Growing WA-Focused Lithium Explorer

GLOBAL Lithium resources

People – Positioning – Pipeline

RIU Explorers Conference

FEBRUARY 2022

ASX:GL1

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- Information on historical exploration results and Mineral Resources for the MBLP presented in this Announcement, together with JORC Table 1 information, is contained in the Independent Geologists Report within the Company’s Prospectus dated 22 March 2021, which was released as an announcement on 4 May 2021.

Riding the Wave of Consumer Driven Structural Change and the Energy Transition

EV's Are Now A Global Mega Trend

China monthly EV sales[1]

765%

since January 2020

Western Australia supplies

>60%

world's lithium[2]

31%

of the world's cars will be electric by 2040[3]

500m

EV's expected to be on the road by 2040[3]

1. CAAM – China Association of Automobile Manufacturers
2. Association of Mining & Exploration Companies (2018)
3. Wallenius Wilhelmsen Auto Market Analysts

PEOPLE

POSITIONING

PIPELINE

Our People

Acknowledgement of Country

"We acknowledge the Noongar Whadjuk people – traditional custodians of this land. We wish to acknowledge the strength of their continuing culture and offer our respects to Elders past and present.

"We would also like to acknowledge the Nyamal people, traditional custodians of the land which we are considering today and pay due respect to their elders past and present."

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Our Team

Highly experienced Board and Executive Leadership Team, with a track record of delivering projects and shareholder value

Board

Ron Mitchell
Executive Director

Chairman of the London Metal Exchange Lithium Committee and Former Sales Director of Tianqi Lithium & Talison Lithium

Warrick Hazeldine
Non-Executive Chair

Founder & NED of Cannings Purple, NED ChemX (ASX:CMX), Director for Surfing WA

Dr Dianmin Chen
Non-Executive Director

Founder of Global Lithium, Special Consultant at Argonaut, 35 years' experience in metal mining

Greg Lilleyman
Non-Executive Director

Former Fortescue Metals and Rio Tinto executive, 30 years of international experience in the mining sector

Jamie Wright
Non-Executive Director

Resignation effective March 1, 2022

Hayley Lawrance
Non-Executive Director

Business lawyer, director and company secretary for over 22 years focusing on ESG and approvals, Chair of WestCycle

Management Team

Recruiting Underway
Managing Director

Kevin Hart
CFO & Company Secretary

Stuart Peterson
Head of Geology

Bryan Bourke
Exploration Manager

Joanne Day
Administration Manager

Kim Petrich
Management Accountant

Advisors

Resource Potentials
Geophysics

CSA Global
Drilling Program Managers

Orlando Drilling
Drilling Contractor

Our New Appointments

Ron Mitchell
Executive Director

Chairman of the London Metal Exchange Lithium Committee and Former Sales Director of Tianqi Lithium & Talison Lithium

Greg Lilleyman
Non-Executive Director

Former Fortescue Metals and Rio Tinto executive, 30 years of international experience in the mining sector

Hayley Lawrance
Non-Executive Director

Business lawyer, director and company secretary for over 22 years focusing on ESG and approvals, Chair of WestCycle

Stuart Peterson
Head of Geology

Chief Geologist and Exploration Manager in the lithium industry for over 16 years in Nimy Resources, Neometals and Lithium Power International

Sustainability: Building Capacity in ESG Reporting & Funding Partners

ENVIRONMENT

Commitment to minimise ground disturbance, emissions and water usage

- Regulatory compliance as a minimum
- Rehabilitation of activities
- Sticking within defined boundaries
- Investigating our carbon footprint

SOCIAL

Engage local suppliers and recognition of Traditional Owners

- Consultation and discussions with traditional owners, including regarding protection measures for the Two Sisters hills
- Use of local businesses: civil, accomm-odation, media, services and meals
- Regular engagement with the community, including update sessions

GOVERNANCE

Integrate best practice social standards and environmental into corporate governance principles

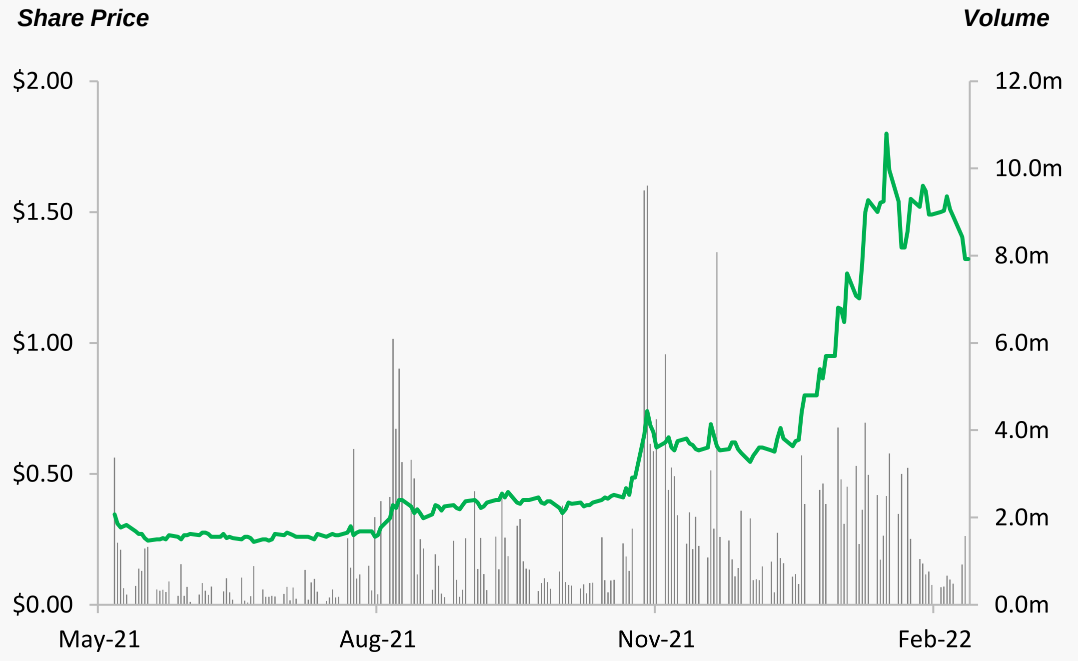
- Board committed to establishing GL1 as a reputable, modern exploration and development company with strong ESG principles

