GLOBAL Lithium resources

INVESTOR PRESENTATION

Global Lithium Resources

Fast-Tracking Australia's Next Lithium Mine

ASX:GL1

July 2026

Disclaimer

These presentation materials and the accompanying verbal presentation (together, the **Presentation Materials**) have been prepared by Global Lithium Resources Limited ABN 58 626 093 150 (**Global Lithium** or **Company**). By receiving the Presentation Materials, you acknowledge and represent to the Company that you have read, understood and accepted the terms of this disclaimer.

You must read this important notice before you attempt to access the Presentation Materials. The information on this page is not part of the Presentation Materials. If you do not understand it, you should consult your professional adviser without delay.

NOT AN OFFER

These Presentation Materials are for information purposes only. The Presentation Materials do not comprise a prospectus, product disclosure statement or other offering document under Australian law. The Presentation Materials also do not constitute or form part of any invitation, offer for sale or subscription or any solicitation for any offer to buy or subscribe for any securities nor shall they or any part of them form the basis of or be relied upon in connection therewith or act as any inducement to enter into any contract or commitment with respect to securities. In particular, these Presentation Materials do not constitute an offer to sell or a solicitation to buy, securities in the United States of America.

NOT INVESTMENT ADVICE

The Presentation Materials are not investment or financial product advice (nor tax, accounting or legal advice) and are not intended to be used for the basis of making an investment decision. Recipients should obtain their own advice before making any investment decision.

SUMMARY INFORMATION

The Presentation Materials do not purport to be all inclusive or to contain all information about the Company or any of the assets, current or future, of the Company.

The Presentation Materials contain summary information about the Company and its activities which is current as at the date of the Presentation Materials. The information in the Presentation Materials is of a general nature and does not purport to contain all the information which a prospective investor may require in evaluating a possible investment in the Company or that would be required in a prospectus or product disclosure statement or other offering document prepared in accordance with the requirements of Australian law or the laws of any other jurisdiction, including the United States of America.

The Company does not undertake to provide any additional or updated information whether as a result of new information, future events or results or otherwise.

FORWARD LOOKING STATEMENTS

Certain statements contained in the Presentation Materials, including information as to the future financial or operating performance of the Company and its business operations, are forward looking statements. Such forward looking statements:

- are necessarily based upon a number of estimates and assumptions that, while considered reasonable by the Company, are inherently subject to significant technical, business, economic, competitive, political and social uncertainties and contingencies;
- involve known and unknown risks and uncertainties that could cause actual events or results to differ materially from estimated or anticipated events or results reflected in such forward-looking statements; and may include, among other things, statements regarding estimates and assumptions in respect of prices, costs, results and capital expenditure, and are or may be based on assumptions and estimates related to future technical, economic, market, political, social and other conditions.

The Company disclaims any intent or obligation to publicly update any forward-looking statements, whether as a result of new information, future events or results or otherwise.

The words "believe", "expect", "anticipate", "indicate", "contemplate", "target", "plan", "intends", "continue", "budget", "estimate", "may", "will", "schedule" and similar expressions identify forward looking statements.

All forward-looking statements contained in the Presentation Materials are qualified by the foregoing cautionary statements. Recipients are cautioned that forward looking statements are not guarantees of future performance and accordingly recipients are cautioned not to put undue reliance on forward looking statements due to the inherent uncertainty therein.

NO LIABILITY

The Company has prepared the Presentation Materials based on information available to it at the time of preparation. No representation or warranty, express or implied, is made as to the fairness, accuracy or completeness of the information, opinions and conclusions contained in the Presentation Materials. To the maximum extent permitted by law, the Company, its related bodies corporate (as that term is defined in the *Corporations Act 2001* (Cth) (**Corporations Act**)) and the officers, directors, employees, advisers and agents of those entities do not accept any responsibility or liability including, without limitation, any liability arising from fault or negligence on the part of any person, for any loss arising from the use of the Presentation Materials or its contents or otherwise arising in connection with it.

COMPLIANCE STATEMENTS

The information in this Presentation which relates to a production target, exploration results of estimates of mineral resources and ore reserve are extracted from the ASX announcement referenced and which are available on the Company's website https://globallithium.com.au and the ASX website (ASX code: GL1)

The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements and, in the case of estimates of mineral resources and ore reserves, that all material assumptions and technical parameters underpinning the estimates in the relevant market announcements continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Persons findings are presented have not been materially modified from the original market announcements.

The Company confirms that all material assumptions underpinning the production target, or the forecast financial information derived from a production target, in the initial public report continue to apply and have not materially changed.

