

AUSTRALIAN GRAPHITE

From our Western Australian
Mine to Global Markets

Investor Presentation

April 2024



INTERNATIONAL
GRAPHITE
(ASX:IG6)

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WA Premier awards another \$6.5M to IG6

Australian Government grants total \$13.2M to date

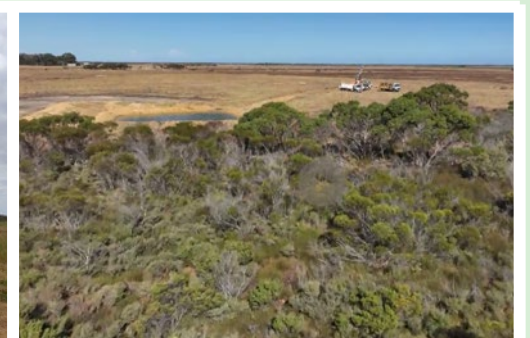


WA Premier Roger Cook announces the latest \$6.5M grant at IG6's Collie R&D Facility, 20 April 2024

Highlights

Western Australian graphite from mine-to-markets

- **Vertically integrated** in Western Australia – one of the world’s first graphite developments in a single premium resource jurisdiction
- **High quality mine at Springdale** – high grade, shallow, fine flake, multi-decade life, low startup and operating costs with huge expansion scope
- **Lithium-ion battery market** – the world needs new graphite supply and Springdale commodity is a perfect fit
- **Global government support** – new policies and finance to fastrack battery output is opening more doors for Springdale graphite
- **Pathway to early cashflow** – commercial graphite micronising operation being established in the Collie Light Industrial Area
- **Real value opportunity** – on track to match the mine development status of leading peers by 2024





