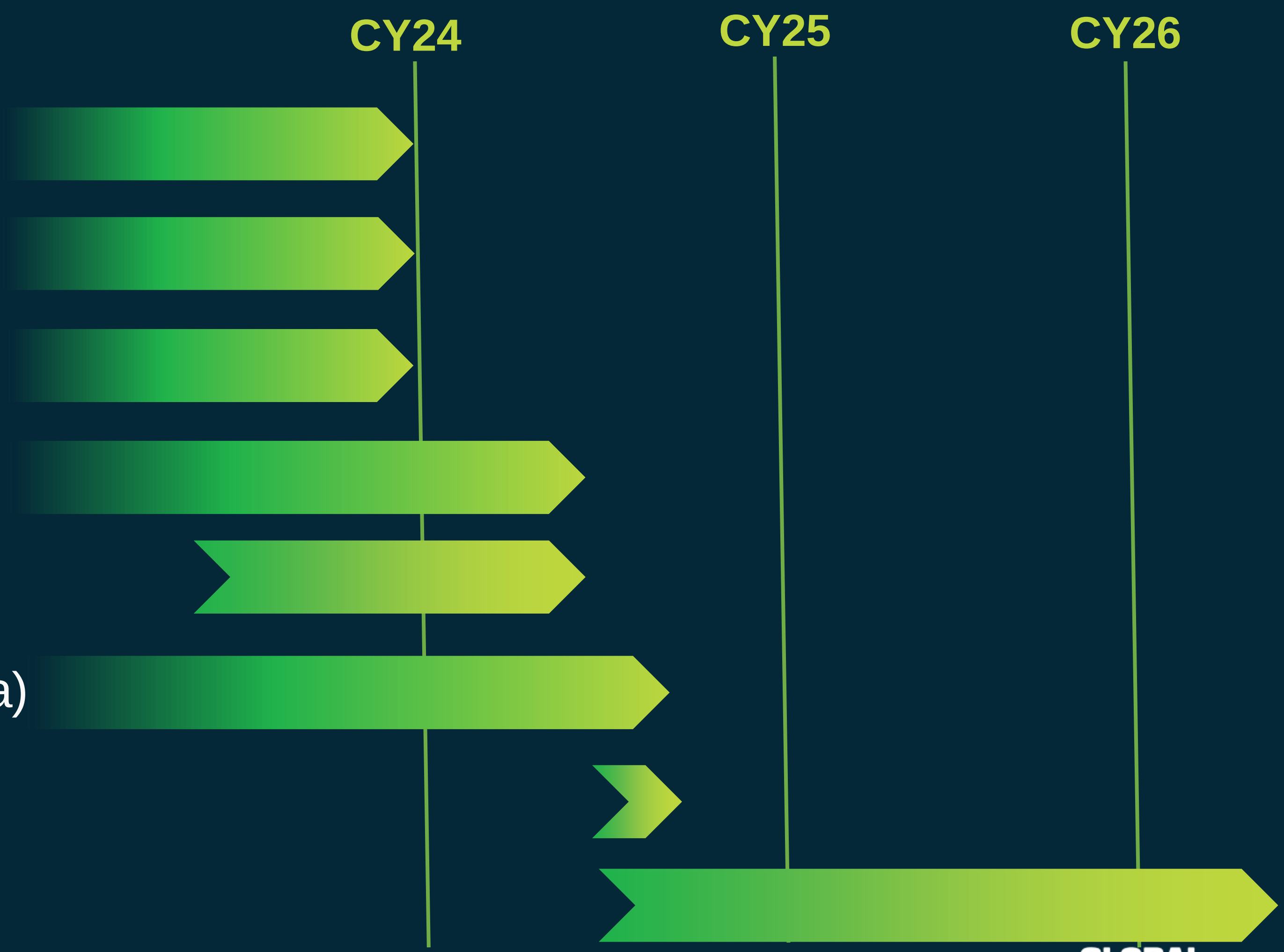
Pegmatite Exploration Target Areas[2]