Investment Highlights

Globally significant Manna project: 51.6Mt @ 1.0% Li_2O (64% Indicated) mineral resource and a reserve of 19.4Mt @ 0.91% Li_2O

Prime location: Manna located just 100km east of WA's mining hub of Kalgoorlie. Developed infrastructure, road and railway access with connected data networks and utilities support

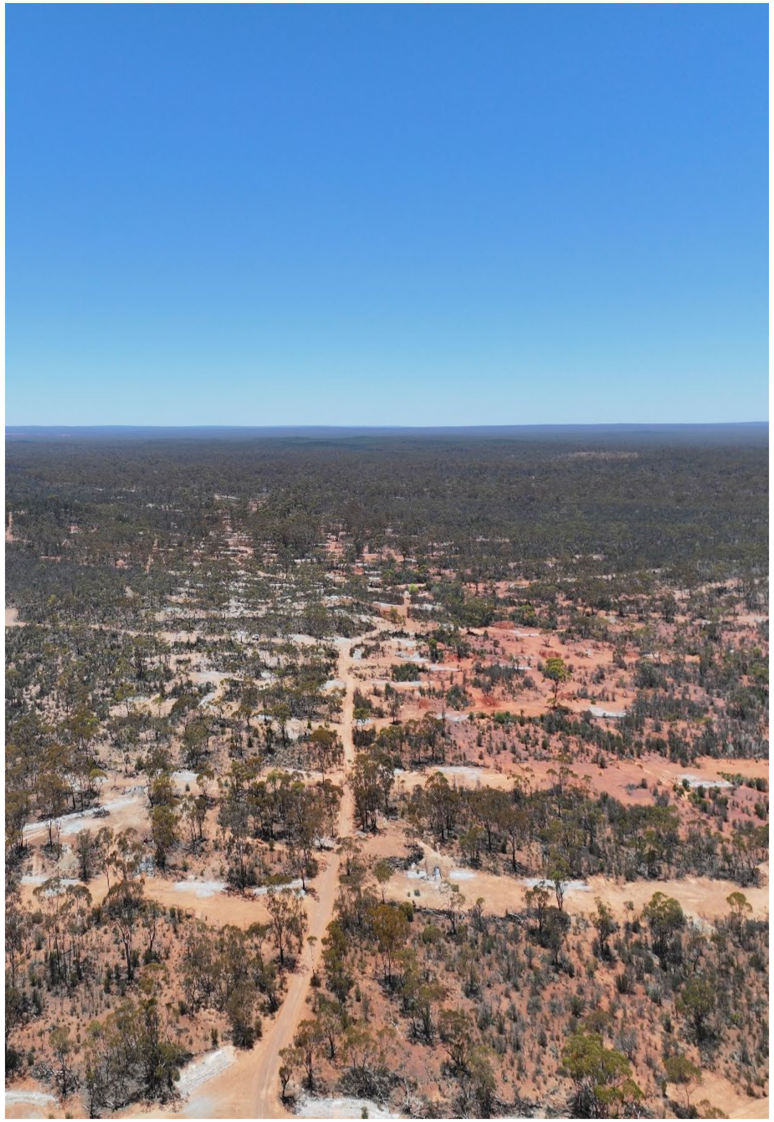
Transformative acquisition accelerating pathway to first spodumene: GL1 to acquire 100% of the Nova Operation(approx. 170km south of Manna), securing an established processing plant and associated infrastructure with significant potential to reduce overall capex and accelerate first spodumene concentrate production

Manna DFS robust project economics with significant upside[1]: Post-tax NPV of $472m, 25.7% IRR, 3.5-year payback period and mine life of 14.3 years. GL1 commenced the Manna–Nova Integration Study to quantify anticipated capex reduction and capture cashflow from DSO production

Significantly de-risked through permitting: Mining Lease granted in August 2025, remaining permits/approvals to be expected this quarter

Experienced leadership: Board and management have a successful track record financing and building mining projects

Supportive offtake and shareholder relationships: Transformational funding and offtake arrangements signed with Lopal - equity investment of A$7.3m, US$75m prepayment facility and 40% offtake; 70% of Manna production now contracted (Lopal 40% + Canmax 30%)



Notes:
1 At US$1,400/t SC6.0 CIF price assumption and AUD:USD 0.67 exchange rate; Refer ASX released titled "MANNA LITHIUM PROJECT ROBUST DFS RESULTS" 4 December 2025

Company-Making Transactions Are Driving GL1 Forward

15 July 2026

Nova Operation Acquisition

- Binding Agreement to acquire 100% of IGO Nova Pty Ltd for A$7m (A$3m cash, A$2m GL1 shares, A$2m deferred cash). Completion scheduled for Nov/Dec 2026
- Secures a 1.8Mtpa concentrator plus power, camp and other site infrastructure
- Potential for substantial capital expenditure savings compared to a Manna greenfield plant with first spodumene concentrate targeted mid-2027
- Integration Study underway

22 April 2026

Lopal Strategic Funding

- Placement of c.13.84m shares at c.A$0.53 per share in May 2026
- Gross proceeds of c.A$7.3m with Lopal to hold c.5% of issued capital
- Cements strategic partnership: Lopal also holds 40% offtake with a US$75m prepayment facility payable upon positive FID for the Manna Project

22 April 2026

Marble Bar Divestment

- Binding Tenements and Mineral Rights Sale Agreement signed with Lopal. Completion scheduled in H2 2026
- Total consideration of A$14.85m for GL1's interest in the Marble Bar Lithium Project
- Non-dilutive funding, sharpens focus and capital on accelerating the Manna Project

