



Collie BAM Production

 Processing graphite concentrate to product battery anode material (BAM)



Global megatrends driving graphite demand

Unprecedented forecast for batteries and battery minerals

 Power and transport generate >70% of greenhouse emissions Governments worldwide are phasing out new combustion car sales and incentivising clean energy technologies



 Decarbonisation is creating a tectonic shift as industry moves from fossil fuels to clean energy

29% Electric Vehicles 10 year CAGR ¹



 Major economies around the world are pushing this transformation to:

- Meet net zero commitments
- Strengthen energy security and resilience
- Protect infrastructure and biodiversity from climate change
- Win market share in the lucrative new energy economy

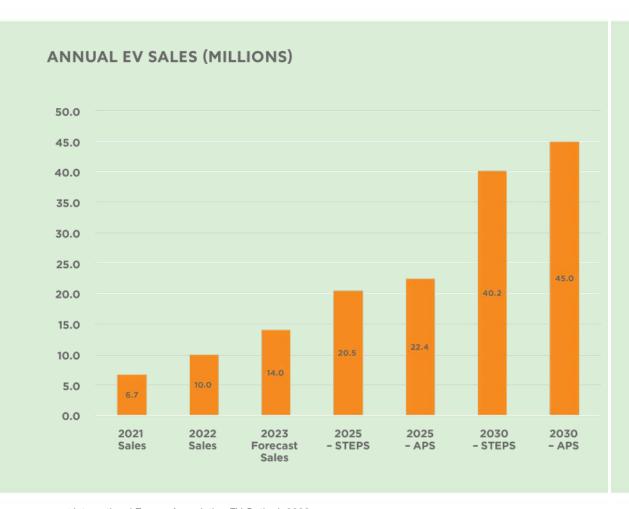
expected to be $35^{\circ}/_{\circ}$ of global car sales by 2030²

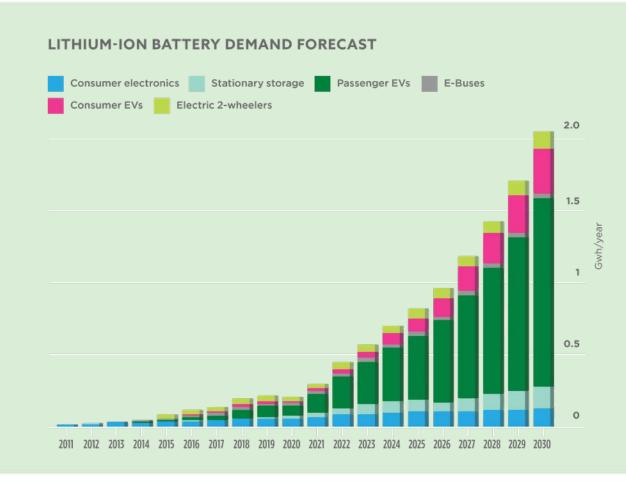
¹ Deloitte outlook 2020-2030 ² International Energy Agency, 2023



EV sales to fuel lithium-ion battery demand

EVs expected to be 35% of all vehicle sales in ten years – 13x increase



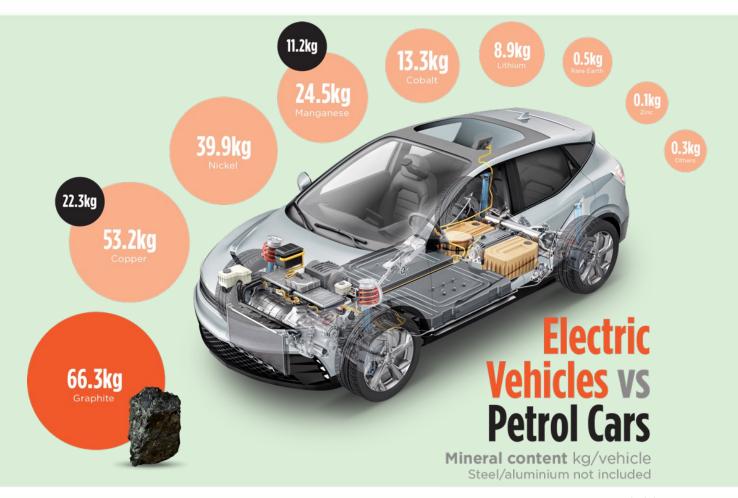


¹ International Energy Association EV Outlook 2023



Graphite dominates the lithium-ion battery anode despite cathode formulation

- Graphite makes up 95% of the anode in a lithium-ion battery...
- ...up to 10x more graphite than lithium
- ~1kg of graphite is required for 1kwh
- Currently, almost every kilogram of battery anode material is processed through China

