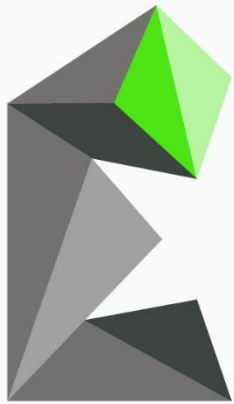


ASX: **KNG**



KINGSLAND
MINERALS

Developing Australia's Tier 1 Graphite Deposit

April 2025

Resources Rising Stars Conference – Adelaide



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► Why invest in Kingsland Minerals?



Kingsland 100% owns the Leliyn Graphite Project in the NT which hosts **Large graphite deposit at 192.5Mt @ 7.3% TGC**



Leliyn Exploration Target of 700Mt – 1,100Mt @ 7-8% TGC highlights globally significant scale of the 20km graphitic schist



Successful metallurgical testwork delivered **graphite flake concentrate >94% TGC**



Mineral Resource is near surface and amenable to very efficient and productive **open pit mining techniques with a very low strip ratio**



250km from Darwin port with rail/road access is an **ideal location to export product to Asia Pacific trade partners** (Japan, South Korea, etc.)

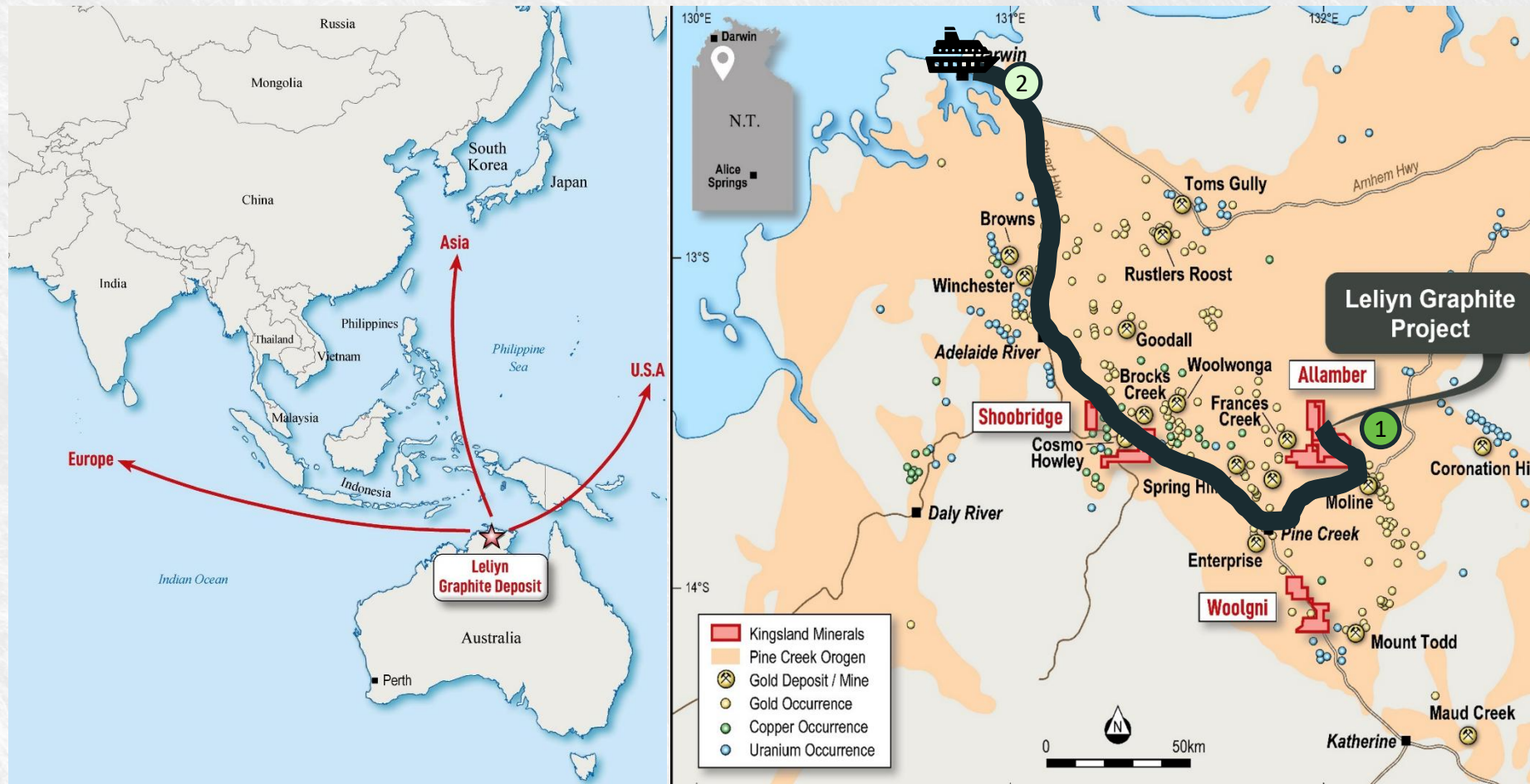


Strategic partnership with Quinbrook Infrastructure Partners to develop downstream processing capability in Darwin

Globally significant graphite project in a tier one mining jurisdiction

Australian Graphite Deposits

Leliyn is ideally located **with access to Darwin and International markets**



Excellent location in the Pine Creek mining district

250km from Darwin Port with rail/road access

Existing infrastructure with a long history of mining and exploration

Leliyn is ideally placed to export graphite products to Asian, North American and European markets

Kingsland will investigate access to government funding (NAIF, CMDP, etc)

STAGE 1

Production of flake graphite concentrate at Leliyn

Deliver flake graphite concentrate to Darwin at as low a price as possible with targeted superior ESG credentials

STAGE 2

Production of refined graphite products in Darwin

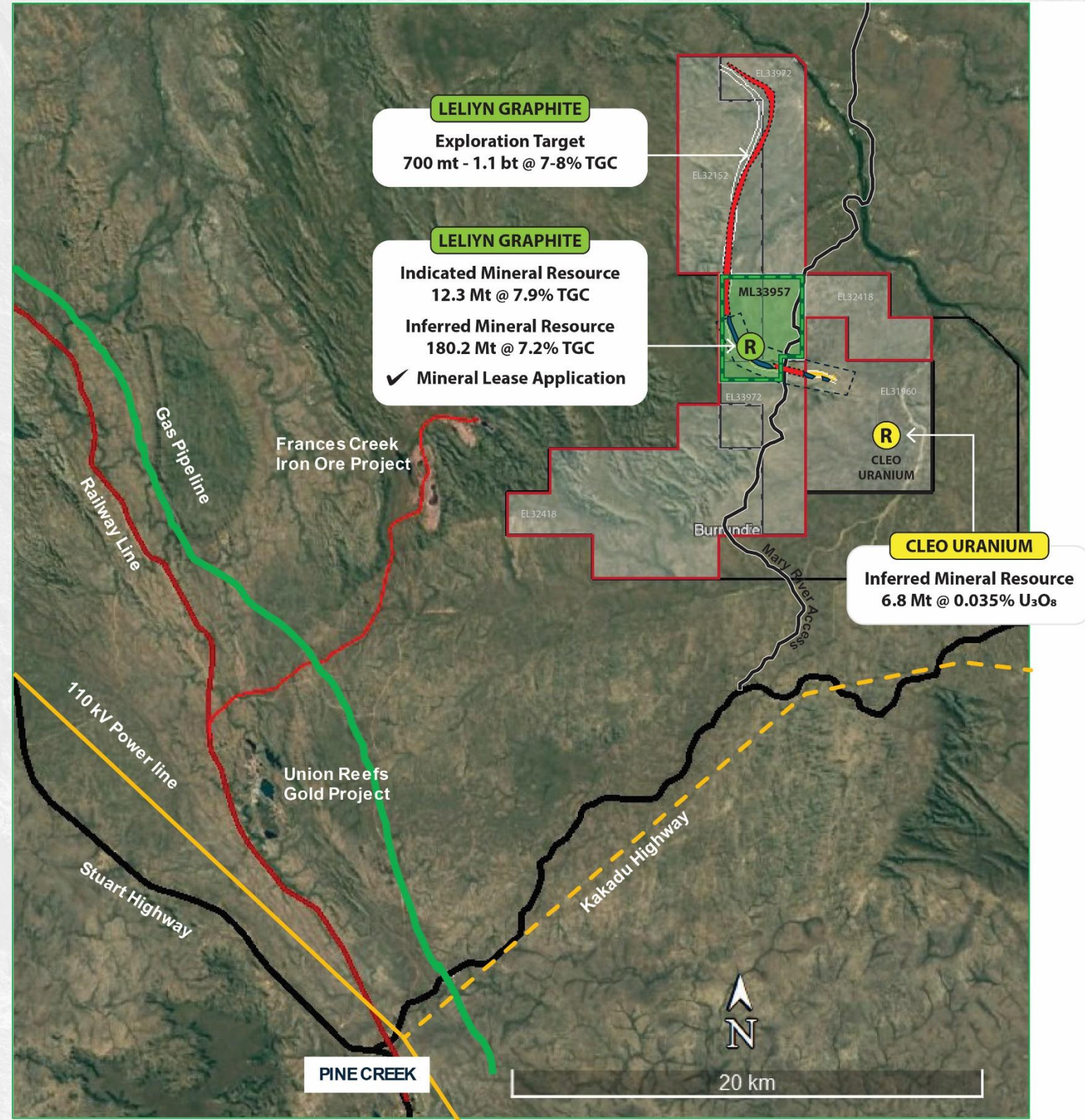
Downstream processing in Darwin to produce refined graphite products for consumption in Australia and/or overseas