1. Refer ASX release titled “HIGHEST GRADE LITHIUM ASSAYS DELIVERED TO DATE AT MARBLE BAR LITHIUM PROJECT, 2 May 2022
2. Refer ASX release titled “NEW LITHIUM BEARING PEGMATITE AT MARBLE BAR LITHIUM PROJECT”, 1 August 2022

Key Milestones

Global Lithium Resources

- Exploration (MBLP & Manna)
- DFS (Manna)
- Metallurgical test work (Manna)
- DSO & downstream lithium studies (Manna)
- Resource upgrades (MBLP & Manna)
- Environmental / Native Title approvals (Manna)
- Final Investment Decision (Manna)
- Construction & SOP (Manna)



Note: The timetable and exploration program are indicative and subject to change.

A Clear Strategy - Positioned for Growth

Strategic Positioning

Positioned in the World's best mining jurisdiction, strong team driven by ESG fundamentals

Value Accretive

DSO and downstream lithium chemical studies scheduled for 2023

Growth Focussed

2 projects 100% wholly owned providing development optionality

Scalable Resource

50.7mt Li2O resource with clear growth potential, GL1 owns 2 of only 14 JORC lithium resources in Australia

GL1 Purpose & Values

OUR PURPOSE

Empowering people to power the planet

People | Power | Planet

OUR VALUES

SAFETY
The standard you walk past is the standard you accept.

OWN IT
We do what we say we will do.

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

INNOVATION
We empower people to innovate for the better.

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


Newmont.


BE MAGICAL

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Board

Warrick Hazeldine
Non-Executive Chair

Co-founder & NED of Cannings Purple; Non-Executive Chair ChemX (ASX:CMX), 20 years capital markets experience with a key focus on battery minerals and energy transition.

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.

Ron Mitchell
Managing Director

Current Chair of the LME Lithium and Cobalt Committee; Former Sales Director of Tianqi Lithium & Talison Lithium; 12 years experience in the lithium industry. 7 years living and working in Nth Asia.

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.

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Management & Leadership

Matt Allen
Chief Financial Officer

Chartered accountant and finance professional with +25 years experience in debt and equity funding, operation and management of ASX public listed companies including rare earth developer Hastings Technology Metals (ASX:HAS). Commencing April 2023.

Dr Tony Chamberlain
Project Director

PhD in metallurgy with +25 years experience in the resources industry including several battery and new world metals ASX listed public companies; former COO at Vimy Resources and BCI Minerals.

Stuart Peterson
General Manager Exploration

Specialist Exploration Geologist with 16 years experience in Australia and offshore; Member of the Australasian Institute of Mining and Metallurgy.

Logan Barber
Exploration Manager

Over 15 years of exploration experience focused on Lithium, Iron Ore, Base and Precious Metals. Execution of the original drilling at Wodgina (ASX: MIN) and extensive geological experience at Marble Bar and Manna.

Simon Corrigan
Approvals and Corporate Affairs Advisor

More than 20 years of experience in approvals, government relations and community relations. Chief of Staff in the WA Government and Senior Corporate Affairs and Approvals roles at CITIC Pacific Mining, Atlas Iron and BHP.

Nicole Stein
Community Relations Manager

Experienced community relations and strategic communications professional with 20 years living and working in regional Western Australia.

Matt Holmes
Principal Environmental Consultant

Owner/Principal of Significant Environmental Services with over 20 years' experience in consulting directly to clients in the Mining Industry including Pilbara Minerals (ASX:PLS). BSc. Biological Sciences (including Environmental Management) and a First Class Honours.

Phoebe Yan
Senior Business Analyst

Over 15 years of commercial experience in the lithium chemicals, mining and infrastructure sectors. Held positions with Tianqi Lithium Energy Australia and Mineral Resources. Master of Accounting and a CPA.