Australia has joined the battery minerals race

IG has won the financial support of successive Australian Governments

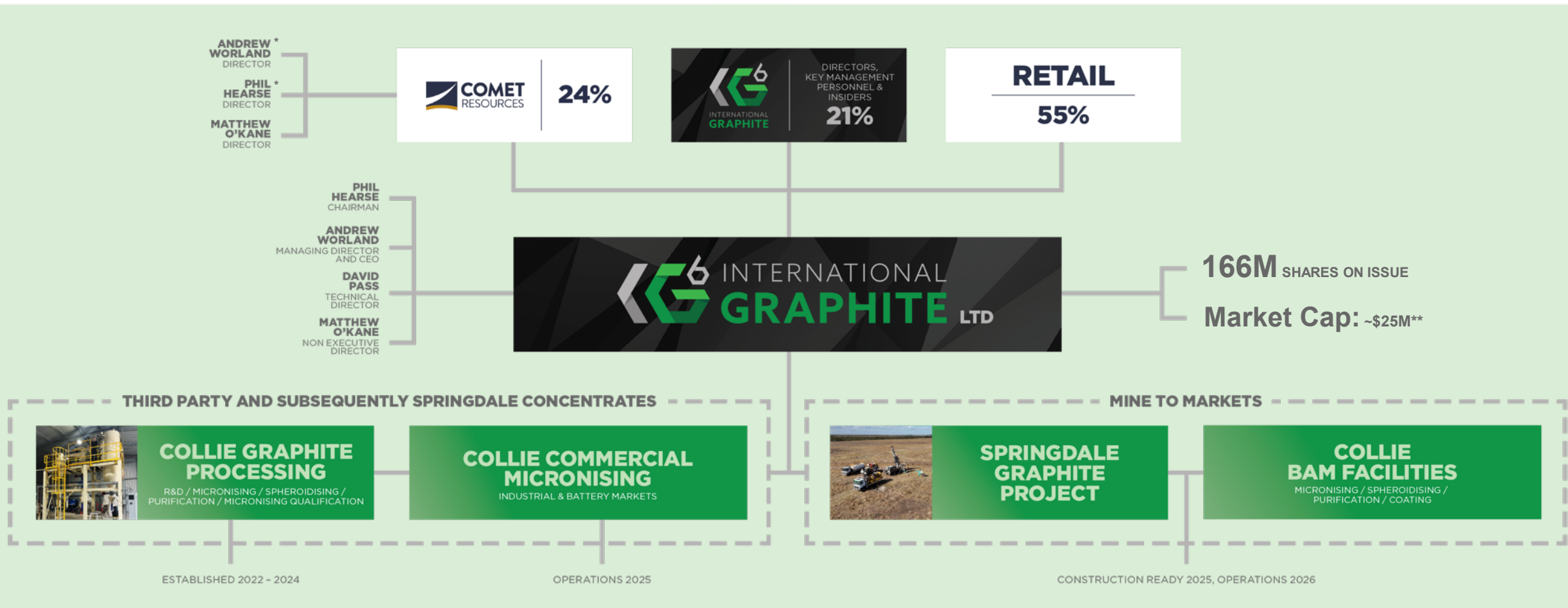


- **2024:** \$6.5M grant from the Western Australian Government
- 2023: \$4.7M grant from the Australian Government
- 2021: \$2.0M grant from the Western Australian Government
- Western Australian Industry Attraction Fund
- R&D tax rebates
- Australian Export Finance Agency – proven debt financiers of sovereign graphite developers
- Future Made in Australia Act 2024
- \$185M Government loan to Renascor’s Siviour Graphite Concentrate Operation, South Australia



Corporate structure

Directors directly own or control 45% of issued capital