Our People On The Ground

Our Positioning

GL1 At A Glance – WA is a Great Place to Grow Up

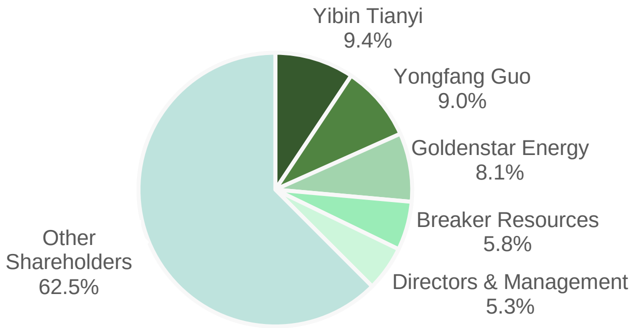
- Established operational history prior to listing on ASX in May 2021
- Well funded with $11.1 million in cash as at 31 December 2021



Corporate Structure

Share price (as at 15 Feb 2022)	$1.32
Shares	178.6m
Market Cap. (undiluted)	**$252.3m**
Cash (31 December 2021) (unaudited)	**$11.1m**
Options (Nov 2024, $1.00 strike)	4.8m
Options (May 2025, 30c strike)	4.8m
Performance Rights[1,2]	6.1m

Shareholder Makeup



1. Various Terms
2. Includes 1.1m Performance Rights to be issued subject to shareholder approval, see ASX announcement dated 13 January 2022