Infrastructure in Place

Existing Infrastructure

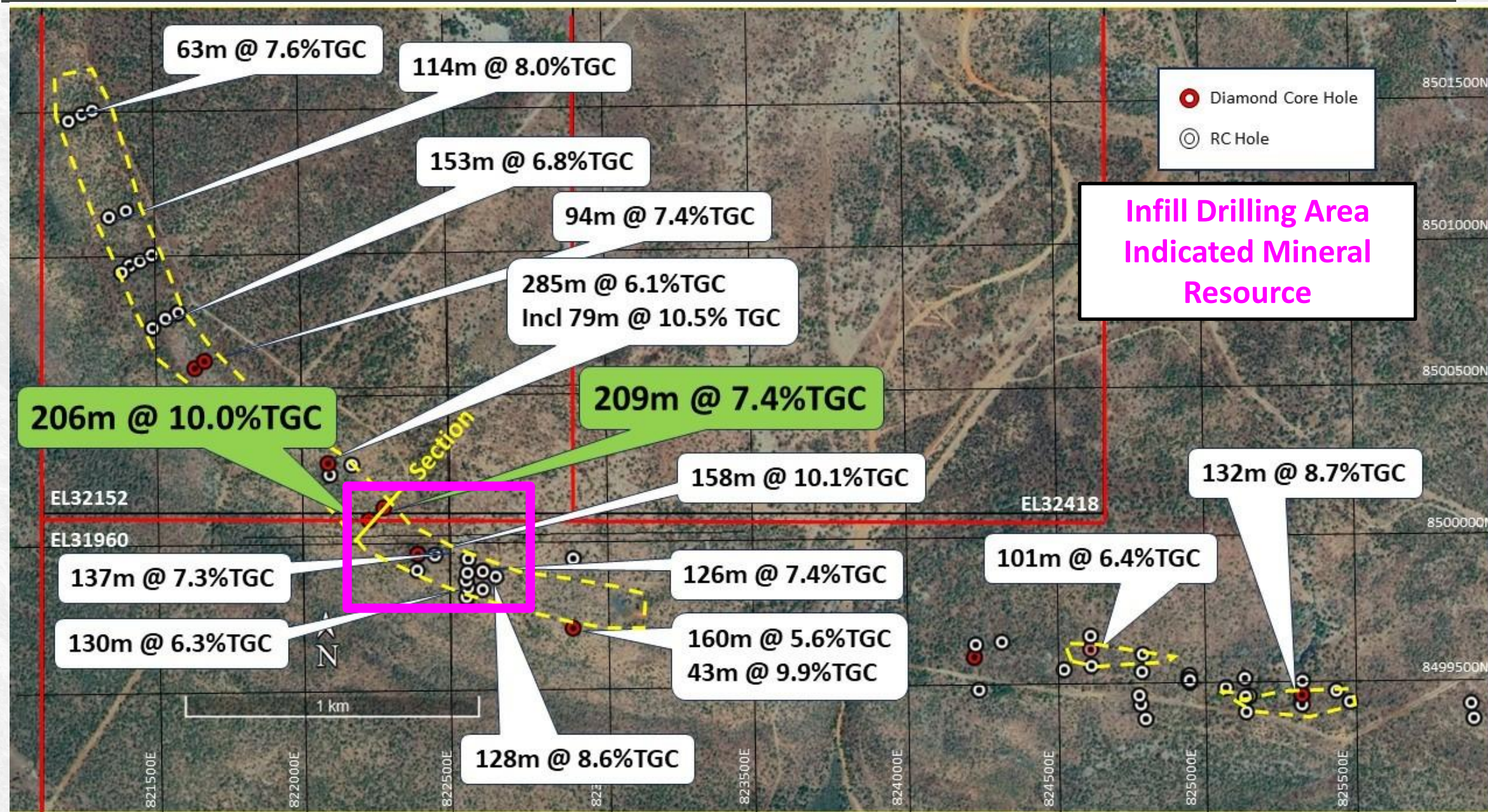
- ✓ Rail loading area used for Frances Creek Iron Ore Mine in 1970's
- ✓ Haulage road from Frances Creek to rail loading area.
- ✓ Sealed Kakadu and Stuart Highways
- ✓ 110 kV power line
- ✓ Gas pipeline
- ✓ Pine Creek, accommodation, fuel etc

Frances Creek Iron Ore Mine, Union Reefs Gold Project are not assets of Kingsland Minerals Ltd



Leliyn Graphite Project

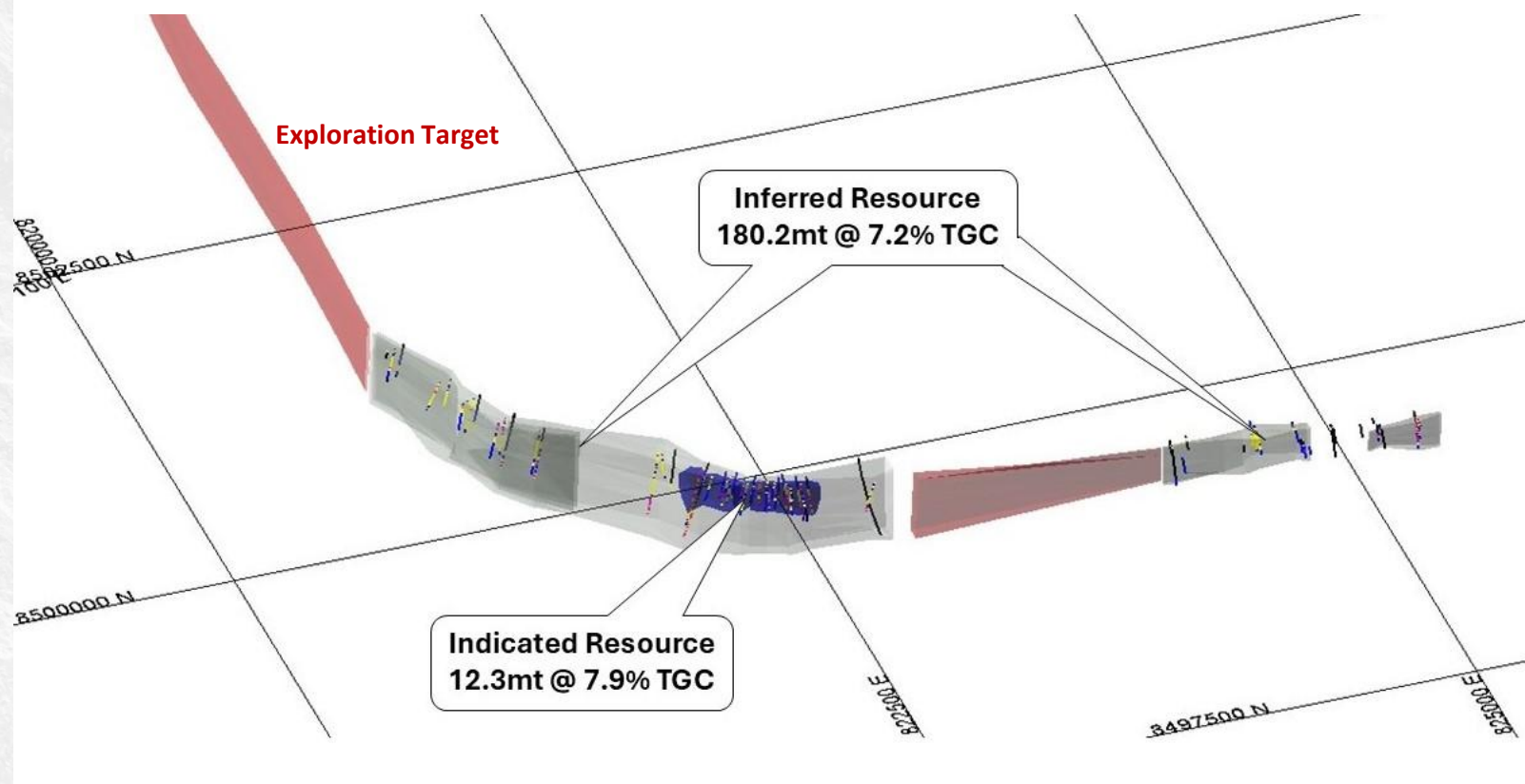
Mineral Resource Area with drilling to date and location of cross-section