• Director elect
 ** 17 April 2024



Expert professional team

Strong technical focus with decades of graphite and operations experience



Phil Hearse
Chairman & Founder



Andrew Worland
Managing Director & CEO



David Pass
Chief Technical Officer



Robert Hodby
CFO & Company Secretary



Jasbir Khosa
Processing Manager



Marie Howarth
Director Marketing & Communication



Greg Entwistle
Project Director



Josh Hearse
Project Manager



Darren Sparks
Exploration Manager



Mel Chapman
Grant Development & Social Media Manager



Kathy Miller
Chief Industrial Chemist



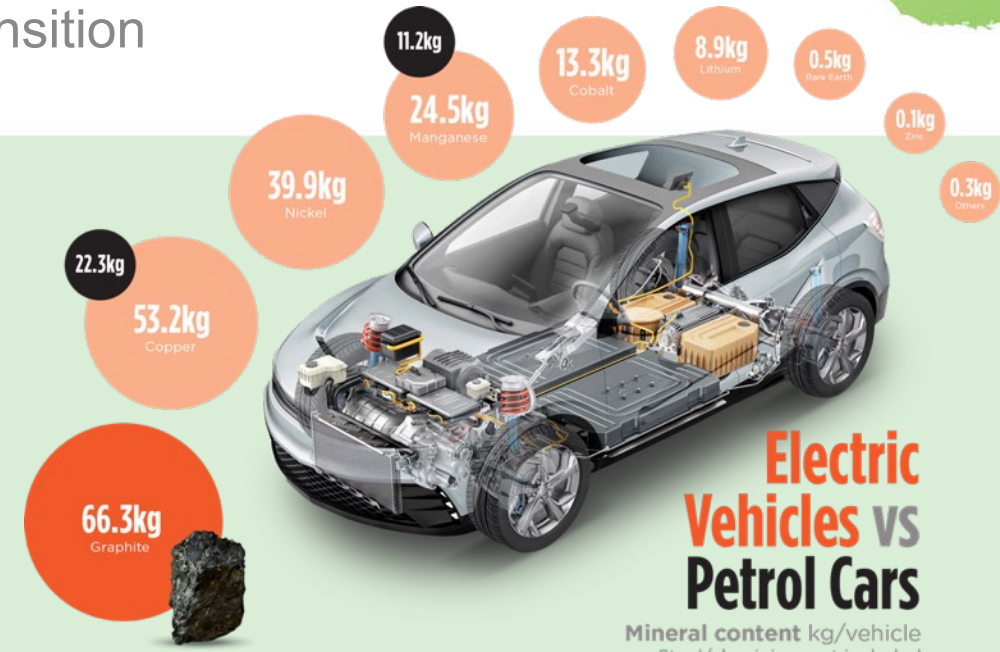
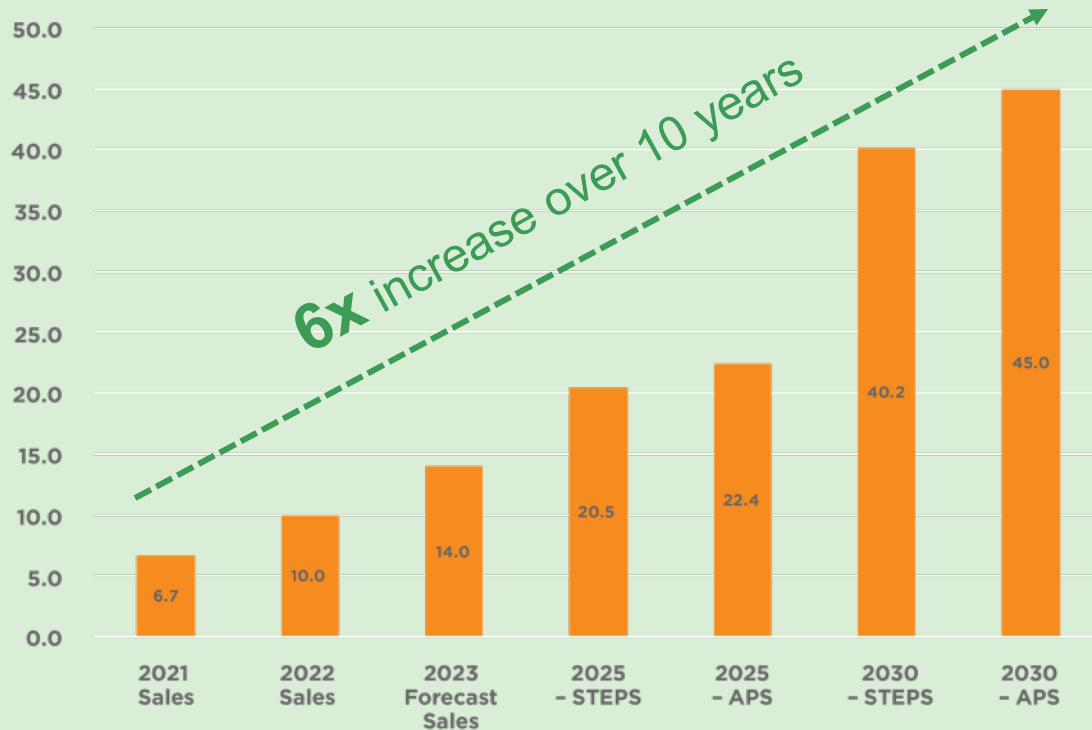
Mick Murray
Community Relations Advisor Collie