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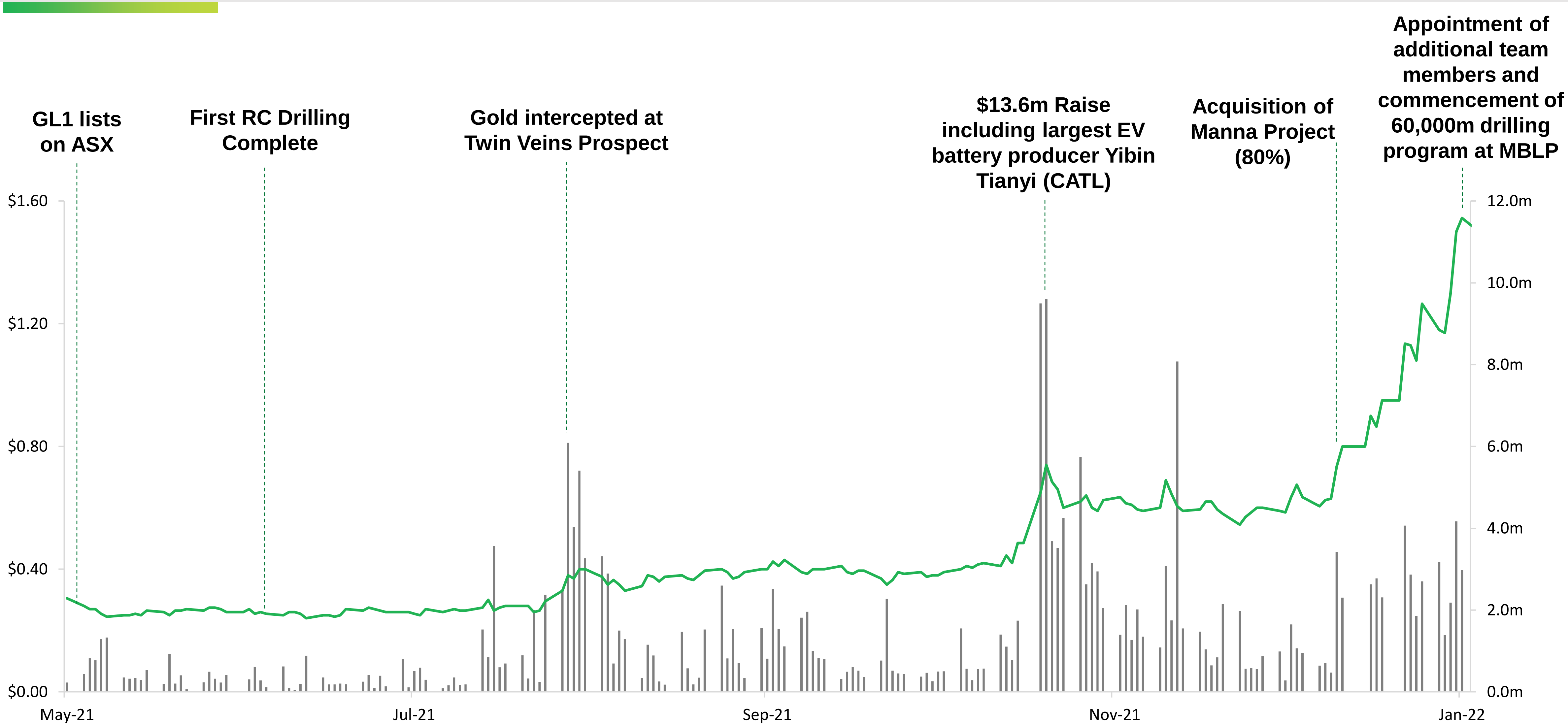
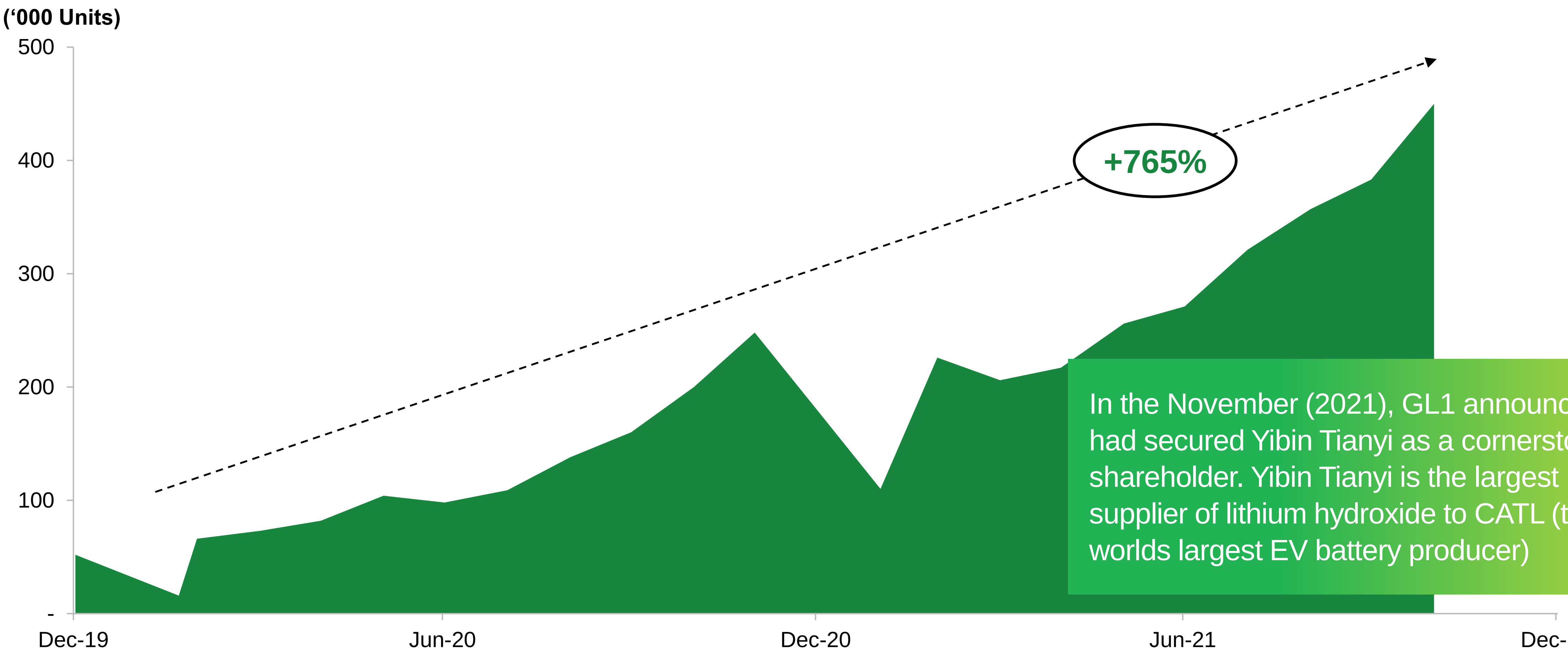
GL1 Journey - Building Momentum



Yibin Tianyi (Lithium Chemical Arm of CATL) to Fast-Track Lithium Exploration in 2022

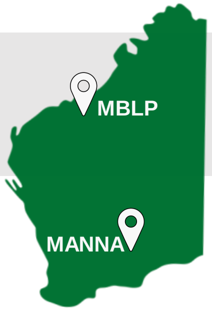


China Monthly EV Sales[1]

In the November (2021), GL1 announced it had secured Yibin Tianyi as a cornerstone shareholder. Yibin Tianyi is the largest supplier of lithium hydroxide to CATL (the worlds largest EV battery producer)

1. Wallenius Wilhelmsen Auto Market Analysts
2. ASX Announcement: Step-change transaction introduces Yibin Tianyi as cornerstone shareholder