Leliyn Graphite Project

Indicated Mineral Resource

Classification	Tonnes	Grade % TGC	Tonnes Graphite
Indicated	12,300,000	7.9	1,000,000
Inferred	180,200,000	7.2	13,000,000
TOTAL	192,500,000	7.3	14,000,000



Infill drilling only targeted a 600m long section of graphitic schist

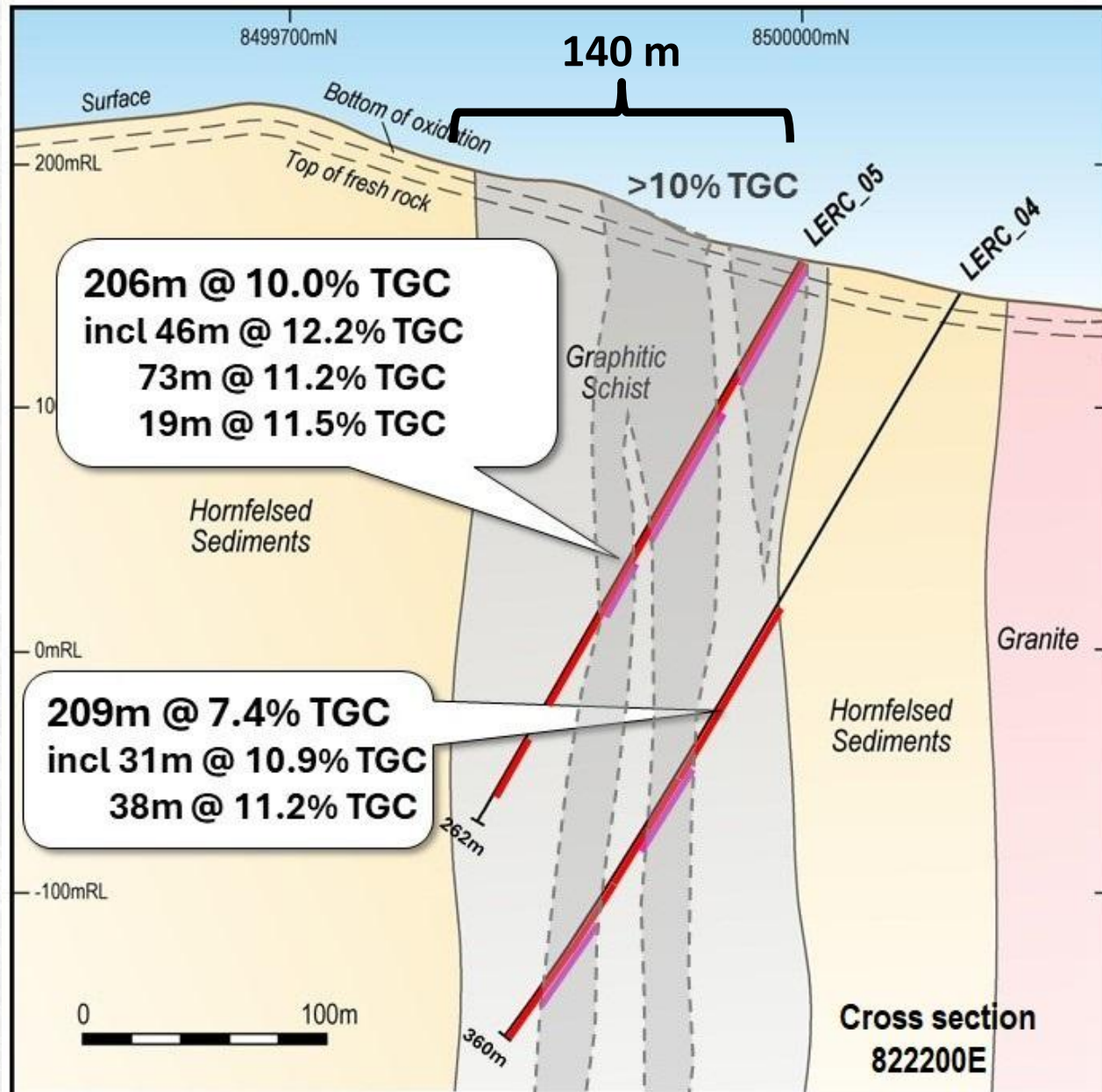
At this stage only focussed on small area to assess economic viability through scoping study

Positive results of scoping study will lead to a scaled-up assessment of project

Financial prudence at the early stage. Prove viability first before committing to more advanced studies