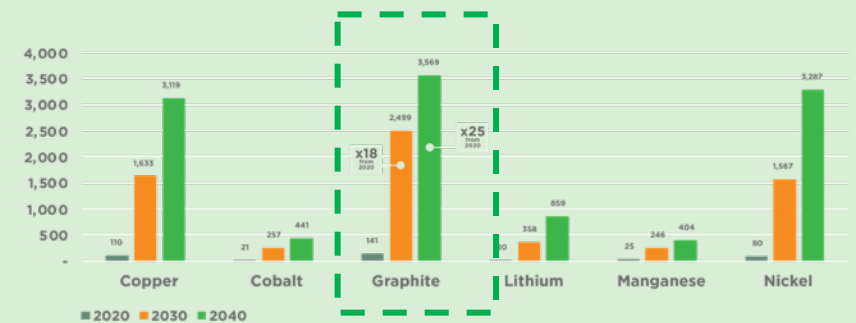
Graphite is critical

to lithium-ion battery supply and the clean energy transition

ANNUAL EV SALES (MILLIONS)



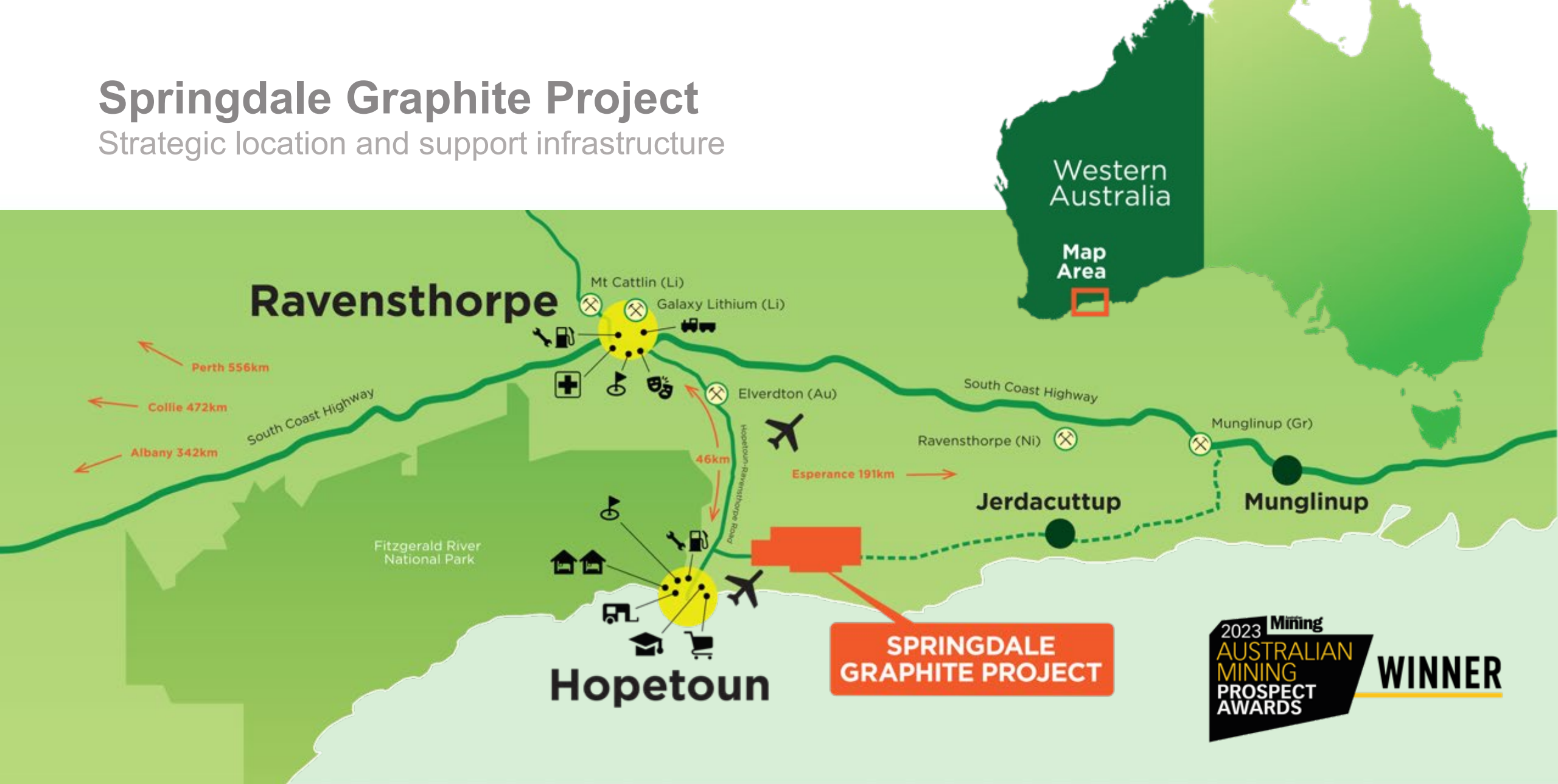
SDS: CRITICAL MINERALS REQUIRED IN EVs ('000t)



Source: International Energy Association

Springdale Graphite Project

Strategic location and support infrastructure

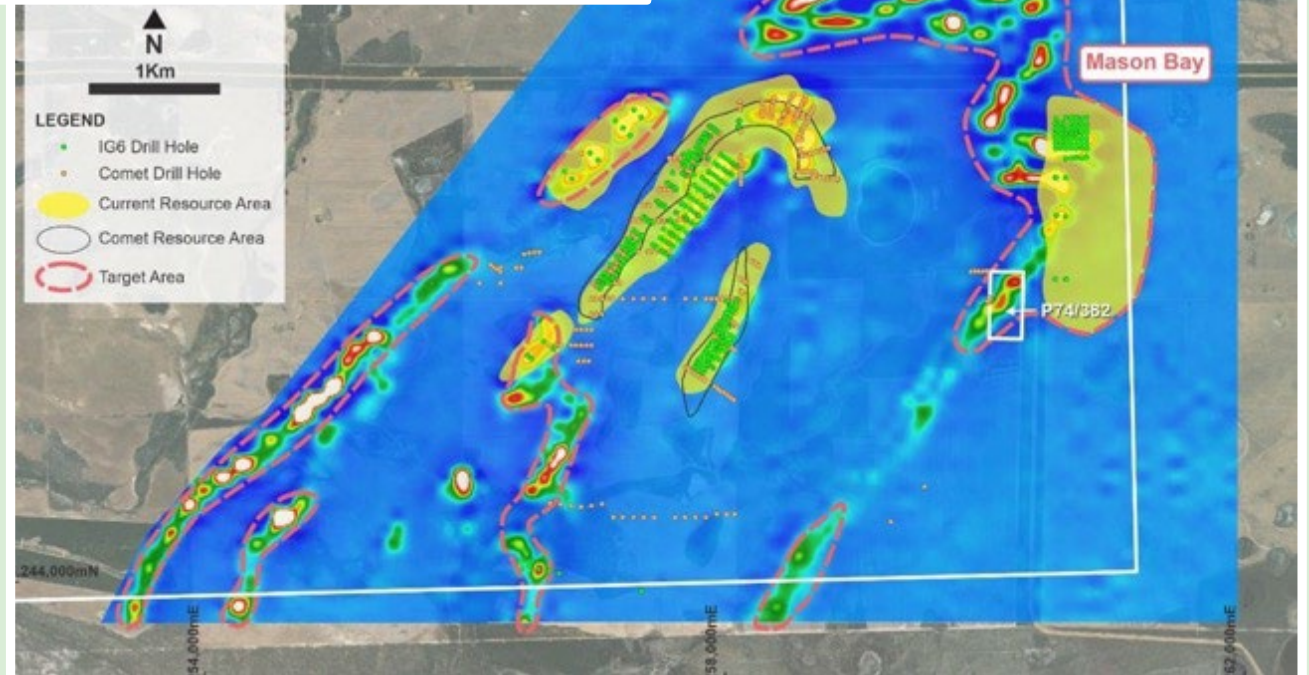
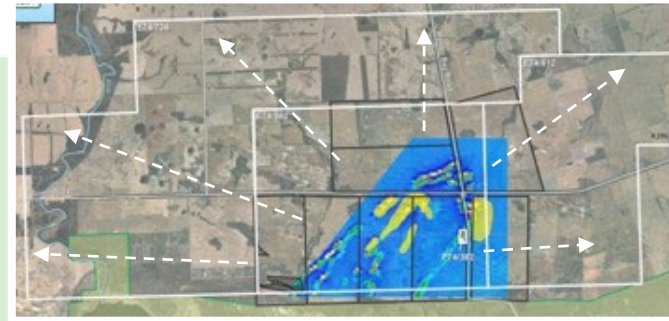