Corporate Snapshot

Market Capitalisation[1]
c.A$142m

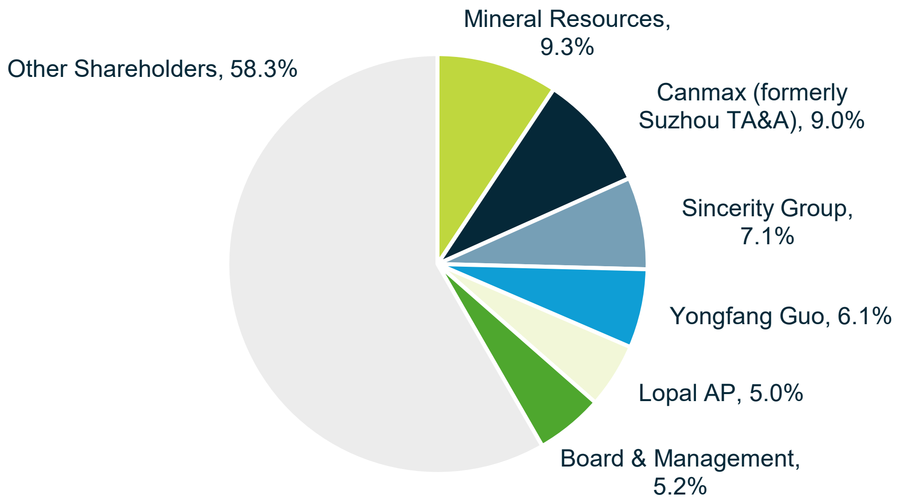
Share Price[1]
A$0.51

Shares on Issue[1]
c.277.5m

Options/PRs[1]
c.6.5m

Cash[2]
c.A$25m

Share Register[1]



Board of Directors

	**Richard O'Shannassy** Non-Executive Chair	• 40+ years experience as a commercial lawyer and involvement in the resources sector • Current non-executive director for Focus Minerals (ASX: FML)
	**Dr Dianmin Chen** Founder & Managing Director	• 35+ years in the mining industry • Previously held senior management and executive roles at Barrick Gold, Sino Gold, Citic Pacific Mining, Norton Gold Fields and Warriedar Resources • Currently a non-executive chair of MB Gold (ASX: MBG)
	**Liaoliang Leon Zhu** Executive Director	• 20+ years international business experience • Founder and CEO of Sincerity Group • Major shareholder in multiple listed and private companies across the lithium, copper and gold sectors
	**Dr Xiaoxuan David Sun** Non-Executive Director	• 10+ years leading Sinosteel in Australia, overseeing several iron ore projects • Currently the Managing Director and CEO of Accent Resources NL (ASX: ACS)
	**Emma Wates** Company Secretary	• Experienced Chartered Accountant with +20 years experience providing corporate advisory • Acted as Company Secretary for several ASX listed companies and is a senior associate of FINSIA

GLOBAL Lithium resources

Notes:
1 As at 27 July 2026
2 As at 27 July 2026

Manna - Nova Project

Accelerated Pathway to Production

Manna Project

Binding Term Sheet with Jiangsu Lopal Tech. Group Co., Ltd (Lopal)[1]

Key Commercial Terms

1. **Equity Placement of A$7.32m**
   - Following the issue of the Placement Shares, Lopal holds approximately 5% of the Company's issued capital
2. **Long-term Offtake Agreement**
   - Lopal will offtake 40% of Manna's annual actual production. From commencing production, GL1 will use reasonable endeavours to supply at least 70Kt of product per annum
   - 10-year term from the date of the first supply of product, with an option for Lopal to extend for a further 4 years
3. **Maximum Offtake Prepayment of US$75m**
   - Payment is subject to GL1 making a positive FID for the Manna Lithium Project

Acquisition of Nova Operation[2]

Acquisition Highlights

- Binding Share Purchase Agreement to acquire 100% of IGO Nova Pty Ltd for A$7.0m comprising the Nova processing plant and associated infrastructure
- Acquisition presents the potential to save substantial capital expenditure compared to a greenfield processing plant build at the Manna Lithium Project
- Established infrastructure at Nova provides capacity to accelerate GL1's path to spodumene concentrate production
- Existing crushing facility at Nova will be used for the Manna Lithium Project's DSO production. This can enable early cashflow while the processing plant at the Nova Operation is converted in parallel for concentrate production
- **The Manna-Nova Operation Integration Study with targeted completion this Quarter**

Capex Funding Bridge	A$m
Original Manna Project Capex	**439.0**
Less: Current cash	25.0
Less: Lopal Maximum Offtake Prepayment	112.0[3]
Less: Marble Bar Lithium Project Sale Proceeds	11.85
Remaining Capex	**290.15**
Less: Additional Offtake & Investment	TBA
Less: Manna-Nova Operation Integration Study Capex Reduction Results	TBA
= Project Financed	

Notes:
1 Refer ASX release titled "TRANSFORMATIONAL FUNDING SECURED TO UNDERPIN FUTURE DEVELOPMENT OF MANNA LITHIUM PROJECT", 22 April 2026
2 Refer ASX release titled "GL1 TO ACQUIRE NOVA OPERATION TO ACCELERATE PRODUCTION FROM ITS MANNA LITHIUM PROJECT", 15 July 2026
3 Assumed AUD:USD 0.67 exchange rate