Growth and Momentum at TWO Projects in 2022



Marble Bar Lithium Project (100%)

Archer Deposit

Archer Deposit (Archer) is a new discovery containing an Inferred Mineral Resource of 10.5Mt @ 1.0% Li_2O

Upcoming Newsflow

~60,000m drilling commencing Q1 CY22, CY21 assays outstanding and preliminary metallurgical underway

Manna Lithium Project (80%)

Main Outcrop

750m x 130m main area of outcrop with individual pegmatite dykes up to 18m wide

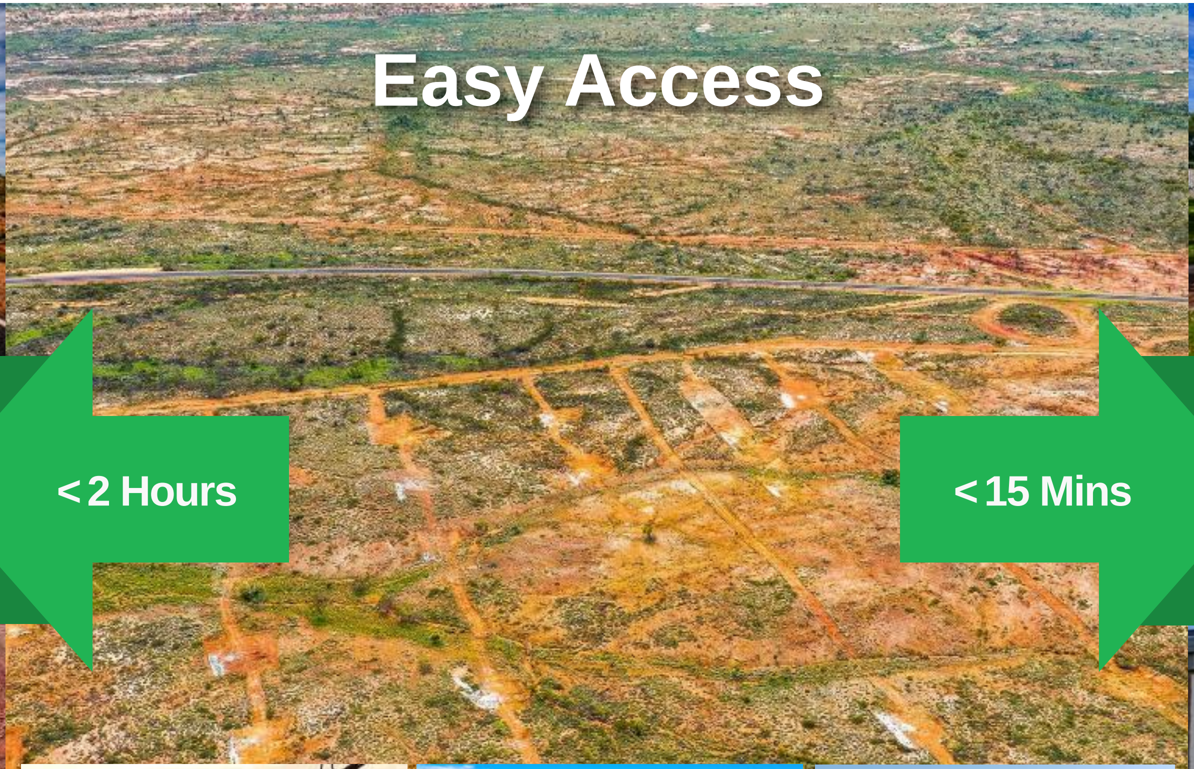
Manna Lithium

9.9Mt @ 1.14% Li_2O and drilling campaign planned for 2022

Announced 17/2/22

Marble Bar Lithium Project (100% GL1)

World-Class Location, Logistics & Infrastructure



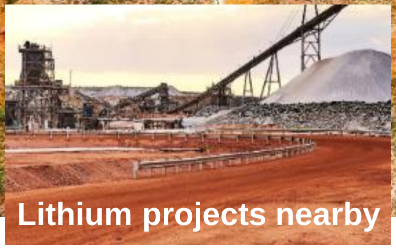
Easy Access

Port Hedland
(export point)