Maiden Mineral Resource Estimate

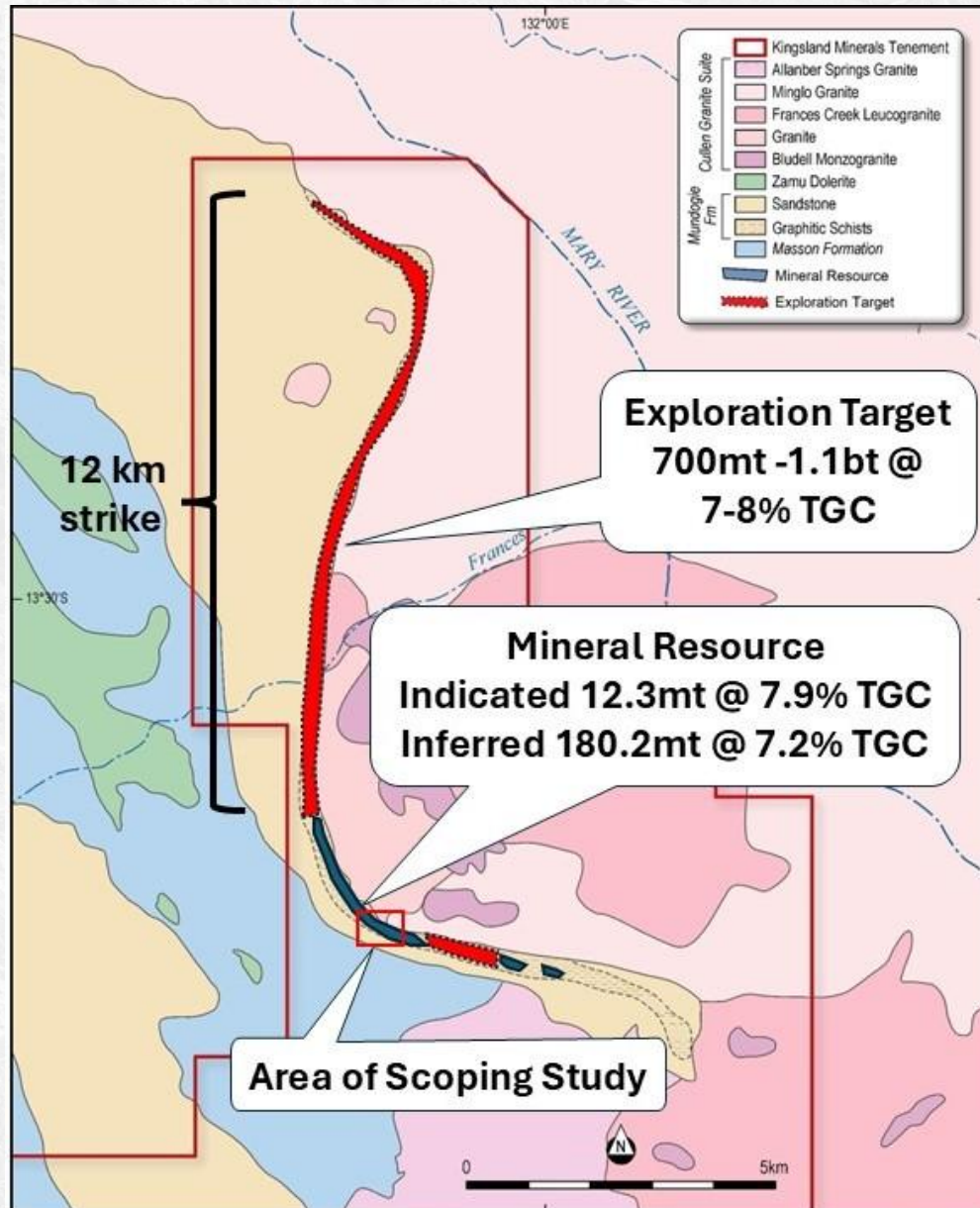
Leliyn is Australia's largest graphite deposit – **with exceptional upside**



- Updated Mineral Resource of 192.5mt @ 7.3% TGC containing 14.0Mt graphitic carbon released in April 2025
- Massive upside along remaining 16km of strike for additional resources
- Outcropping mineralisation up to >100m wide on surface
- Amenable to very efficient and productive open pit mining techniques with a very low strip ratio
- Mineralisation is continuous along strike and at depth
- Leliyn delivered some of the best graphite intercepts globally during its CY2023 drill program
 - ✓ 206m @ 10.0% TGC from 0m
Incl. 46m @ 12.2% TGC from 31m and 73m @ 11.2% TGC from 67m
 - ✓ 209m @ 7.4% TGC from 154m
Incl. 31m @ 10.9% from 237m and 38m @ 11.2% TGC from 314m

Updated Exploration Target

Leliyn is a globally significant graphite deposit – **ability to optimise resource**



- Updated Exploration Target of 700 – 1,110Mt @ 7-8% TGC for 50-90Mt of contained graphitic carbon released in June 2024
- Only 25% (4.7km) of total graphitic schist unit has been drilled, identifying the largest graphite resource in Australia
- 75% (13.5km) remains untested demonstrating considerable upside to significantly increase mineral resource tonnage
- Given the potential significance of the MRE, testing work is prioritised to strategically de-risk the project before increasing the scale
- Ability to optimise flake characteristics within remaining ~14km of strike

Leliyn Graphite Project Exploration Target

Tonnes (t)	Grade (% TGC)	Contained Graphite (t)
700 million -1.1 billion	7% - 8%	50 million – 90 million

The quantity and grade of the Exploration Target for the Leliyn Graphite Project is conceptual in nature, there has been insufficient exploration to estimate a Mineral Resource and it is uncertain if further exploration will result in the estimation of a Mineral Resource.

Leliyn Graphite Metallurgical Test-work

Flotation test-work has produced a commercial grade concentrate >94% TGC

Important milestone as metallurgical testwork proves that Leliyn can produce a marketable product.

Test-work ongoing to optimise flotation flowsheet.

Bulk concentrate sample sent to Germany for further test-work for production of purified, spherical graphite.

Leliyn is predominantly fine flake, more suitable for battery applications

STAGE 1

Production of flake graphite concentrate at Leliyn

Deliver flake graphite concentrate to Darwin at as low a price as possible with targeted superior ESG credentials

Met Testwork



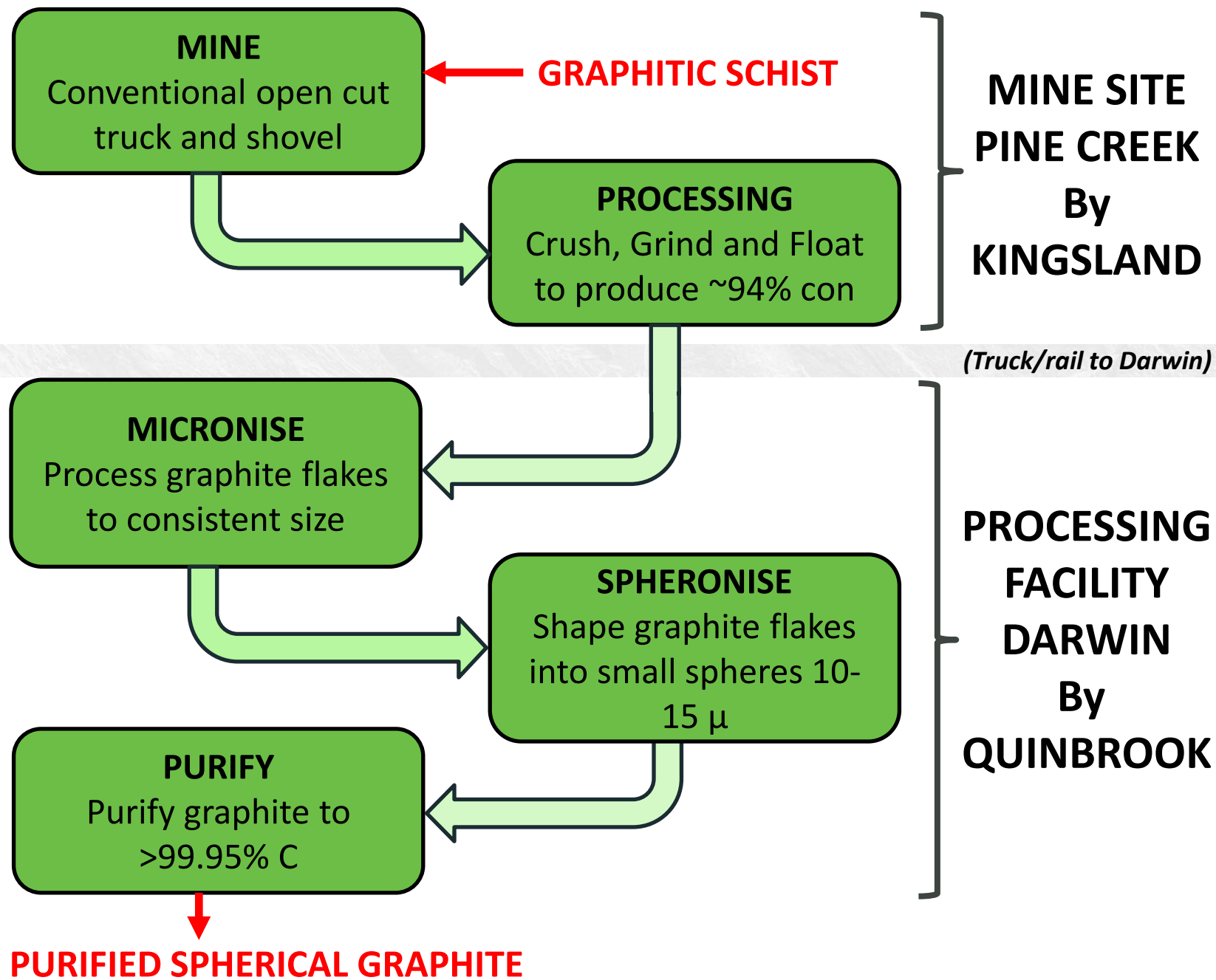
STAGE 2

Production of refined graphite products in Darwin

Downstream processing in Darwin to produce refined graphite products for consumption in Australia and/or overseas