Kalgoorlie: Established Mining Province

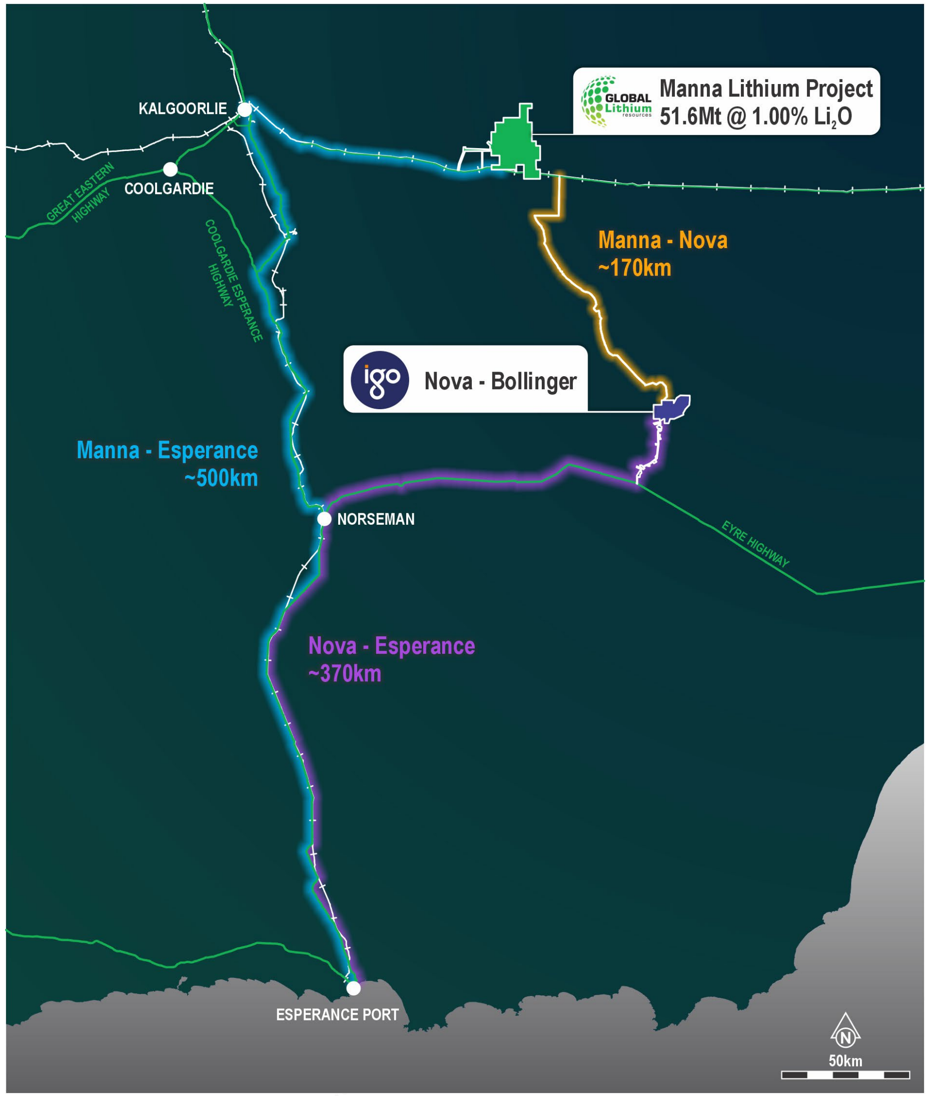
Leading mining jurisdiction
- Western Australia remains the world's largest producer of lithium spodumene and the broader Goldfields region around Kalgoorlie is emerging as a significant lithium province

Tier 1 global miners operate and are investing in Kalgoorlie
- Including blue-chip miners such as Northern Star Resources, Evolution Mining, Norton Gold Fields, Mineral Resources and Liontown

Established multi-commodity hub
- Kalgoorlie has transformed into a multi-commodity hub including metals such as gold, lithium and strategic minerals

Major lithium mines/projects in the Kalgoorlie region operated by leading ASX200 Lithium mining companies
- Mt Marion and Bald Hill – operated by Mineral Resources (ASX: MIN)
- Buldania – operated by Liontown (ASX: LTR)