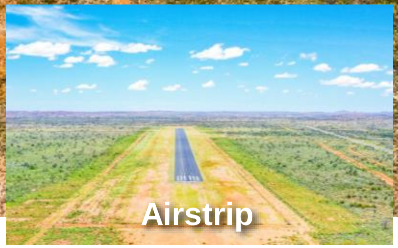
< 2 Hours

< 15 Mins

Town of
Marble Bar



Lithium projects nearby



Airstrip

Borefield

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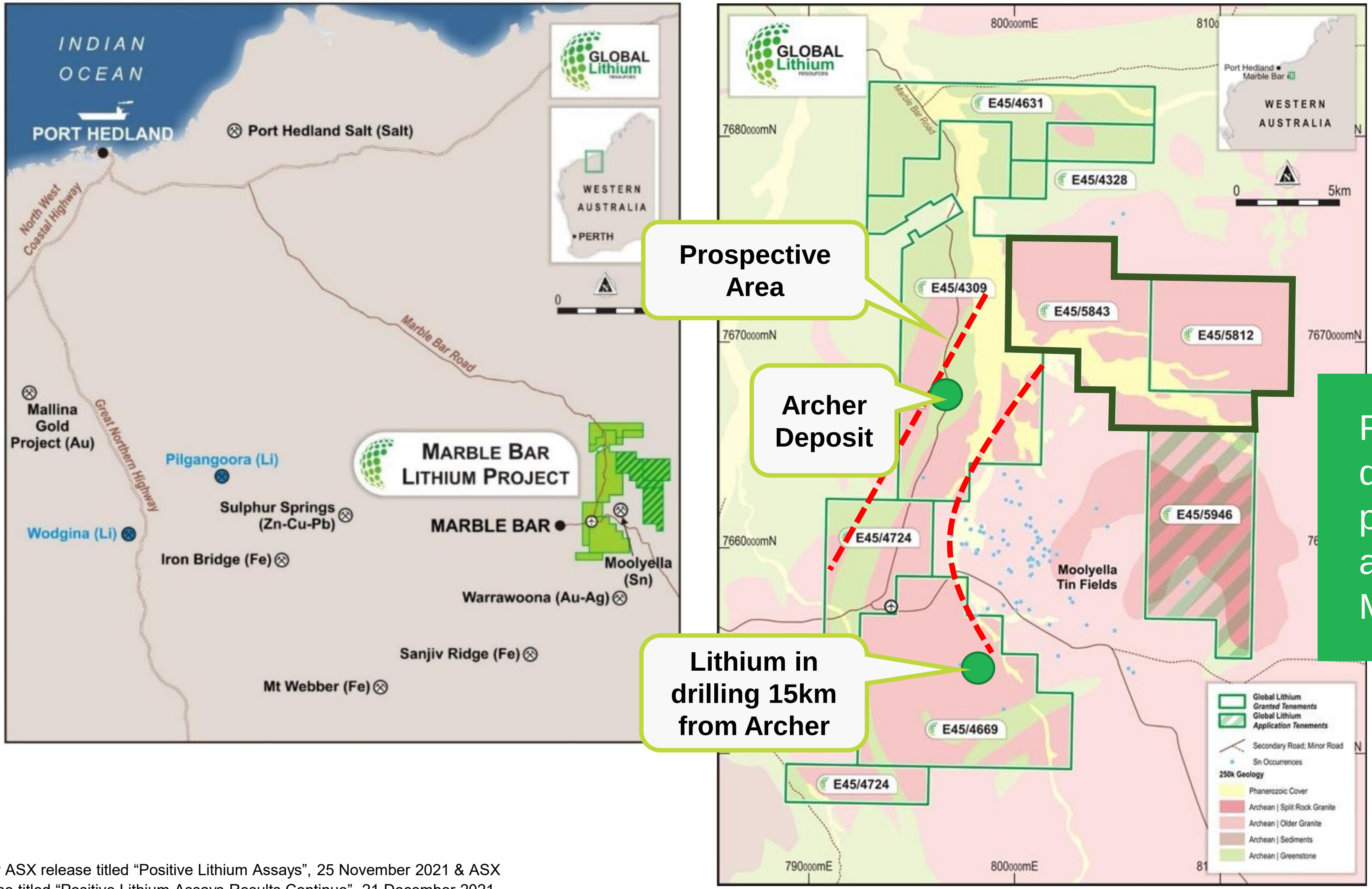
Marble Bar Lithium Project - Archer Deposit



Recent RC drilling programs[1] have delivered excellent results, confirming potential for Archer to extend along strike and at depth. Archer contains an inferred Mineral Resource of 10.5Mt @ 1.0% Li2O