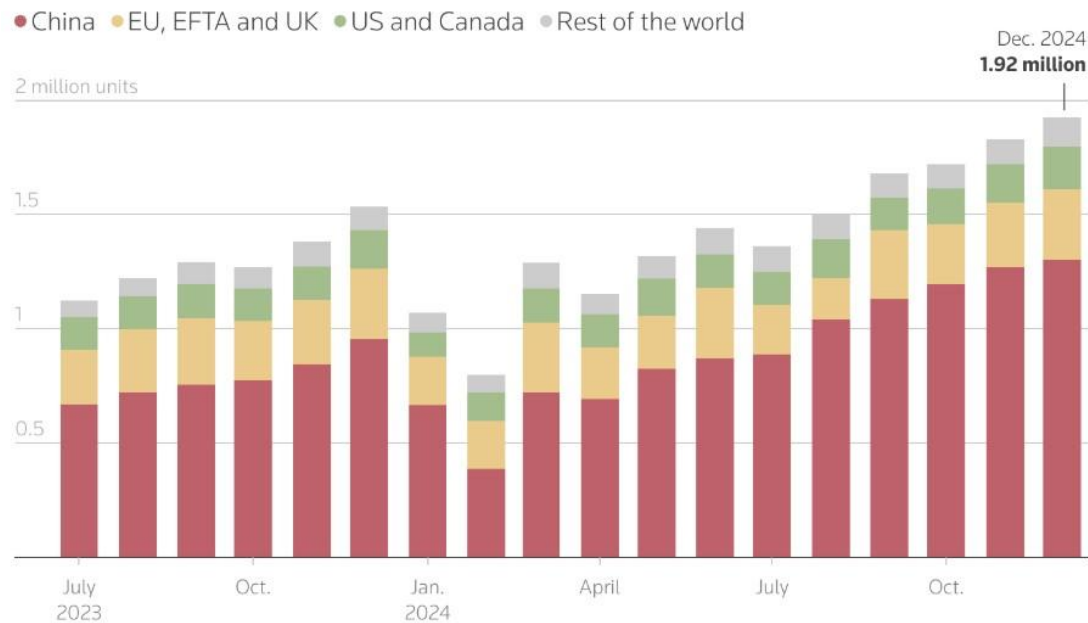
Leliyn Graphite Processing



Graphite Demand driven by Electric Vehicles and Battery Energy Storage Systems

EU, UK, China ban ICE by 2035 | **nearly 10% of new car sales in Aust are EV's or PHEV's¹**

Increasing EV car sales
will drive increasing graphite demand



Source: Rho Motion | Reuters, Jan. 13, 2025 | By Sumanta Sen

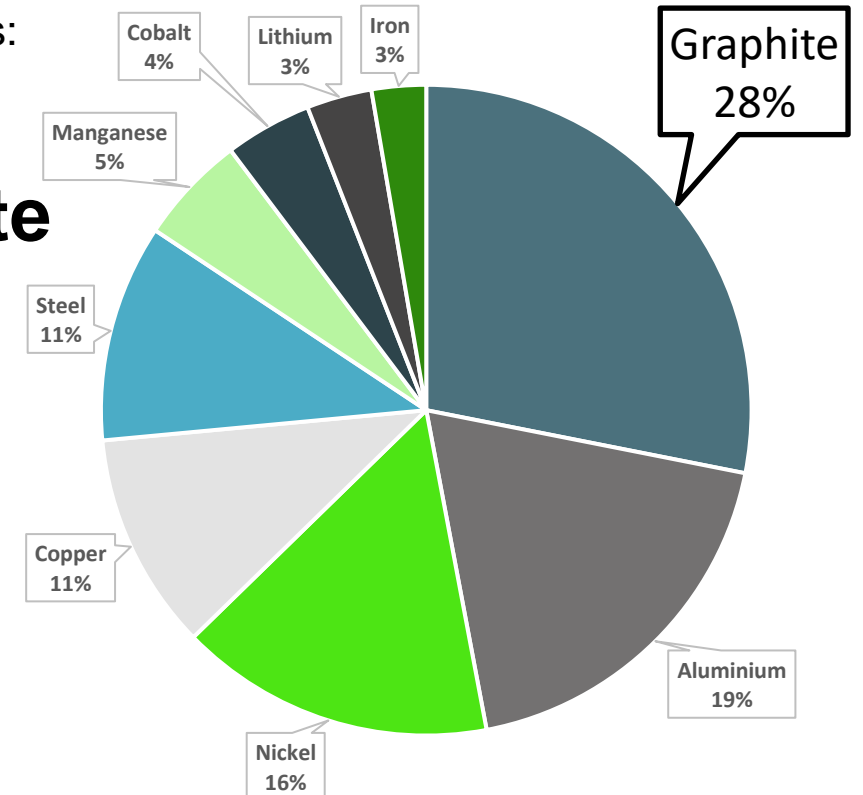
1. 91,292 EV (7.4% of total new car sales)
23,193 Plug-in hybrid (1.8% of new car sales)
RACV 14 January 2025

[Australia's best-selling cars, utes and SUVs for 2024 | RACV](#)

Typical EV battery contains:

52kg Graphite

35 kg Aluminium
29 kg Nickel
20 kg Copper
20 kg Steel
10 kg Manganese
8 kg Cobalt
6 kg Lithium
5 kg Iron



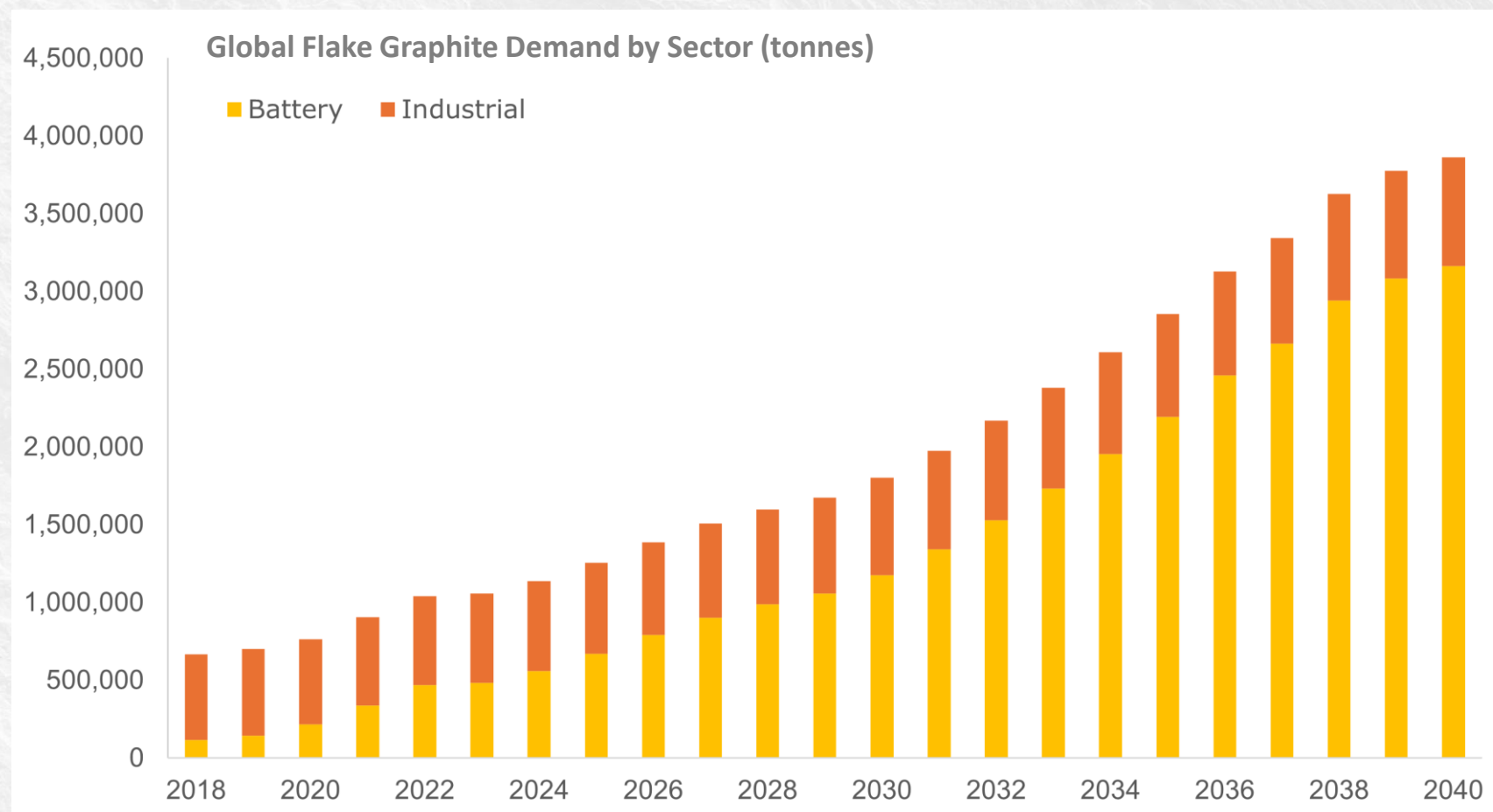
Source: www.elements.visualcapitalist.com