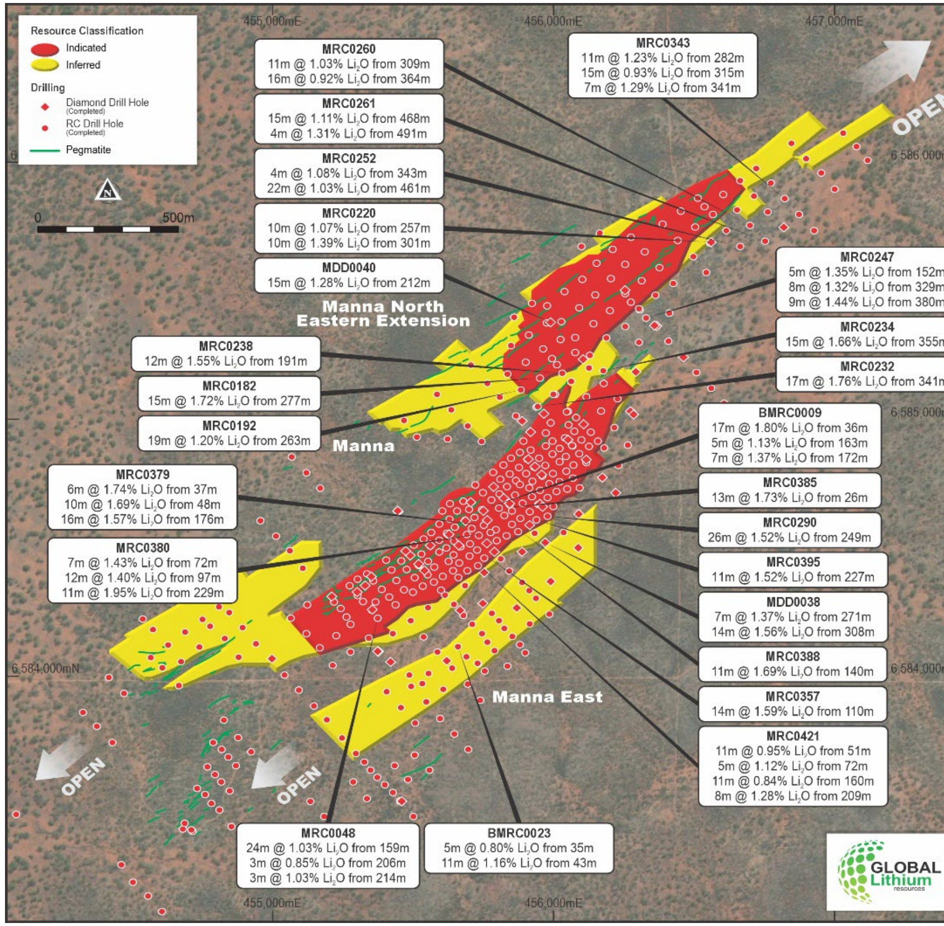
Attractive operating jurisdiction
- Transparent mining laws and regulations in the Western Australia region support Kalgoorlie as a low-risk operating jurisdiction



Manna Highlights

- **100%-owned flagship lithium project, located just 100km east of WA's mining hub of Kalgoorlie**
- Manna Project ranked the **3rd largest lithium resource in the Kalgoorlie province**
  - ✓ MRE of 51.6Mt at 1.00% Li_2O following the 43% mineral resource update in June 2024
- **Ore Reserve of 19.4Mt @ 0.91% Li_2O**
- **DFS[2] currently confirms a project NPV_8 of $472m with a 14-year mine life subject to material improvements following completion of the Manna-Nova Operation Integration Study**
- **Final Investment Decision (FID) targeted for December Quarter 2026**
- **Located in Kalgoorlie – a global tier 1 mining jurisdiction**
  - ✓ Developed infrastructure, road and railway access, connected data networks and utilities support Kalgoorlie as a global tier 1 mining province
  - ✓ Transparent mining laws and regulations in the Western Australia region support Kalgoorlie as a low-risk operating jurisdiction

Well Defined Orebodies[1]



Notes:

1 Refer to the following announcement:

ASX Announcement 13th September 2022. Highest Grade Lithium Intercept Returned at Manna

ASX Announcement 10th March 2023. Manna Delivers Increased Exploration Upside

ASX Announcement 26th October 2023. Manna Drilling Delivers Further High-Grade Results

2 At US$1,400/t SC6.0 CIF price assumption and AUD:USD 0.67 exchange rate; Refer ASX released titled "MANNA LITHIUM PROJECT ROBUST DFS RESULTS" 4 December 2025.