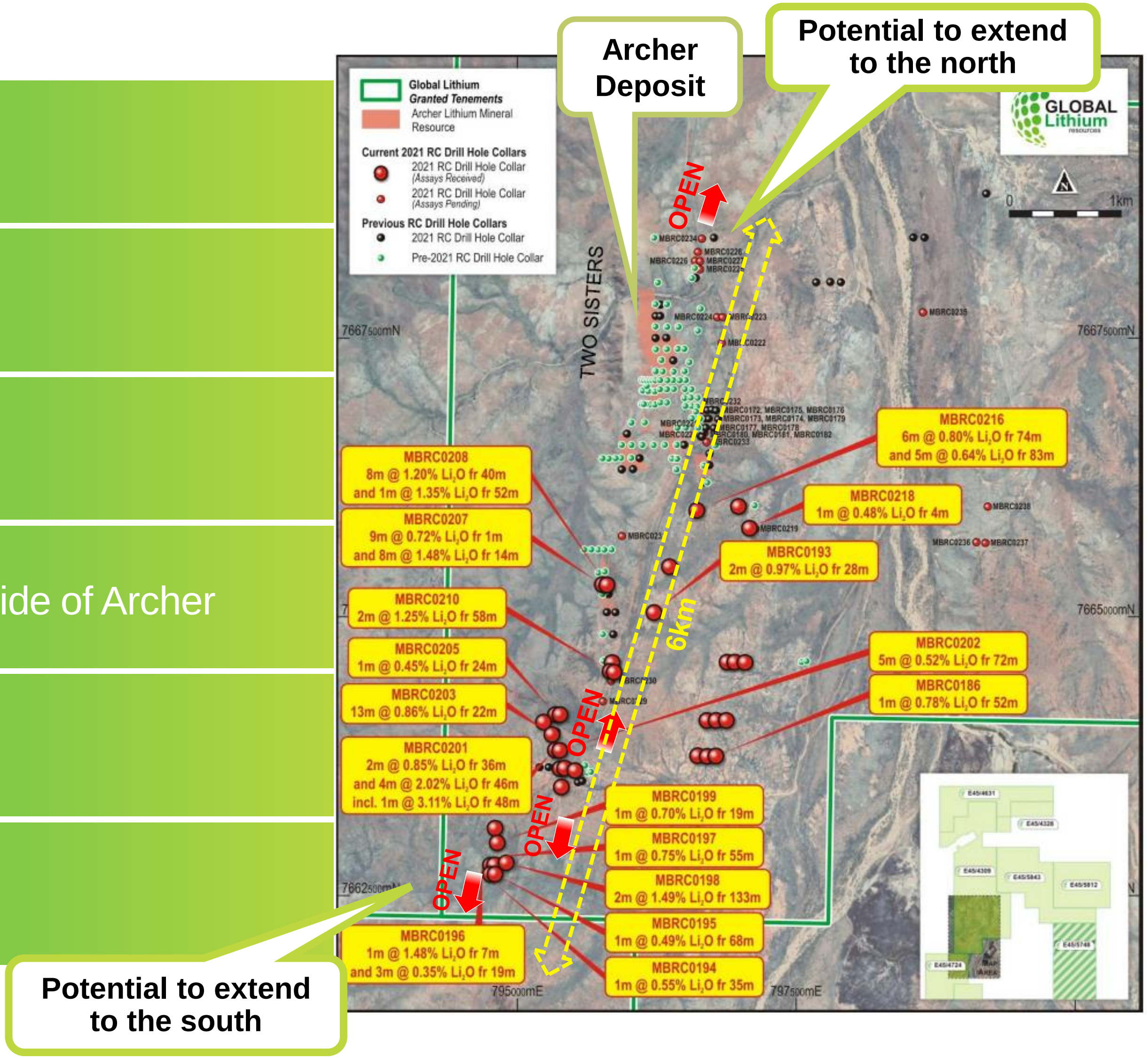
1. Refer ASX release titled “Positive Lithium Assays”, 25 November 2021 & ASX release titled “Positive Lithium Assays Results Continue”, 21 December 2021

Marble Bar Lithium Project - 60,000m RC Drilling Commenced February 2022

380 hole, 60,000m RC drilling program has commenced targeting the area south of the Company's Archer Resource area

The MBLP is Emerging as a Large System[1]

- Recent program confirms lithium mineralisation >6km strike
- Large prospective area to explore
- Focus on growing the MBLP beyond Archer
- Enhanced targeting model resulting exploration success outside of Archer
- Opportunity to systematically explore for further discoveries
- Strong potential for MBLP to be a large and fertile system



1. Refer ASX release titled “Positive Lithium Assays”, 25 November 2021 & ASX release titled “Positive Lithium Assays Results Continue”, 21 December 2021

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Emerging Gold Potential[1]

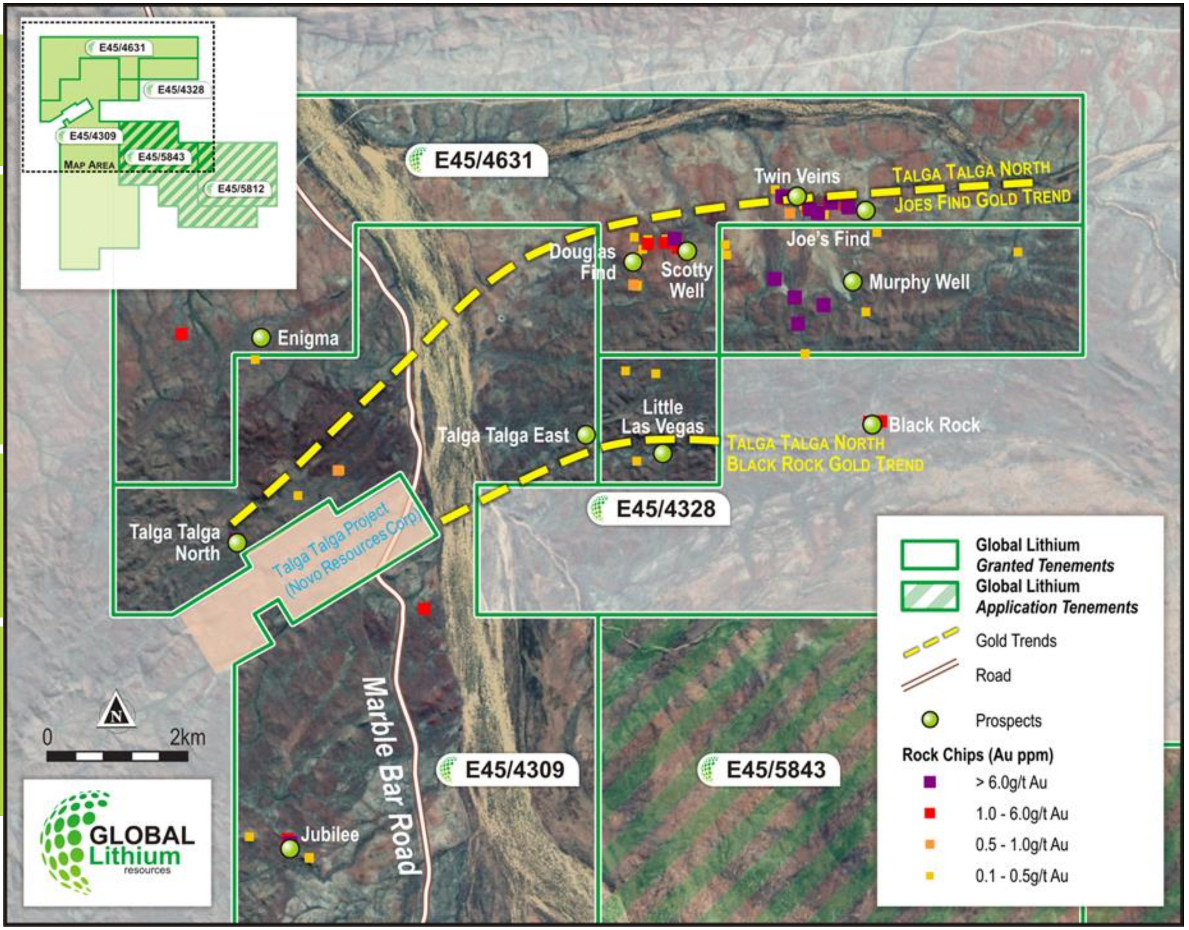
Multiple gold targets to the north of the MBLP