Springdale Graphite Project

Multi-decade resources identified with significant exploration potential -> mine expansions

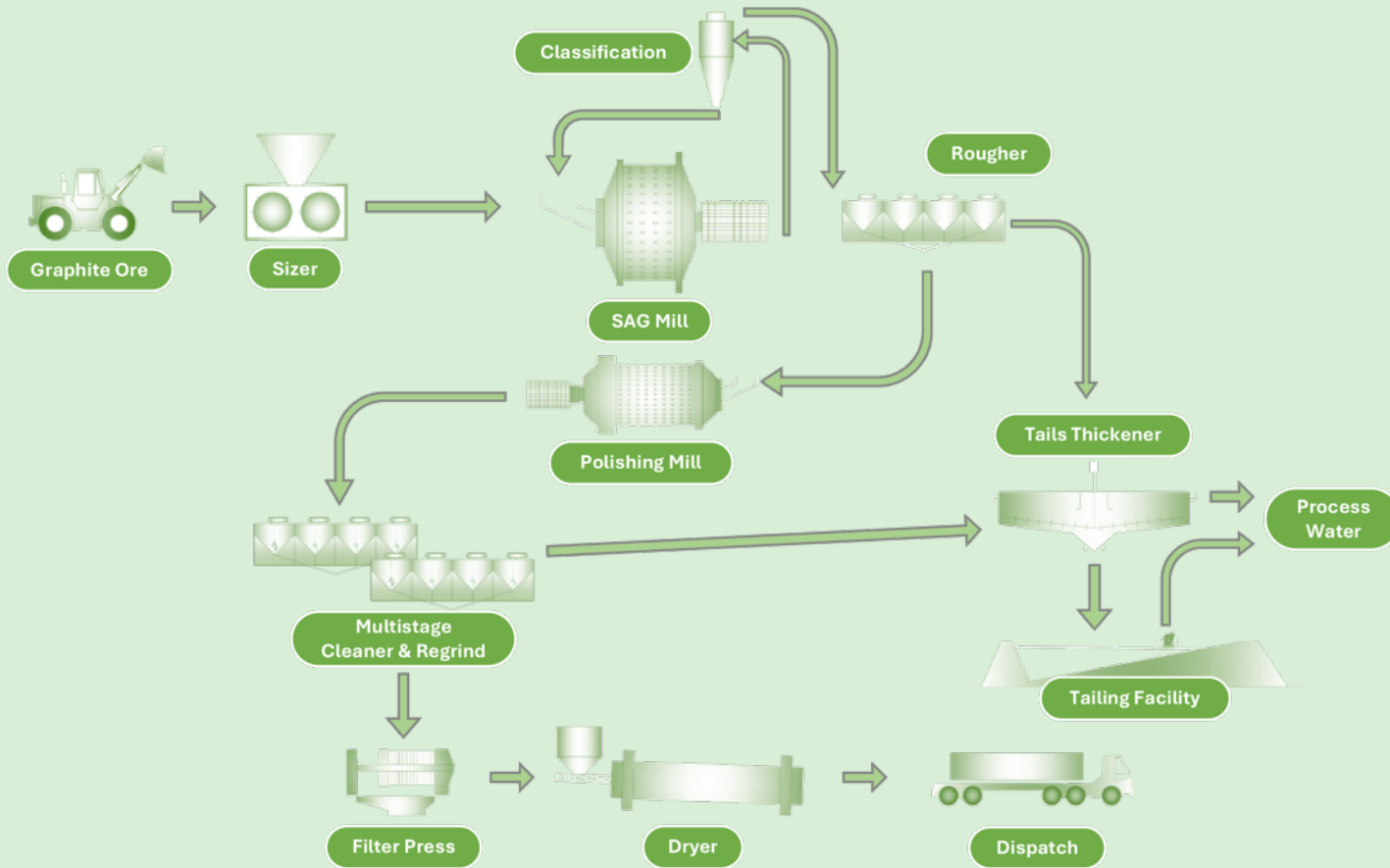
2% cut-off	JORC 2012 Mineral Resource Estimate September 2023		
	Tonnes (Mt)	Graphite (TGC%)	Contained Graphite (Mt)
Indicated	11.5	7.5	0.9
Inferred	37.8	6.1	2.3
Total	49.3	6.5	3.2