There is more graphite than anything else

Graphite demand will be driven by EV battery use and Battery Energy Storage Systems (BESS). Internal combustion engines (ICE) phased out by 2035 in EU, China and UK.

Graphite Demand driven by Electric Vehicles

EV's driving demand growth – demand to outstrip supply



Battery market to grow from current ~55% of total graphite demand to 70% in 2030 and 85% in 2040.

Increased demand combined with supply limitations will lead to increased prices for flake graphite.

Benchmark Mineral Intelligence Q1-2025

Graphite Demand driven by Large Scale Storage

BESS driving demand growth – demand to outstrip supply

Quinbrook looks to build world's first 'genuine' eight-hour battery storage system

The manager has unveiled a \$3.5bn plan to deploy more than 3GW of long-duration battery storage across Australia.

Tom Taylor - 6 March 2025

Infrastructure Investor

Quinbrook plots \$3.5b investment in giant batteries

Angela Macdonald-Smith *Senior resources writer*

Mar 6, 2025 - 7.00am

The junior partner in Mike Cannon-Brookes' \$40 billion Sun Cable venture has unveiled a \$3.5 billion investment in eight-hour batteries, a plan it says will slash the cost of round-the-clock clean power for heavy industry and data centres.

The 3 gigawatts of batteries – with about 24 gigawatt-hours of storage – are to be installed by Quinbrook Infrastructure Partners, kicking off with an expansion of the firm's Supernode data storage project in Brisbane targeted for the end of next year.

Australian Financial Review

Large Scale Battery Energy Storage Systems to provide grid stability.

Power for large Data Storage centres.

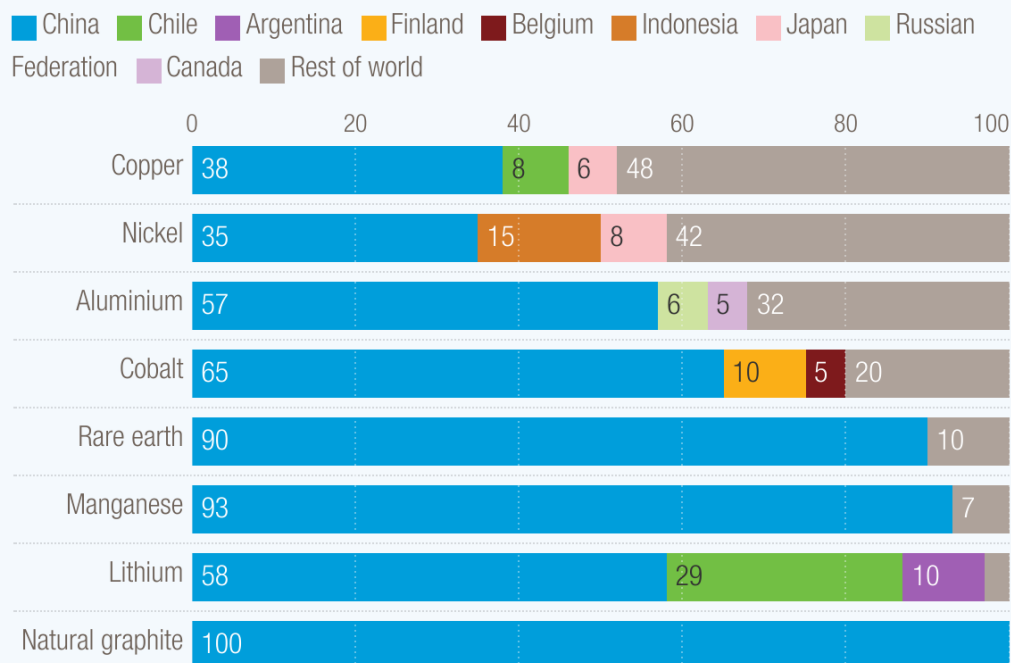
Quinbrook leading the way for these facilities in Australia.

Graphite Supply

Public policy driving procurement of **graphite supply outside of China**

China leads in critical mineral processing

Share of top mineral processing countries in world total for selected minerals



Source: UN Trade and Development (UNCTAD), based on OECD (2023a). Strengthening Clean Energy Supply Chains for Decarbonisation and Economic Security: OECD Report for the Group of Seven Finance Ministers and Central Bank Governors.

Public Policy & Initiatives

United States

Transition rules in place for graphite sourcing

- No graphite from FEOC (inc. China) from 2027
- OEMs must demonstrate how they will source compliant graphite from 2027 to qualify for IRA rebates

25% tariff on Chinese graphite

EU Critical Raw Materials Act

Not more than 65% of EU critical mineral demand to be sourced from a single non-EU country by 2030

Market now diversifying and seek ex-China natural and processed graphite sources

China introduced export controls for graphite products on 1 December 2023

► Strategic Partner – Quinbrook Infrastructure Partners (QIP)



Who are Quinbrook?

Quinbrook Infrastructure Partners is a specialist investment manager focused exclusively on the infrastructure needed to drive the energy transition in the UK, US, and Australia



What do Quinbrook do?

Quinbrook is led and managed by a senior team of power industry professionals who have collectively invested c. USD 5.6 billion of equity capital in 43.3 GW of energy infrastructure assets representing a total transaction value of USD 48.3 billion. Quinbrook is the development partner for the SunCable Project.



SunCable to Provide Renewable Energy to the Northern Territory

SunCable proposes to develop the world's largest renewable energy generation and battery storage precinct in the heart of the Northern Territory, and a 5,000km high voltage direct current (HVDC) system, to deliver up to 6GW of 24/7 green electricity to industrial customers in Darwin (stage 1) and Singapore (stage 2).



Exploring Downstream Processing Facilities in Darwin

SunCable is planned to provide renewable energy to power the Middle Arm Sustainable Development Precinct at Darwin. This is the planned location of the spherical graphite processing facility.