Twin Veins prospect is emerging an exciting opportunity for discovery:
- 1km long soils and rock chips anomaly
- Quartz veining at surface

Q4 CY21 Program achieved significant results including:
- 7m @ 4.78g/t from 11m in MBRC0159
- 7m @ 1.20g/t from 27m in MBRC0161

Recent program at Twin Veins shows the potential for a stand-alone gold exploration project

Global Lithium's Gold Prospects



1. Refer ASX release titled "Drilling Update: Further Significant Gold Intercepts at Twin Veins Project", 18 November 2021

Manna Lithium Project (80% GL1)

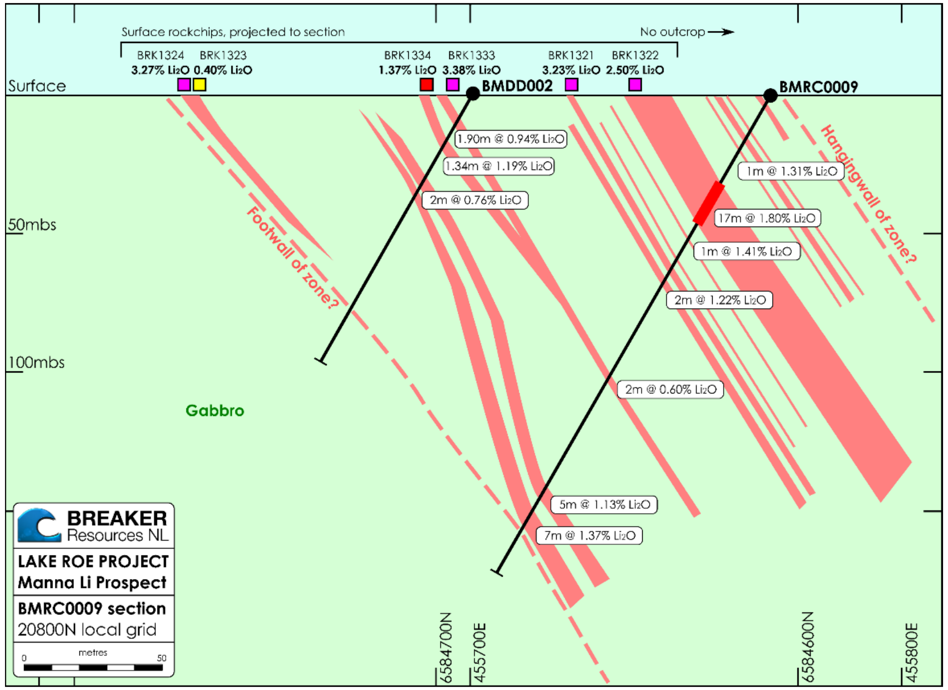
Manna Project - Hitting The Ground Running

- Maiden lithium mineral resource delivered for Manna Project, 9.9Mt @ 1.14% Li_2O and 49 Ta_2O_5 ppm (100% basis) (Manna Inferred Mineral Resource)
- Manna Mineral Resource defined by just 3,636m of drilling at shallow depths completed since late 2018
- Outcropping spodumene bearing pegmatite lithium exploration project with individual pegmatite dykes up to 18 meters wide
- Initial drilling within the main outcrop demonstrates high-grade lithium mineralisation, with significant results
- Significant exploration upside within 5.0km x 1.5m anomalous area centered on the main outcrop
- Preliminary metallurgical test work indicates the potential to produce a high grade, low impurity spodumene concentrate using heavy liquid separation
- Global Lithium is planning for a substantial exploration and drilling campaign for 2022