Planned Manna Mining Operations

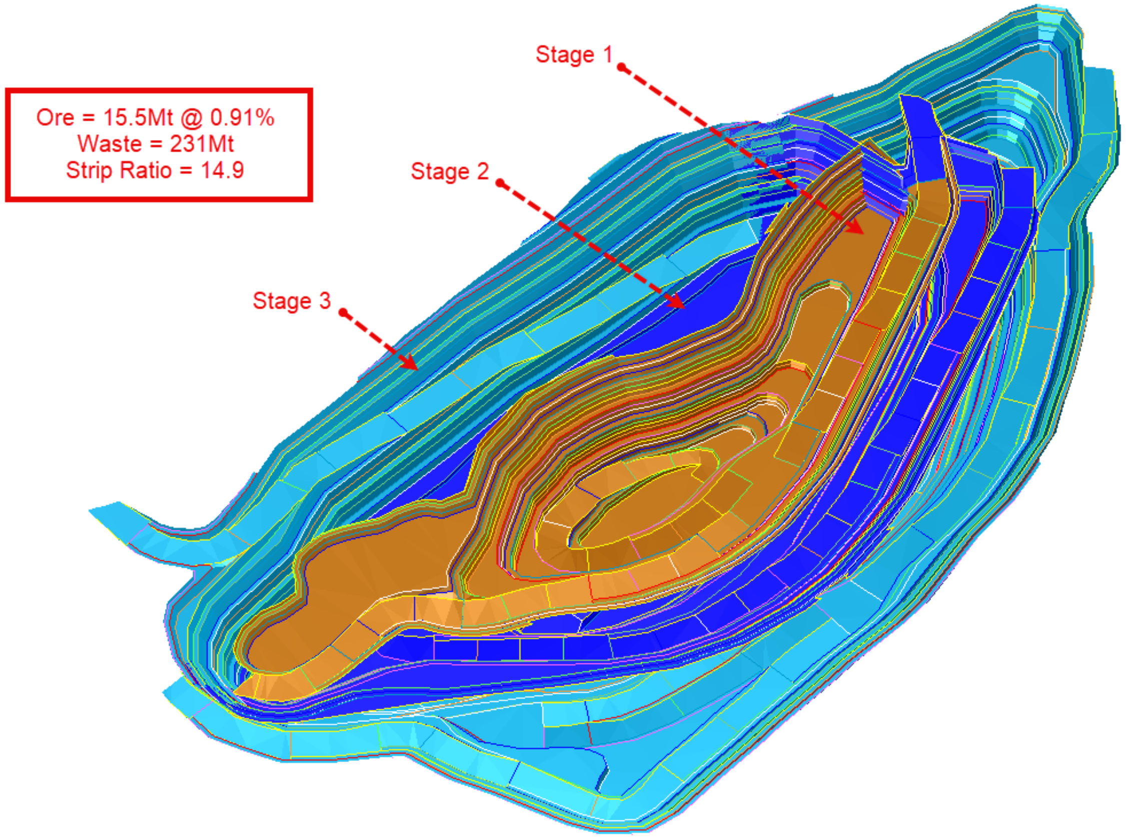
GLOBAL Lithium resources

Open Cut

- Ore Mined 15.5Mt @ 0.91% Li_2O
- Total Waste Mined 231Mt
- Strip Ratio: 14.9
- Open Cut Mine Life: 8.5 Years

Underground (PFS Level)

- 8.2Mt @ 0.82% Li2O
- Underground Mine Life: 7 Years



Nova Highlights

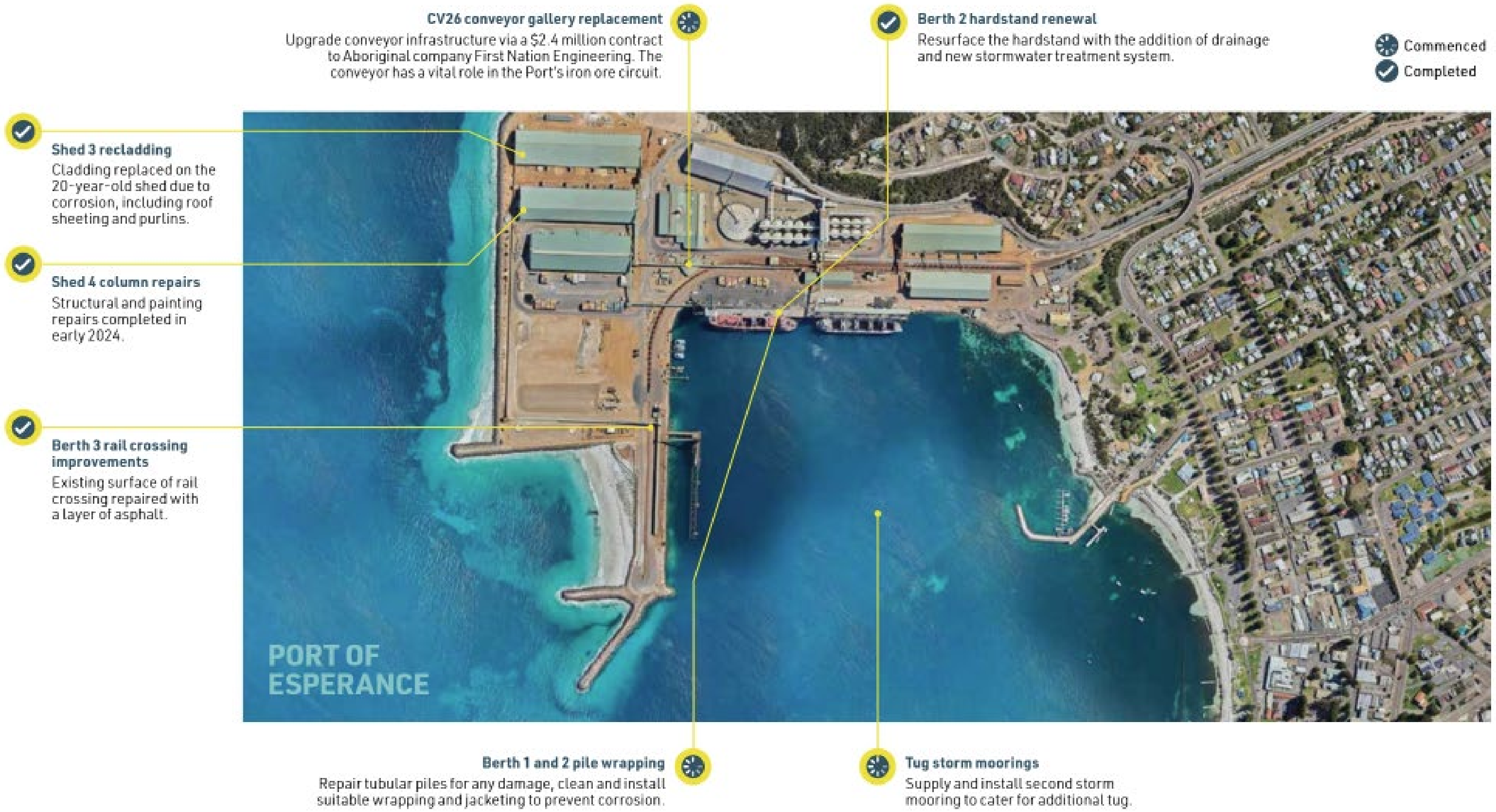
- 135km direct distance to Manna
- Miscellaneous license with 170km road readily available
- 1.8mtpa sulfide ore processing plant
- 26.6MW Diesel/Solar power plant
- Sealed runway and airport
- 500 bed camp
- Bore-field (1GL License) with Osmoflo water treatment facility
- Fully operational TSF