GLOBAL Lithium resources

At the heart of our values

ESG at Global Lithium

THINK GLOBAL, ACT LOCAL

This year, Global Lithium will begin its journey towards the adoption of globally-recognised GRI and SASB reporting standards for best-practice measurement and communication of sustainability performance.

We'll always direct our resource and budget towards local impact.

THE MOST IMPORTANT THINGS

Global Lithium recently undertook a stakeholder mapping exercise and materiality assessment.

Aligned to GRI reporting methodology, the assessment helped identify and prioritise the most important material topics for Global Lithium and its stakeholders.

WITH HELP FROM THE BEST

Resources-industry sustainability specialists Futureproof, have been engaged to advise on strategy and delivery of the ESG program.
Futureproof is one of Australia's top ESG consultancies and has worked closely with junior explorers, developers and mature ASX 100 producers.

TOP TO BOTTOM OWNERSHIP

We have embedded ESG in our governance structure through the establishment of a Sustainability Committee. A project team is also being formed with representatives from the Board, Executive and management. This will align ambition, build accountability and help identify ESG risks and opportunities.

ESG OWNERS

BOARD	Sustainability Chair - Hayley Lawrance
EXECUTIVE	Managing Director - Ron Mitchell
MANAGEMENT	Community Manager - Nicole Stein

At the heart of our values

ESG Achievments

- ESG project team in place
- Engaged specialist ESG consultants (Futureproof)
- Sustainability roadmap completed
- Materiality assessment completed
- Appointment of Community Relations Manager
- ESG formalised within governance structures
- Reporting alignment with global best-practice Global Reporting Initiative (GRI) and Sustainable Accounting Standards Board (SASB) frameworks
- Development of the first sustainability report for release in this year's FY23 Annual Report

Case study: Marble Bar Community Engagement

Global Lithium is committed to creating a positive legacy within the communities in which we operate and recognise that community investment is a vital part of this goal.

To achieve our ambitions, experienced community relations specialist, Nicole Stein, has been appointed as Community Relations Manager and will manage the Global Lithium community engagement program.

Recently, Nicole visited Marble Bar Primary School and was presented with several student artworks which have been framed and are on display in the Global Lithium offices.

Strategic Investors

Mineral Resources Limited

Access to upstream lithium expertise

Suzhou TA&A

Access to downstream lithium expertise

- Mineral Resources and Suzhou TA&A each have a 9.7% interest in GL1 following the $111.5m Institutional Placement in October 2022[1]
- MinRes has unrivalled track record in bringing operations into production quickly, processing of hard rock lithium ores and downstream processing
- Suzhou TA&A is an associate of CATL Group, the industry leading upstream lithium chemical producer and largest producer of EV batteries (clients include Tesla)
- 10-year Strategic Offtake Agreement with Suzhou TA&A for at least 30% of spodumene concentrate produced from GL1's operations at market prices[2]

1. Refer ASX release titled "GLOBAL LITHIUM AGREES TO ACQUIRE 100% INTEREST IN MANNA LITHIUM PROJECT", 25 October 2022
2. Refer ASX release titled "10 YEAR STRATEGIC SPODUMENE CONCENTRATE OFFTAKE AGREEMENT," 3 March 2022

Global Lithium – Mineral Resources

Project Name	Category	Million Tonnes (Mt)	Li_2O%	Ta_2O_5 ppm
Marble Bar	Indicated	3.8	0.97	53
	Inferred	14.2	1.01	50
	Subtotal	**18.0**	**1.00**	**51**
Manna	Indicated	18.5	1.03	45
	Inferred	14.2	0.97	43
	Subtotal	**32.7**	**1.00**	**44**
Combined Total		**50.7**	**1.00**	**46**

1. Refer ASX release titled "GL1 Delivers Transformative 50.7Mt Lithium Resource Base", 15 December 2022.