5% cut-off	JORC 2012 Mineral Resource Estimate September 2023		
	Tonnes (Mt)	Graphite (TGC%)	Contained Graphite (Mt)
Indicated	7.9	9.3	0.7
Inferred	20.1	8.5	1.7
Total	28.0	8.7	2.4



Springdale Graphite Project

500Ktpa concentrator



Collie Region

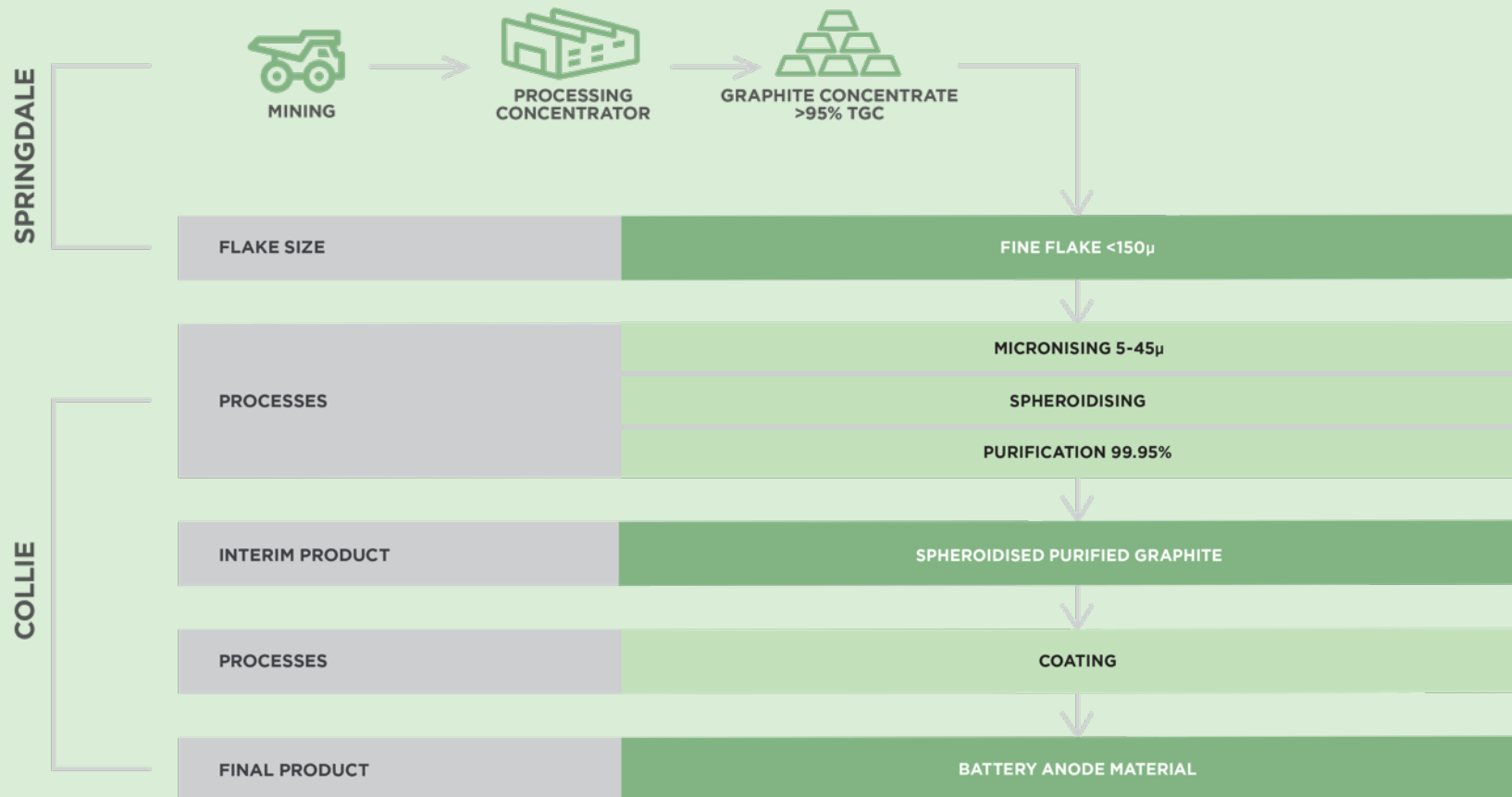
Central to Western Australia's major industrial corridor