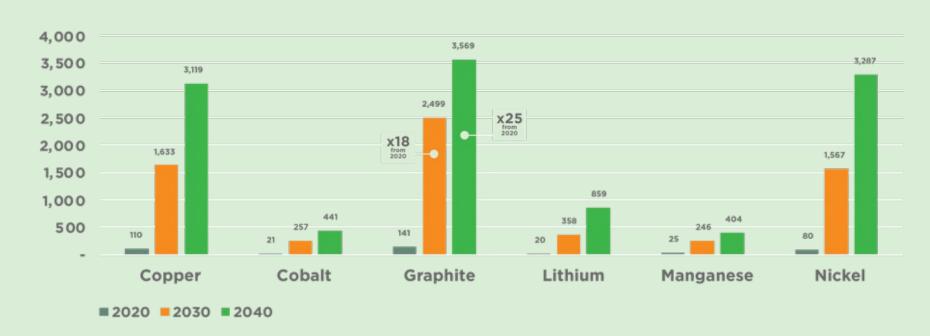


¹ International Energy Association EV Outlook 2023





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



• "97 new natural flake graphite mines needed by 2035" - Benchmark Minerals Intelligence

Corporate Overview







Capital Structure	IG6
Shares on issue	165.2M
Market capitalisation as at 30 April 2023	\$38.0M
Cash in bank (31 March 2023)	\$2.2M
KMP Options (5 year term, ex price \$0.30 -\$0.40/share)	8.0M
Advisor Options (3 year term, ex price \$0.30/share)	6.2M
Performance rights with various milestone and share price hurdles to KMP	9.6M
Comet Resources Limited	24%
Board and management (fully diluted)	41%



Developing a high quality graphite resource at Hopetoun, Western Australia
The world needs new graphite mines





Key characteristics

- Drilling 20,465m completed with four new graphite discoveries in 2022-23
- 100% owned covering 168km² with three licenses –
 2x granted exploration, 1x granted prospecting + 1 exploration under application
- Cleared agricultural land
- Existing resource includes high grade mineral component
- Significant graphite anomalies identified by aeromagnetic survey by previous owners. Untested prior to acquisition.
- Shallow mineralisation oxide transition to fresh rock
- Fine flake only requires conventional flotation circuit to produce a 95% TGC concentrate
- Material suitable for battery anodes evidenced by independent testwork in Germany
- Permitting commenced

Springdale Graphite Project Inferred Mineral Resource Estimate –2% TGC cut-off JORC 2012 (1)

Domain	Tonnes (Mt)	Density (t/m3)	Graphite (TGC%)
High grade	2.6	2.1	17.5
Low grade	13.0	2.2	3.7
Total Resource	15.6	2.2	6.0



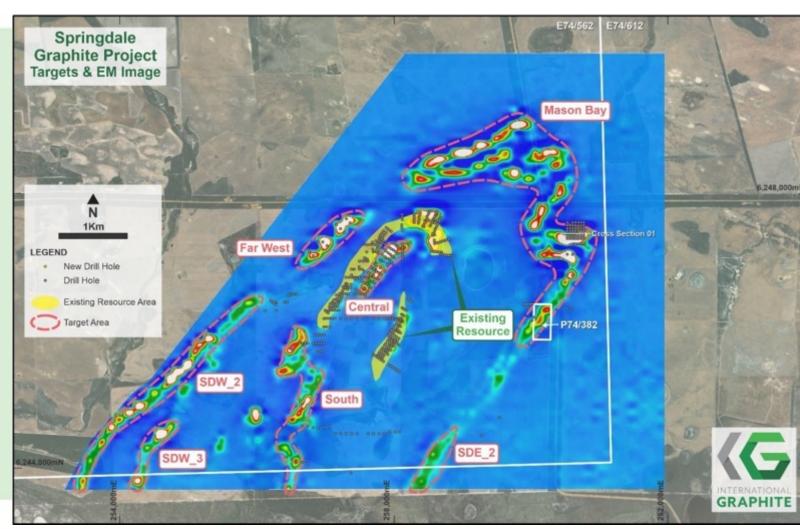


Refer the Company's prospectus dated 21 February 2022 as updated by the Supplementary Prospectus dated 4 March 2022 for further details regarding the Mineral Resource Estimate, including the Independent Technical Assessment Report prepared in respect of the Springdale Graphite Project