► Strategic Partner – Quinbrook Infrastructure Partners (QIP)

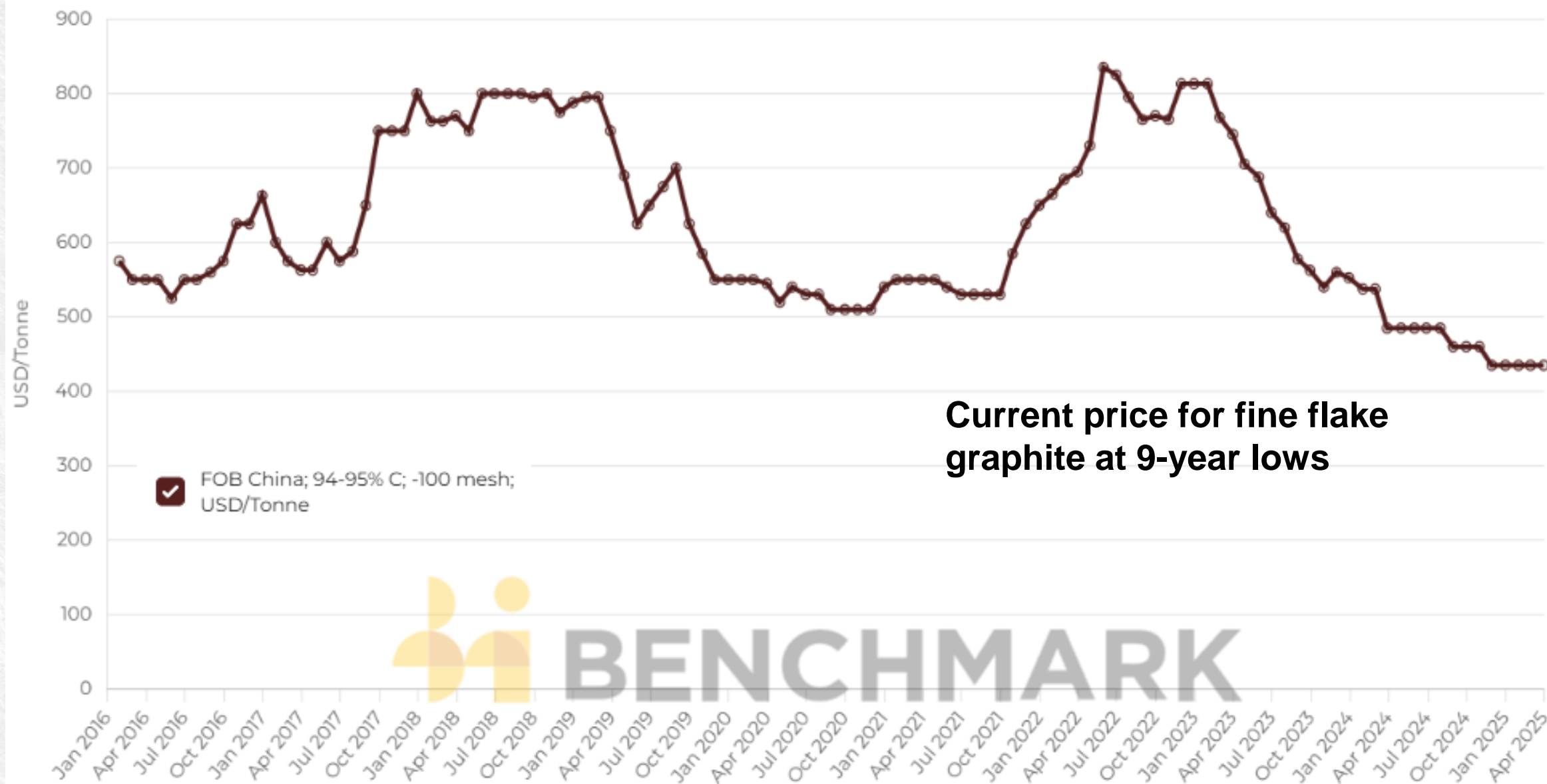
Rationale of investment

- Establishment of a domestic, integrated mining, processing and downstream processing stream
- Minimise jurisdictional risk: mining and downstream processing are both located in the Northern Territory
- Reduction of capital burden on Kingsland: KNG funds mine (flake graphite), Quinbrook funds downstream processing facility (purified, spherical graphite PSG)
- Provision of clean, efficient power through SunCable
- Agreements in place for off-take of flake graphite
- Agreements in place for provision of renewable energy sources

Transformational agreement to establish integrated mining, processing and advanced downstream processing facilities in the Northern Territory

Graphite Price

Graphite demand and supply constraints: **graphite price will respond**



► Kingsland Minerals – Going Forward

- ☒ **Indicated Mineral Resources Estimate Leliyn**
 - Infill drilling upgraded to Indicated classification
-

- ☒ **Marketable concentrate >94%**
 - Commercial grade concentrate at 80% recovery
-

COMMENCED
Due mid 2025

- ☐ **Advanced graphite metallurgy test-work**
 - Assess optimal end-use for graphite concentrate, suitability for EV battery use
-

COMMENCED
Ongoing 2025

- ☐ **Mining studies**
 - Pit optimization and design
 - Mining lease application
 - Plant flowsheet design
-

❖ **SCOPING STUDY - SECOND HALF 2025**

❖ **FEASIBILITY STUDY TO TIE IN WITH QUINBROOK DARWIN PROCESSING FACILITY**

► Leliyn Graphite



Globally significant
graphite deposit,
tier one project in a
tier one location



Leliyn has scale,
MRE Ind. and Inf.
of 192.5mt @
7.3% TGC



Leliyn has
location, NT
Australia is
ideal for export
to Asia

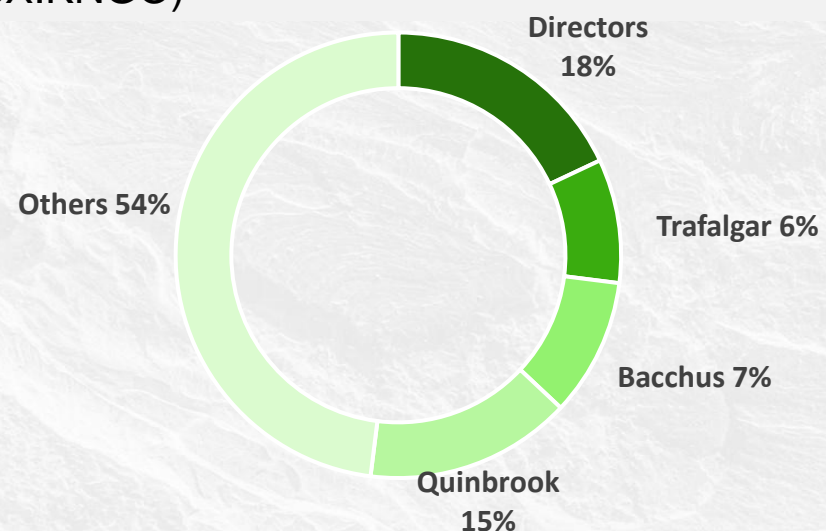


Strategic
Partnership
with a healthy
balance sheet

► Kingsland (ASX:KNG) Corporate Snapshot

Capital Structure

Share Price	\$0.12
Shares on Issue	72.6m
Market Capitalisation	\$8m
Cash ¹	\$2.4m
Enterprise Value	\$5.6m
Options on Issue (ASX:KNGO)	18.7m



1. Cash balance at 31 Dec 2024

Board of Directors



Richard Maddocks

Managing Director, MSc (Mineral Economics), BAppSc (Geology), Grad Dip (Finance & Investment), FAusIMM, GAICD

- Geologist with 30+ years of mining, development and exploration experience
- Geology Manager of large gold and nickel mines
- Experienced in business development, asset identification and resource estimation.



Bruno Seneque

Director, CFO, Company Secretary B Bus, CPA

- Corporate finance professional with 25+ years of experience
- Focused career of 23 years in the minerals industry
- Previously director of ASX listed Kairos Minerals operating in Pilbara of WA
- Significant experience as CFO of ASX listed explorers & mineral producers.



Nick Revell

Technical Director, BAppSc (Geology) MAIG

- Geologist with 30+ years mining and geology experience
- Significant experience in production and exploration of gold, base metals and uranium.
- Former director of several ASX listed companies.



Robert Johansen

Non-executive Director – Quinbrook nominee

- Qualified in mining engineering, commerce and law and has over 30 years' experience in the Australian and African minerals industry
- Rob has been Senior Director – Minerals for Quinbrook affiliate Private Energy Partners since April 2023 and is responsible for the formulation and execution of Quinbrook's Critical Resources Strategy.