Nova Processing Plant

Multiple Logistics Pathways

- **Discussions well advanced for DSO and spodumene concentrate to be shipped from Port of Esperance**
- **Loading at Manna** – Loose bulk haulage via triple road trains; payload of 98 tonnes per combo permitted
- **Trucking to Nova –** Crushing, sorting for DSO and processing for spodumene concentrate
- **Transport for export** – Use of road trains to transport to the Port of Esperance
- **Ship-loading** – Loaded onto handysize vessels at the Port

Port of Esperance



GLOBAL Lithium resources

A Glance at Operating Considerations

Mining at Manna	Pegmatite lithium ore mining will be carried out at Manna site with a 200-bed camp, small power plant, bore-fields and other infrastructure
Hauling	Ore produced from Manna is hauled to Nova for crushing, sorting and processing before delivered to Port for exporting – to be decided from the Manna – Nova Operation Integration Study (Complete in SEPT QTR 2026)
Processing	DSO will be crushed and sorted before trucking to Esperance Port for shipping; Nova processing plant to be modified to process lithium ore to produce spodumene concentrate which will be delivered to Esperance Port for shipping
Significance of Manna-Nova Operation	Will generate hundreds of jobs, supporting regional economy and local communities

Project Approvals / Permits

Native Title Mining Agreement

- Native Title Mining Agreement (NTMA) signed with Kakarra Part B Native Title Group

Mining Lease

- 21 years Mining Lease (MLA 28/414) granted in August 2025 by the Department of Mines, Petroleum and Exploration (DMPE)

Environmental Approval Application

- Works approval and native vegetation clearing permit applications lodged
- Mine Development and Closure Plan submitted
- Project Approvals/Permits expected to be in place in weeks

Miscellaneous Licenses

- Applications for village, infrastructure corridors and access roads approved

Manna-Nova Project Key Milestones

	2026		2027			
MILESTONE	Q3 2026 ▼ NOW	Q4 2026	Q1 2027	Q2 2027	Q3 2027	Q4 2027
PRE-FID ACTIVITIES						
Manna-Nova Operation Integration Study						
Construction Water Supply / Storage						
Project Approvals & Permits						
Contract & Procurement — Pre-FID						
Basic Engineering & Design						
Pioneer Camp & Site Clearing						
Construction Camp — Stage 1 (80–100 rooms)						
FINAL INVESTMENT DECISION						
Final Investment Decision						
POST-FID CONSTRUCTION						
Access Road & Bulk Earthworks						
Detailed Engineering & Design						
Grade Control Drilling & Modelling						
Contract & Procurement — Post-FID						
Nova Process Plant Conversion & Commissioning						
PRODUCTION & OPERATIONS						
DSO Operation						
SC5.5 Production						
First SC5.5 Export						

Legend: ▶ Pre-FID activities (blue) ▶ Post-FID construction (green) ▶ Production & operations (navy)

GLOBAL Lithium resources

Community Engagement

GL1 is actively participating in the local Goldfields community

- GL1 has an open, ongoing relationship with the Kakarra people as part of our Native Title Mining Agreement
- We maintain regular engagement between Directors, our community team and local leaders, with active partnerships including:
  - Supplied AFL football kits for the Kakarra teams participating in the 51st, 52nd and 53rd Goldfields Aboriginal Football Carnival in Kalgoorlie
  - Engaged first indigenous contractor, Ellar Pty Ltd, to complete rehabilitation work around the proposed Manna project site
  - Conducted Cultural Awareness Training for senior business leaders and the current GL1 Board
  - Community Relationship Committee established to facilitate involvements of Kakarra Aboriginal Corporation business in the project development