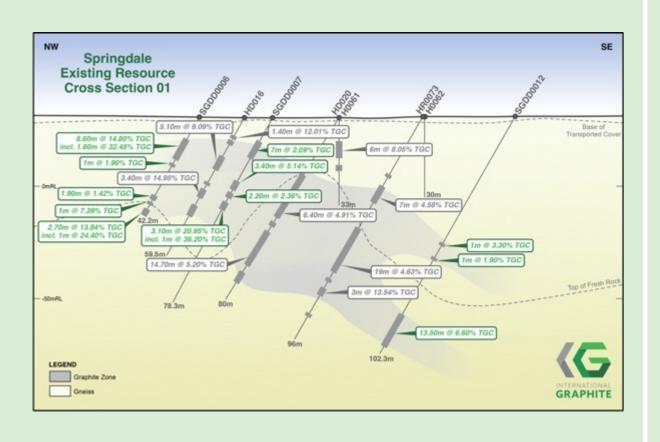
Exploration success with more substantial targets likely to add significant resources over time

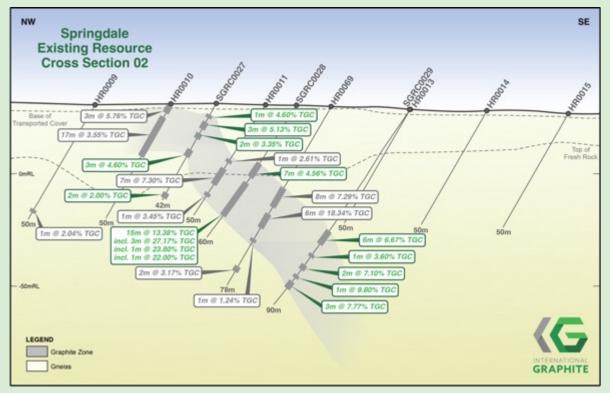
- ~20,465m of drilling completed by IG since June 2022, building on 7,900m of previous drilling
- Four new graphite discoveries in 2022-23
- Drilling confirms high grade domains in existing resource model and block model performance
- Flotation testwork confirms
 97%+ concentrate grade with graphite recoveries > 93%
- Highly prospective with aeromagnetic survey identifying significant graphite anomalies yet to be explored
- Updated mineral resource estimate due Q2 2023





Typical cross sections from diamond and RC drilling within the existing Mineral Resource – shallow, open at depth

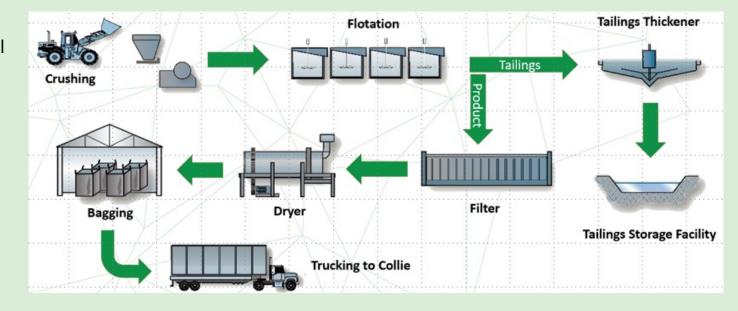






Target operations – subject to confirmation through feasibility studies

- Design subject to feasibility studies
- Ore mining target of 250ktpa-500ktpa to be determined by updated mineral resource model and grade / tonnage profile
- Concentrate production target of 40-50ktpa
- Shallow, multiple open pits
- Targeting weathered/oxide zone of mineralisation
- Strip ratio likely to be <5:1
- Primarily free dig with limited drill and blast
- Small conventional mining equipment
- Day shift mining operations only
- Off the shelf concentrator plant readily available



Collie Downstream Processing

Western Australia's first fully integrated mine-to-market producer of graphite battery anode material