- Located 200km from Perth and 450km from Springdale on sealed roads
- Surrounded by world class mining and refining operations
- Rapidly developing as a hub for critical minerals and green energy industries
- South-West interconnected power grid being transitioned by renewable energy build out
- \$662M WA Government funding and support package part of an unprecedented Government commitment to the region



Integrated operations

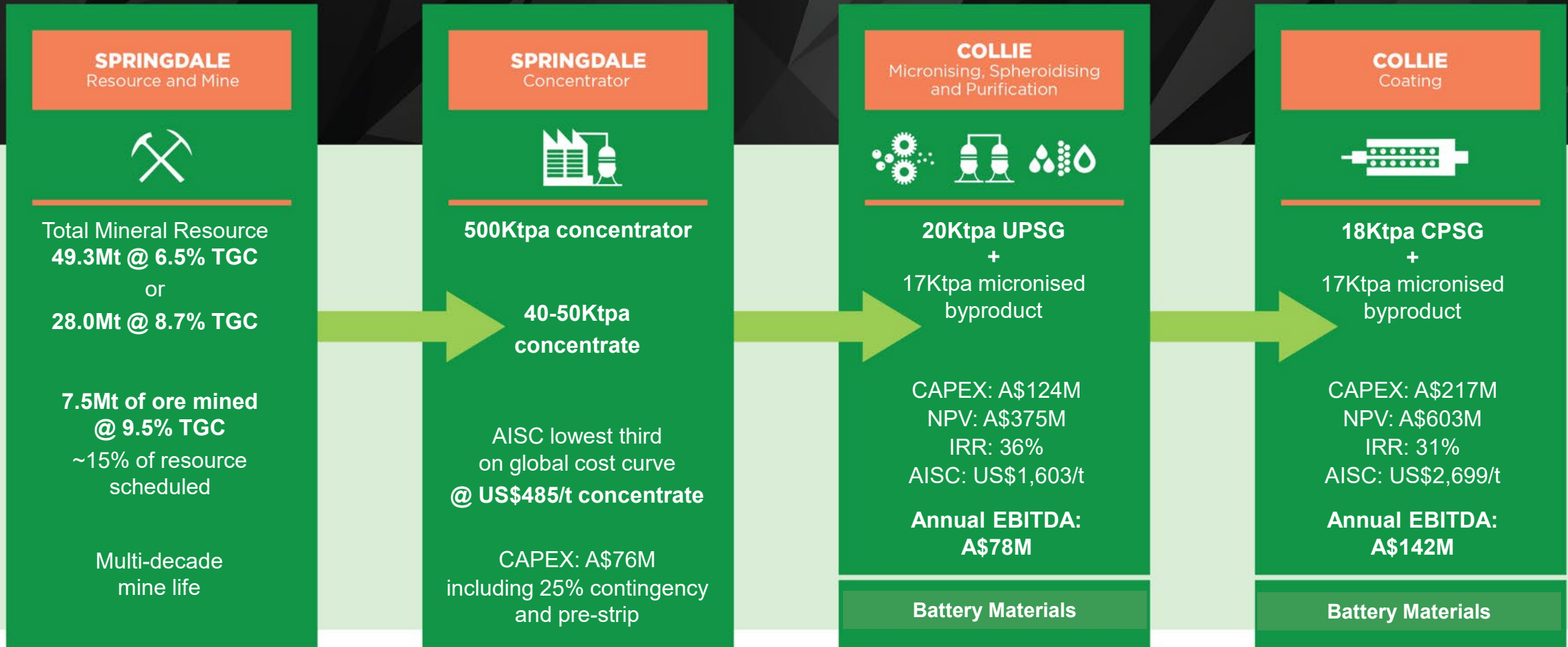
Capturing full value of the graphite resource



- First pilot micronising and spheroidising equipment commissioned in 2022
- Thermal purification
- Samples produced
- Sizing and distribution of spheroidised graphite achieved quality needed for battery anode and energy storage
- Purification to 99.96%+ using non-HF and electrochemical tests show exceptional battery charging and discharging capacity