Appendix 1- Australian Graphite Deposits

ASX Code	Deposit	Company	Country		TOTAL MINERAL RESOURCE			Measured			Indicated			Inferred		
				ASX Source	Tonnes	Grade TGC%	Contained Graphite	Tonnes	Grade TGC%	Contained Graphite	Tonnes	Grade TGC%	Contained Graphite	Tonnes	Grade TGC%	Contained Graphite
KNG	Leliyn	Kingsland Minerals Ltd	Australia, NT	ASX announcement 2 April 2025	192,500,000	7.3	14,000,000				12,300,000	7.9	1,000,000	180,200,000	7.2	13,000,000
RNU	Sivour	Renascor Resources Ltd	Australia, SA	ASX announcement 14 Sept 2023	123,600,000	6.9	8,500,000	16,900,000	8.6	1,400,000	56,200,000	6.7	3,800,000	50,500,000	6.5	3,300,000
IG6	Springdale	International Graphite Ltd	Australia, WA	ASX announcement 12 Sept 2023	49,300,000	6.43	3,168,300				11,500,000	7.5	862,500	37,800,000	6.1	2,305,800
BUX	Graphite Bull (Yalbra)	Buxton Resources Ltd	Australia, WA	ASX announcement 17 Feb 2025	20,700,000	10.8	2,244,000				7,600,000	11.6	882,000	13,100,000	10.4	595,200
ITM	Campoona	Itech Minerals Ltd	Australia, SA	ASX announcement 1 July 2024	35,150,000	5.99	2,104,000	320,000	12.7	40,640	22,600,000	5.3	1,196,000	12,230,000	7.1	470,000
NVX	Mt Dromedary	Novonix Ltd	Australia, QLD	ASX announcement 20 Oct 2016	14,300,000	13.3	1,909,000	1,000,000	12.9	131,000	8,500,000	13.9	1,185,000	4,800,000	12.4	593,000
GCM	McIntosh	Green Critical Minerals Ltd	Australia, WA	ASX announcement 1 July 2024	30,100,000	4.4	1,320,000				19,200,000	4.44	853,000	10,900,000	4.3	470,000
LEL	Bourke	Lithium Energy Ltd	Australia, QLD	LEL 2022 Annual Report	9,100,000	14.1	1,310,000				4,500,000	14.7	670,000	4,500,000	14.2	385,000
LEL	Corella	Lithium Energy Ltd	Australia, QLD	LEL 2022 Annual Report	13,500,000	9.5	1,280,000							13,500,000	9.5	868,000
MRC	Munglinup	Mineral Commodities Ltd	Australia, WA	ASX announcement 28 Apr 2023	7,990,000	12.2	973,190				4,490,000	13.1	588,190	3,500,000	11	1,360,000
LML	Kookaburra	Lincoln Mnerals Ltd	Australia, SA	ASX announcement 16 April 2024	12,840,000	7.57	971,980	1000000	11.77	117700	4,860,000	8.8	427,600	6,980,000	6.11	426,700
QGL	Uley	Quantum Graphite Ltd	Australia, SA	ASX announcement 14 March 2023	6,900,000	10.98	757,300	800,000	15.6	124,800	4,200,000	10.4	436,800	1,900,000	10.3	170,610
OAR	Oakdale	Oar Resources Ltd	Australia, SA	ASX announcement 2 Dec 2015	6,320,000	4.7	297,040				2,690,000	4.7	126,430	3,630,000	4.7	1,280,000

Appendix 2- Global Graphite Deposits

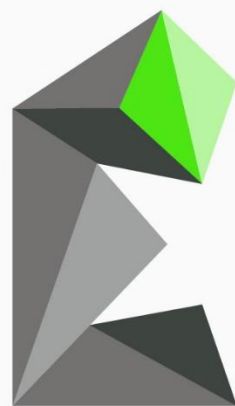
Ticker Code	Company	Deposit	Country	ASX Source Date	TOTAL MINERAL RESOURCE			Measured			Indicated			Inferred		
					Tonnes	Grade TGC%	Contained Graphite	Tonnes	Grade TGC%	Contained Graphite	Tonnes	Grade TGC%	Contained Graphite	Tonnes	Grade TGC%	Contained Graphite
SYR	Syrah Resources Ltd	Balama	Mozambique	2023 Annual Report	1,035,200,000	11.6	119,930,800	21,200,000	16.90	3,582,800	240,400,000	13.00	31,252,000	773,600,000	11.00	85,096,000
SGA	Sarytogan Graphite Ltd	Sarytogan	Kazakhstan	SGA 2024 Annual Report	229,000,000	28.90	66,000,000				126,000,000	28.8	36,000,000	103,000,000	29.10	30,000,000
SVM	Sovereign Metals Ltd	Kasiya	Malawi	ASX announcement 5 February 2024	1,809,000,000	1.37	24,400,000				1,200,000,000	1.50	18,000,000	609,000,000	1.10	6,500,000
VRC	Volt Resources Ltd	Bunyu	Tanzania	VRC 2022 Annual Report	461,000,000	4.95	22,824,000	20,000,000	5.30	1,060,000	155,000,000	5.00	7,750,000	286,000,000	4.90	14,014,000
EGR	Ecograf Ltd	Epanko	Tanzania	EGF Resource Update 11 March 2024	290,800,000	7.2	21,010,000	32,300,000	7.80	2,500,000	55,700,000	7.50	4,200,000	202,800,000	7.20	14,310,000
BKT	Black Rock Mining	Mahenge	Tanzania	BKT 2022 Annual Report	213,100,000	7.74	16,500,000	31,800,000	8.60	2,700,000	84,600,000	7.80	6,600,000	96,700,000	7.40	7,200,000
TSXV:GPH	Graphite One Inc	Graphite Creek	Alaska, USA	Graphite One Announcement 27 March 2025	372,800,000	4.4	16,363,000	5,100,000	5.3	272,000	99,600,000	4.5	4,523,000	268,100,000	4.3	11,568,000
TSXV:NOU	Nouveau Monde Graphite Inc	Lac Gueret	Canada	Announcement 22 January 2024	83,460,000	17.19	14,360,000	19,020,000	17.90	3,400,000	46,620,000	16.90	7,890,000	17,820,000	17.2	3,070,000
KNG	Kingsland Minerals Ltd	Leliyn	Australia, NT	Announcement 2 April 2025	192,500,000	7.30	14,000,000				12,300,000	7.9	1,000,000	180,200,000	7.20	13,000,000
MNS	Magnis Energy Technologies	Nachu	Tanzania	MNS 2022 Annual Report	174,000,000	5.37	9,400,000	63,000,000	4.70	3,000,000	61,000,000	5.70	3,500,000	50,000,000	5.80	2,900,000

Competent Persons Statement

Information regarding the Mineral Resource Estimate for the Leliyn Graphite Deposit is extracted from the report 'Leliyn Delivers Indicated Resource' created on 3 April 2025. . This report is available to view on www.kingslandminerals.com.au or on the ASX website www.asx.com.au under ticker code KNG. The company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement and, in the case of estimates of Mineral Resources or Ore Reserves, that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed. The company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.

Information regarding drilling and exploration at the Leliyn Graphite Project is extracted from the reports 'Graphite Exploration Target Update' created on 19 June 2024, 'Graphite Exploration Target' created on 21 March 2023, 'Outstanding start to maiden drilling program with first holes intersecting 150m of graphitic schist' created on 25 May 2023, 'First assays reveal extensive high-grade graphite' created on 15 June 2023, 'Latest assays reveal more extremely wide intersections with high grades' created on 24 July 2023, 'First diamond core assays confirm high grades over big widths' created on 22 August 2023, 'Bonanza intersection of 206m at 10% graphite confirms Leliyn's world-class potential' created on 5 September 2023, 'Testwork confirms favourable flake size for lithium batteries' created on 7 September 2023, 'More Wide, High Grade Graphite Intercepts at Leliyn Graphite' created on 25 October 2023, 'Thickest intercept to date of 285m @ 6.1% TGC at Leliyn' created on 13 November 2023 and 'Further Thick and High Grade Graphite Intercepts at Leliyn' created on 18 December 2023. These reports are available to view on www.kingslandminerals.com.au or on the ASX website www.asx.com.au under ticker code KNG. The company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement and, in the case of estimates of Mineral Resources or Ore Reserves, that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed. The company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.

ASX: **KNG**



KINGSLAND
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Contact

www.kingslandminerals.com.au

info@kingslandminerals.com.au

+61 8 9381 3820