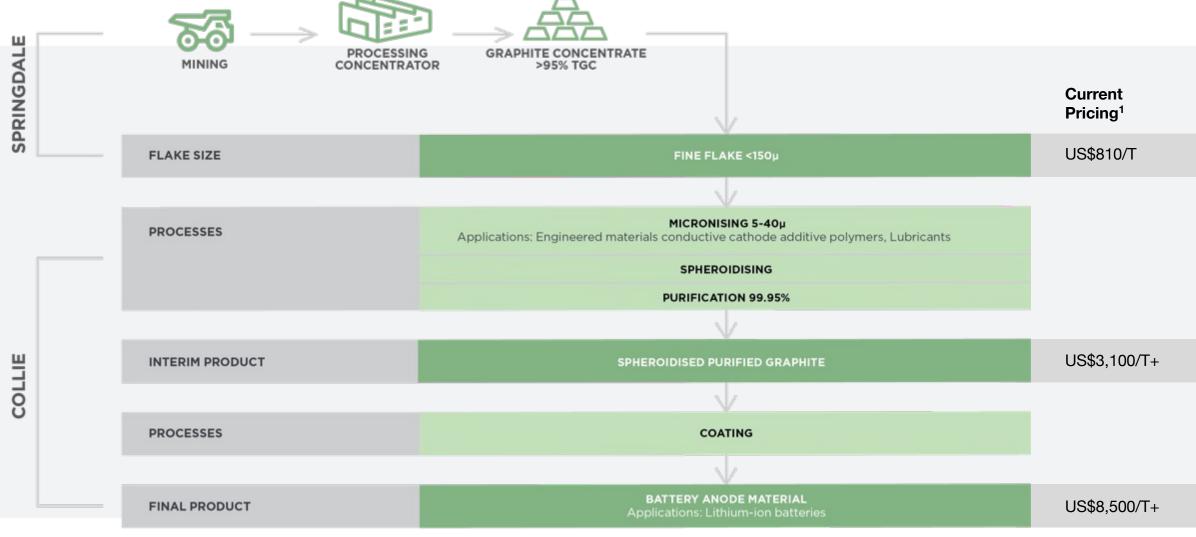
COLLIE DOWNSTREAM
PROCESSING

Western





Capturing full resource value



¹ FOB China Benchmark Intelligence – January/February 2023



The Collie advantage

Emerging battery and renewable energy hub with \$662M WA Government investment in new industry

- Southern end of WA's main industrial strip with strong focus on power and critical minerals
- 200km from Perth and 450km from Springdale on sealed roads
- Established infrastructure and road/rail transport from mine to port
- Skilled workforce and training facilities
- \$200M Collie Industrial Transition Fund part of an unprecedented Government commitment to the region
- South West interconnected power grid being supported by renewable energy build out





Collie Graphite R&D Facility

First facility establishes a presence in Collie with pilot scale equipment

- \$2.5M spent in Collie to date establishing pilot scale micronising, spheroidising mills and purification equipment
- Plant one of the first and most advanced of its kind in Australia
- Product testing commenced in 2022 with imported concentrates used to assess the conditions for micronising and spheroidising to market acceptable specifications
- First sample product achieved in September 2022
- Sizing and distribution of spheroidised graphite product achieve standards for battery anode material
- Qualification scale micronising plant has been ordered (~\$1.4M) and set to be delivered in Q3 2023
- JTSI \$2M grant awarded















Collie Graphite BAM Facility

Scoping Study shows outstanding results and development pathway

- Scoping Study* completed to Association for the Advancement of Engineering (AACE) Class 5 with a nominal level of accuracy of ± 35%
- Facility capable of receiving 40kt/y of graphite concentrates
- Planned flowsheet involves graphite micronising, spheroidising and non-HF chemical purification, to produce uncoated spheroidised purified graphite (USPG), then carbon coating to produce coated spheroidised purified graphite (CSPG)
- Plant designed in modules and as two parallel lines enabling the project to be implemented in stages. Initially USPG product could be produced with coating facilities added to produce CSPG
- Scoping Study based on the purchase of graphite concentrates from third party sources. When Springdale has advanced to sufficient level of detail to allow forecasts to be published, the Scoping Study will be updated integrating Springdale

	Unit	CSPG Project	USPG Project
Annualised finished product	Kt/y	18.6	20.0
Annualised micronised by-product	Kt/y	17.0	17.0
Pre-tax/pre finance NPV ₁₀	US\$'M	626	290
IRR	%	41	48
Capital cost estimate	US\$'M	222	87
Operating cost estimate net of by- products	US\$/t product	3,175	2,029
Average annualised revenue	US\$'M	172	95
Average annualised EBITDA	US\$'M	100	43



Collie Graphite Micronising Facility

Springboard to early cashflow and a market for BAM by-products

Rationale

- Micronised products are a by-product from BAM flowsheet
- Facility would develop markets critical for placement of BAM by-products and develop operations skills
- Cashflow generation prior to BAM facility