Source: ASX release: Global Lithium Acquires 80% interest in Manna Lithium Project (Dec 23, 2021) and Maiden Manna Project Lithium Resource (February 17, 2022)

Manna Project - Thick Pegmatite Widths Over Large Area of Outcrop

750m x 130m main area of outcrop with individual pegmatite dykes up to 18 meters wide and little weathering



Cross-section through – BMRC0009 – BMDD002

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Our Pipeline

Building Momentum In 2022

Marble Bar Lithium Project

- 60,000m RC drilling program
- Preliminary metallurgical testing
- Assays: Lithium and gold

Manna Project

- Exploration program
- Preliminary metallurgical testing

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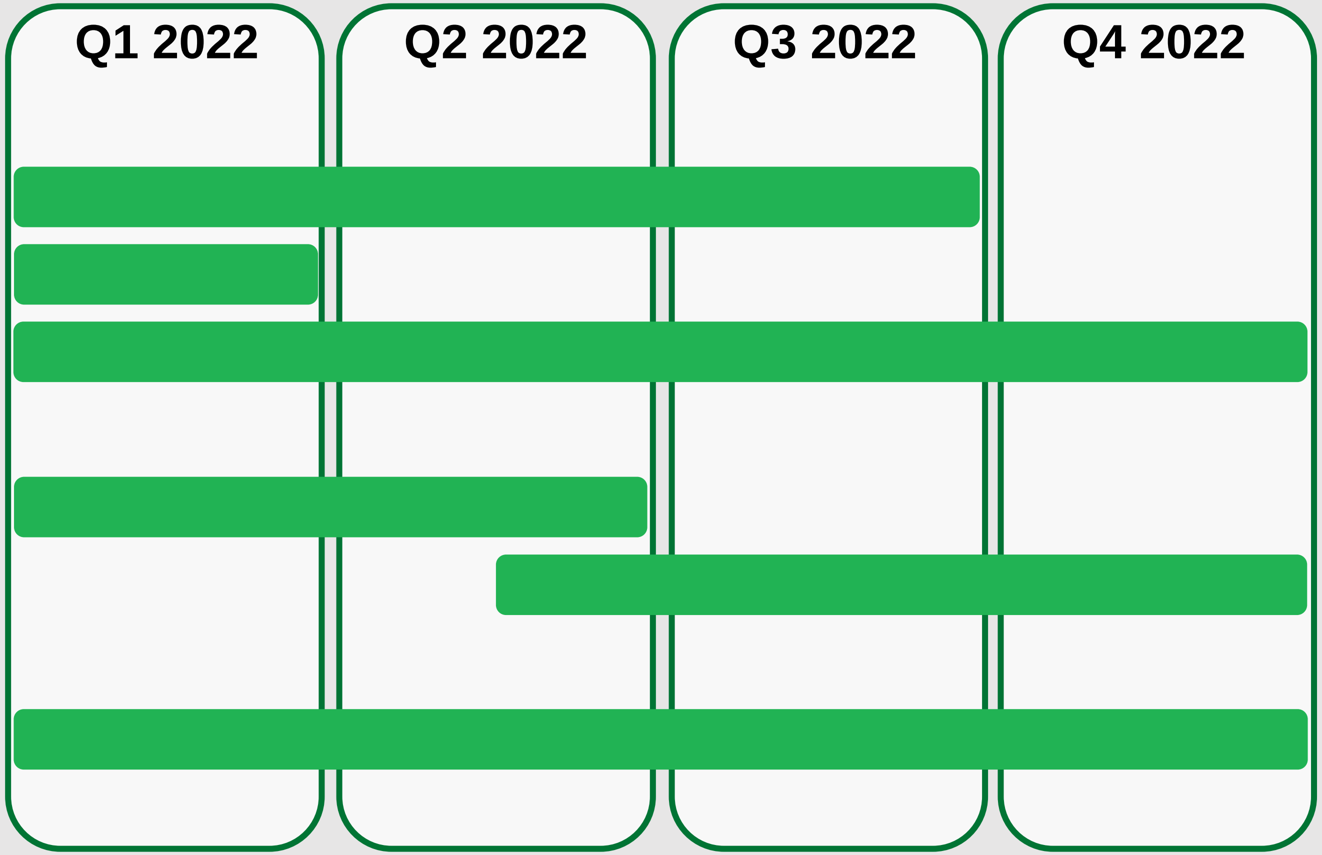
- Aboriginal Heritage Surveys across MBLP & Manna



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

Growing WA-Focused Lithium Explorer

Two highly prospective lithium projects in tier-1 jurisdiction of Western Australia

Attributable inferred Mineral Resources of 18.4Mt @ 1.06% Li_2O with clear growth potential at the MBLP and Manna

Aggressive exploration programs at both the MBLP and Manna planned for 2022

Access to world-class infrastructure

Strong team driven by ESG fundamentals

Strong pipeline of news flow expected over next 12-18 months

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Riding the Lithium Wave with GL1's People, Positioning and Pipeline

Source: Koji Hirano / Getty Images – ESPN 'Days before 50th birthday, surfing great Kelly Slater wins Billabong Pro Pipeline in Hawai'i

Thank You

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