Integrated Mine to Markets Scoping Study

Key findings – first 15 years of operations, January 2024



Global attention on Australian graphite

Strong opportunities to de-risk and expand Springdale concentrate production

- Environmental targets and geo-political tension driving demand for critical minerals in power, transport, technology and defence
- North America investing billions to fast-track domestic manufacturing capability and supply security - grants and tax subsidies for battery materials processing onshore in the US
- Similar government policies in Japan, Korea, the EU and other allied jurisdictions
- Australian graphite companies have secured US funding eg Syrah and Novonix
- Leading investment advisors Bondi Partners are engaged for advice on market entry and strategic relationships in the US



Taking International Graphite to global markets

Milestones for 2024

Completion of Springdale Definitive Feasibility Study

- Resource and exploration drilling - Springdale & Mason Bay Q2 2024
- Mining agreements
- Updated Mineral Resource and Ore Reserve
- Springdale mine permitting
- Flowsheet development

Battery Anode Testwork

- Underway in Collie and Germany
- Flowsheet development

Commitment to Collie Micronising Facility

- FID Q3 2025
- Cashflow 2025

Unlocking Funding Partners

- Advancing project financing and strategic relationships



First graphite production unit being established in Collie, Western Australia



Micronised graphite production at Collie

200tpa plant has been commissioned

- Now producing sample product for customer qualification and sales
- Sales agreements anticipated Q3 2024
- Long term industrial and battery graphite business
- Expansion to nominal ~4,000tpa at a capital cost of A\$12.5M
- Commencing with imported concentrates
- Then using Springdale concentrates
- Extensive markets for end product: battery/energy storage and industrial applications eg thermal management, lubricants, engineered products, polymers and battery cathodes



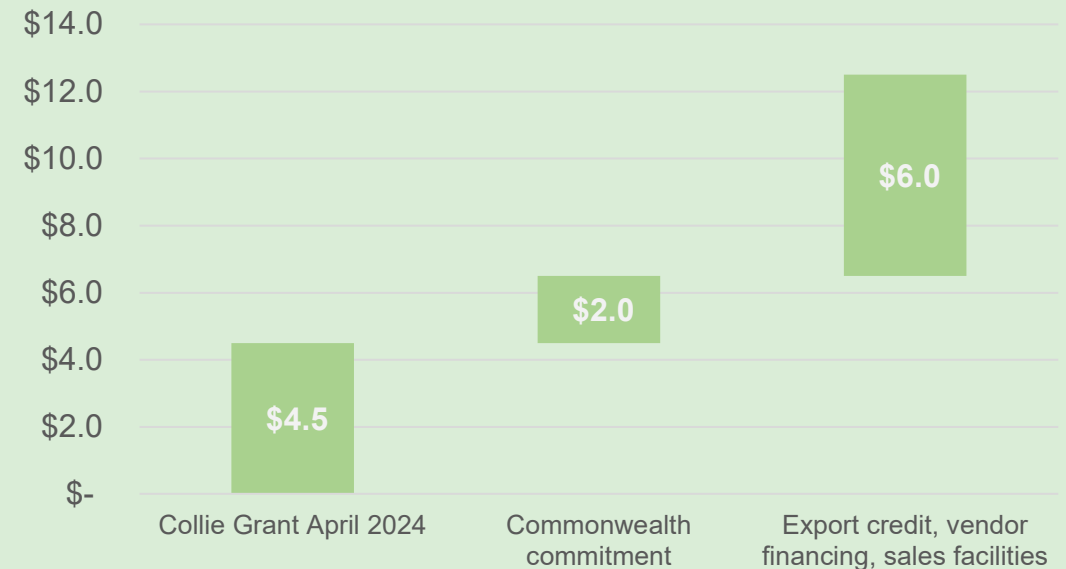


Micronised graphite products from Collie

Final Investment Decision Q3 2024 → production H2 2025

Definitive Feasibility Study – March 2023 Using imported concentrates	Unit of measure	
Total capital cost estimate, potential to be reduced in final design	A\$M	12.5
Product markets: battery/energy storage and industrial uses	–	5-45um D90 95%-99%
Production	tonnes per annum	4,000
IRR approximately	%	53%
Average annual revenues approximately	A\$M	15.5
Average annual EBITDA approximately	A\$M	6.9
Market prices for product ranges	US\$/tonne of product	US\$1,750/t– US\$8,500/t

Likely Funding Sources \$'M



International Graphite Limited

Phil Hearse

Chairman

+61 438 838 600

phearse@IG6.com.au

Andrew Worland

Managing Director & CEO

+61 409 370 792

aworland@ig6.com.au



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(ASX:IG6)

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