Description

- Nominal capacity 4-5ktpa depending on graphite size fractions and target markets
- Capex forecast A\$12.5M
- Concentrate source imported feed
- Turnover US\$12M+ per annum, margins US\$5M+ per annum

Timeframe

- Qualification plant ordered due for delivery in Collie June 2023
- Commissioning and product quality / sales initiatives Q3, 2023
- Final investment decision H2, 2023
- Operations commence Q3 2024



ESG commitment across the supply chain

- Promoting sustainability along the value chain with mine to market oversight in Western Australia
- Smaller carbon footprint 450km road haul means transport efficiency, reduced cost and waste
- Maximise use of available green energy from South West Interconnected System
- Contributing to the growth and development of regional communities
- Creating jobs and in Collie
- Community partnerships in sport, art and education eg Einstein-First with UWA
- Demonstrating best practice in reporting and compliance

IG6 offers a unique ESG platform for battery manufacturers – critical in their search for raw materials





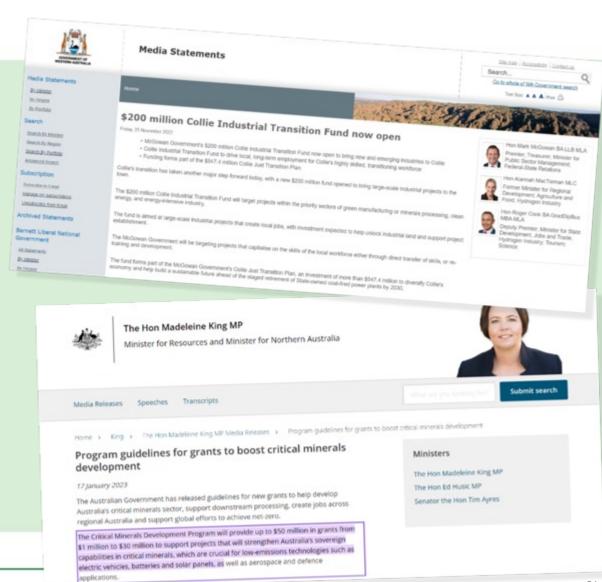




Government backing for battery minerals

Potential for additional investment in IG6

- Australia aspires to be a battery minerals superpower
- \$200M Collie Industrial Transition Fund announced by the WA Government 25 November 2022
- \$50M Critical Minerals Development Program announced 17 January 2023 by the Australian Federal Government
 - Feasibility funding
 - R&D tax rebates
- Australian Export Finance Agency proven debt financiers of sovereign graphite developers





Expert professional team

Strong technical focus with decades of graphite experience



Phil Hearse



Andrew Worland
Managing Director & CEO



David Pass Chief Technical Officer



Robert Hodby CFO & Company Secretary



Jasbir Khosa Principal Process Engineer



Marie Howarth
Director Marketing & Communication



Greg Entwistle



Josh Hearse Project Manager



Darren Sparks Exploration Manager



John Tollis



Kathy Miller



Mick Murray
Community Relations Advisor Co













Stay tuned for...

- Springdale resource and exploration drilling results –
 ~10,000 samples currently with assay laboratory
- Revised mineral resource estimate for Springdale
- Site selection for Collie Graphite BAM Facility
- Arrival of Collie Graphite Micronising Facility qualification scale plant, installation and commencement of customer qualification
- Springdale mine planning and ore reserve estimation
- Preparation of bulk concentrate samples at Springdale for downstream processing testwork
- Participation in government funding programs





- Graphite critical for electric vehicles, storage and global decarbonisation
- Supply deficits inevitable
- The right assets in the world's best location
- High calibre team
- Supportive governments and communities
- Demonstrating the highest standards of ESG
- Aiming to capture full value from the natural graphite resource

A rare high value opportunity for global participants in the electrification of world economies

Disclaimer

Pursuant to 'ASX interim guidance: Reporting scoping studies', International Graphite provides the following commentary:



1 – Include all information required by the Listing Rules

Note that The Collie Graphite BAM Facility Scoping Study does not rely upon estimated ore reserves / and or mineral resources. Graphite concentrate feedstock for the proposed Collie Graphite BAM Facility has been assumed to have been purchased directly from miners currently producing graphite concentrates or marketing agents or traders currently purchasing graphite concentrates and selling to the downstream processors. Ultimately the Company's 100% owned Springdale Graphite Project would be a source of graphite concentrate for the facility, however this is subject to the completion of feasibility studies at Springdale. Accordingly the JORC Code is not relevant to this study nor are Listing Rules 5.16 and 5.17 to the extent to which they relate to matters concerning JORC.