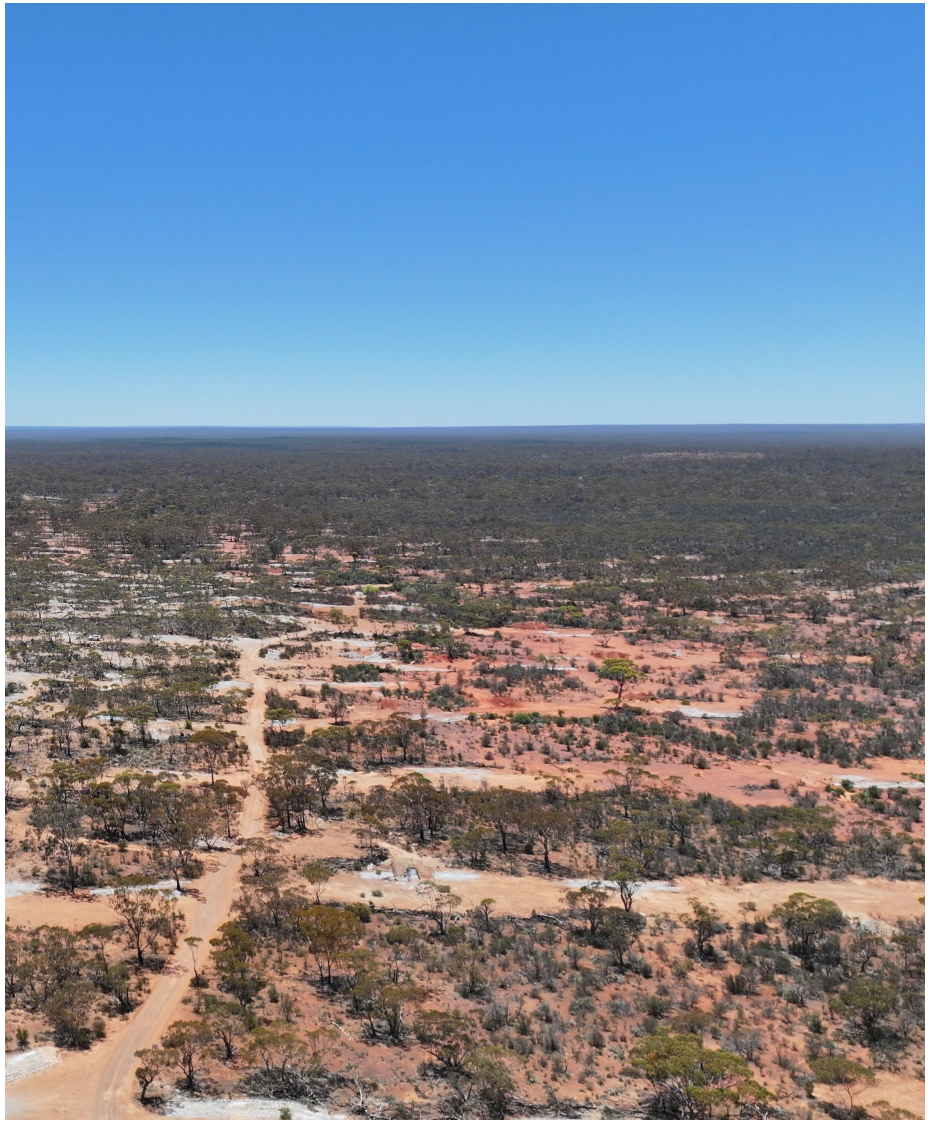



GLOBAL Lithium resources

Why Invest in Global Lithium

Why Invest in Global Lithium Resources

1. One of Australia's major UNDEVELOPED hard-rock lithium projects
2. Located in a TIER 1 mining jurisdiction within WA
3. The Manna-Nova Operation Integration Study, expected to be released THIS QUARTER, potential to significantly lower Capex
4. Expecting FID DECEMBER QTR 2026
5. Funding strategy advanced – 70% of production contracted (Lopal 40% + Canmax 30%), Lopal committed US$75m prepayment and strategic equity placement of 5% of total issued shares
6. DSO production is expected to commence MARCH QTR 2027
7. Spodumene concentrate production is expected to commence MID 2027



GLOBAL Lithium resources

Appendix

Global Lithium – Mineral Resource and Reserves

Resources[1]

Project Name	Category	Million Tonnes (Mt)	Li_2O%	Ta_2O_5 ppm
Marble Bar[2]	Indicated	3.8	0.97	53
	Inferred	14.2	1.01	50
	Subtotal	**18.0**	**1.00**	**51**
Manna[3]	Indicated	32.9	1.04	52
	Inferred	18.7	0.92	50
	Subtotal	**51.6**	**1.00**	**52**
Combined Total Resources		**69.6**	**1.00**	**52**

Reserves

Project Name	Category	Million Tonnes (Mt)	Li_2O%	Li_2O Tonnes
Manna Open Cut[4]	Proved	-	-	-
	Probable	14.4	0.93	133,920
	Subtotal	**14.4**	**0.93**	**133,920**
Manna Underground	Proved	-	-	-
	Probable	5.0	0.84	42,000
	Subtotal	**5.0**	**0.84**	**42,000**
Combined Total Reserves		**19.4**	**0.91**	**175,920**

Notes:
1 The Mineral Resource Estimates include the Marble Bar Lithium Project, which is subject to the proposed divestment.
2 Refer ASX release titled "GL1 DELIVERS TRANSFORMATIVE 50.7 Mt LITHIUM RESOURCES BASE", 15 December 2022
3 Refer ASX release titled "43% INCREASE IN MANNA LITHIUM DEPOSIT MINERAL RESOURCE TO 51.6MT @ 1.0% Li2O", 12 June 2024
4 Refer ASX release titled "MANNA LITHIUM PROJECT TAKES ANOTHER STEP TOWARDS PRODUCTION WITH ROBUST DFS RESULTS", 4 December 2025

Contact us

DIANMIN CHEN
Managing Director
+61 8 6103 7488
info@globallithium.com.au

MICHAEL CAIRNDUFF
Media and Investor Relations
+61 (0) 406 775241
mcairnduff@purple.au

ASX: GL1

in au.linkedin.com/company/global-lithium-resources

@Global_Lithium

Subscribe to our mailing list at:
globallithium.com.au

GLOBAL Lithium resources