2 - Reasonable grounds for any forward-looking statements

This release contains "forward-looking information" that is based on the Company's expectations, estimates and projections as of the date on which the statements were made. This forward-looking information inclides, among other things, statements with respect to studies, the Company's business strategy, plan, development, objectives, performance, outlook, growth, cash flow, projections, targets and expectations. Generally, this forward-looking information can be identified by the use of forward-looking terminology such as 'outlook', 'anticipate,' 'project', 'target', 'likely', 'believe', 'expect', 'intend,' 'may', 'would', 'scheduled', 'will', 'plan,' forecast,' 'evolve' and similar expressions. Persons reading this news release are cautioned that such statements are only predictions, and that the Company's actual future results or performance may be materially different. Forward-looking information is subject to known and unknown risks, uncertainties and other factors that may cause the Company's actual results, level of activity, performance or achievements to be materially different from those expressed or implied by such forward-looking information is developed based on assumptions about such ranks, uncertainties and other factors steat may cause the Company's actual results, level of activity, performance or achievements to be materially different from those expressed or implied by such forward-looking information. Forward-looking information is developed based on assumptions about such ranks, uncertainties and other factors set out herein, including but not limited to general business, economic, competitive, political and social uncertainties; the actual results of current development activities; conclusions of economic evaluations; changes in project parameters are only the reference of the reference in the company of functions and the risks of the chemical industry; and delays in obtaining governmental approvals or financing or in the completion, portained in the completion of development or constructio

3 - Disclose all material assumptions

All material assumptions in the Scoping Study have been described in this release in the section titled Collie Graphite BAM Facility Summary including Material Assumptions.

4 – Cautionary Statement

The Collie Graphite BAM Facility Scoping Study has been completed in accordance with AACE Principles to a Class 5 level with a nominal level of accuracy of ± 35%. The Scoping Study referred to in this announcement has been undertaken to assess the potential technical feasibility and economic viability of constructing and operating facilities capable of producing battery anode materials for use in lithium-ion batteries and by-products from those units of operations and provide baseline financial metrics to consider future investment decisions.

It is a preliminary technical and economic study of the potential viability of the Collie Graphite BAM Facility. It is based on low level technical and economic assessments that are not sufficient to provide definitive assurance of an economic development case, or to provide certainty that the conclusions of the study will be realised. Further evaluation work including in process flowsheet and units of operation would be required before International Graphite will be in a position to determine the viability of the Collie Graphite BAM Facility and accurately define the business potential. Given the uncertainties involved, all figures, costs, estimates quoted are approximate values and within the margin of error range expressed in this announcement. The operating parameters and economic estimates are representative of a 100% owned interest in the Collie Graphite BAM Facility, support the estimation of ore reserves.

The Scoping Study is based on the material assumptions outlined including that it has been completed in accordance with AACE Principles to a Class 5 level with a nominal level of accuracy of ± 35%, that the financial forecasts rely upon the purchase of third party graphite concentrates as the feedstock for the plant (ultimately the Company's 100% owned Springdale Graphite Project would be a source of graphite concentrate for the facility, however this is subject to the completion of feasibility studies at Springdale) and about the availability of funding. While International Graphite considers all of the material assumptions to be based on reasonable grounds, there is no certainty that they will prove to be correct or that the range of outcomes indicated in the Scoping Study, funding in the order of US\$87 million - \$222M will likely be required depending upon the development scenario outlined in the Scoping Study that is pursued. Investors should note that there is no certainty that International Graphite will be able to raise that amount of funding when needed. It is also likely that such funding may only be available on terms that may be dilutive to or otherwise affect the value of International Graphite's existing shares. It is also possible that International Graphite concentrations based solely on the results of the Scoping Study.

5 - Fair and Balanced Summary of Scoping Study

This release outlines the results, material assumptions, risks and sensitivities identified in the Collie Graphite BAM Facility project.

6 - Reporting the results of a scoping study in a headline

Headlines do not report results.

7 – Reporting the results as a realistic range

Where appropriate all the results reported in this release have been given a range and are qualified by terms such as 'approximately'.

8 - Disclosure of a 'value per share'

No information has been disclosed on a value per share.

9 - JORC terminology

JORC terminology is not relevant to this release.

IG6 is on track to be Western Australia's first fully integrated mine-to-market producer of battery anode graphite – building Australia's capability in critical minerals and an ethical supply to support global decarbonisation and the transition to renewable energy.

International Graphite Limited

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