

RIU SYDNEY RESOURCES ROUND-UP INVESTOR CONFERENCE PRESENTATION

Kingsland Minerals Ltd (ASX:KNG) is pleased to advise that its Managing Director, Mr Richard Maddocks, will be presenting at the RIU Resources Round-up Investor Conference in Sydney today.

Investors can register to watch a livestream of the conference at:

Date: Wednesday, 8 May 2024

Time: 11.15am AEST

To register: <https://www.riusydneyresourcesroundup.com.au/livestream2024>

A copy of the conference presentation is provided below.

Authorised for release by: The Board of Directors.

For further information please contact:

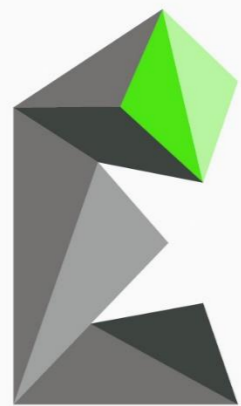
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ASX: **KNG**



KINGSLAND
MINERALS

**Developing
Australia's Largest
Graphite Deposit**

8 May 2024

RIU Sydney Resources Round-up



Important

Nature of this document: The purpose of this presentation is to provide general information about Kingsland Minerals (ACN 647 904 014) (the 'Company'). Unless otherwise stated herein, the information in this presentation is based on the Company's own information and estimates as of the date of this presentation. In attending this presentation or viewing this document you agree to be bound by the following terms and conditions.

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Forward-looking statements: Certain statements in the presentation are or may be perceived as "forward-looking statements" and represent the Company's intentions, projections, expectations or beliefs concerning, among other things, future operating and exploration results or the Company's future performance. You are cautioned not to place undue reliance on any forward-looking statement. These forward-looking statements are based on current expectations at the date of this publication. The projections, estimates and beliefs contained in such forward-looking statements necessarily involve known and unknown risks and uncertainties and are necessarily based on assumptions, which may cause the Company's actual performance and results in future periods to differ materially from any express or implied estimates or projections.

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Unverified information: This presentation may contain information (including information derived from publicly available sources) that has not been independently verified by the Company.

Leliyn Graphite



**Significant
Graphite
Deposit
Australia's
Largest**



**Leliyn has scale,
Inferred MRE
of 195mt @
7.3% TGC**



**Leliyn's
location in NT
Australia –
close to Asian
markets**



**Tier 1 Project
in a Tier 1
Location**

Why invest in Kingsland Minerals?



Kingsland 100% owns the Leliyn Graphite Project in the NT which hosts Australia's largest graphite deposit



Graphite flake size up to 160 micron, ideal for battery anode material



Graphite market forecast to move into deficit on demand from lithium batteries for electric vehicles and storage capacity



China introduced export controls for graphite products from Dec 1 2023



Market cap at just \$15m (24c), \$1.8m cash (Mar 2024), EV \$13.2m, strong news flow from upcoming metallurgical test-work and infill drilling

Kingsland Minerals since listing in June 2022

Cost effective, successful explorers delivering results – with upside

In two years since listing on ASX Kingsland has:

- ❖ Discovered, drilled and estimated a Mineral Resource for Australia's largest graphite deposit -**195mt @ 7.3% TGC**
- ❖ Drilled and estimated a Mineral Resource for Cleo Uranium deposit in the NT - **6.8mt @ 345 ppm U₃O₈**
- ❖ Discovered and delineated significant lithium soil anomalism at Lake Johnston in WA
- ❖ **IPO raise \$4.7m June 2023 raise \$3.6m Cash 31 March 2024 \$1.8m**

▶ Maiden Mineral Resource Estimate

Leliyn is the largest graphite deposit in Australia – **with upside**

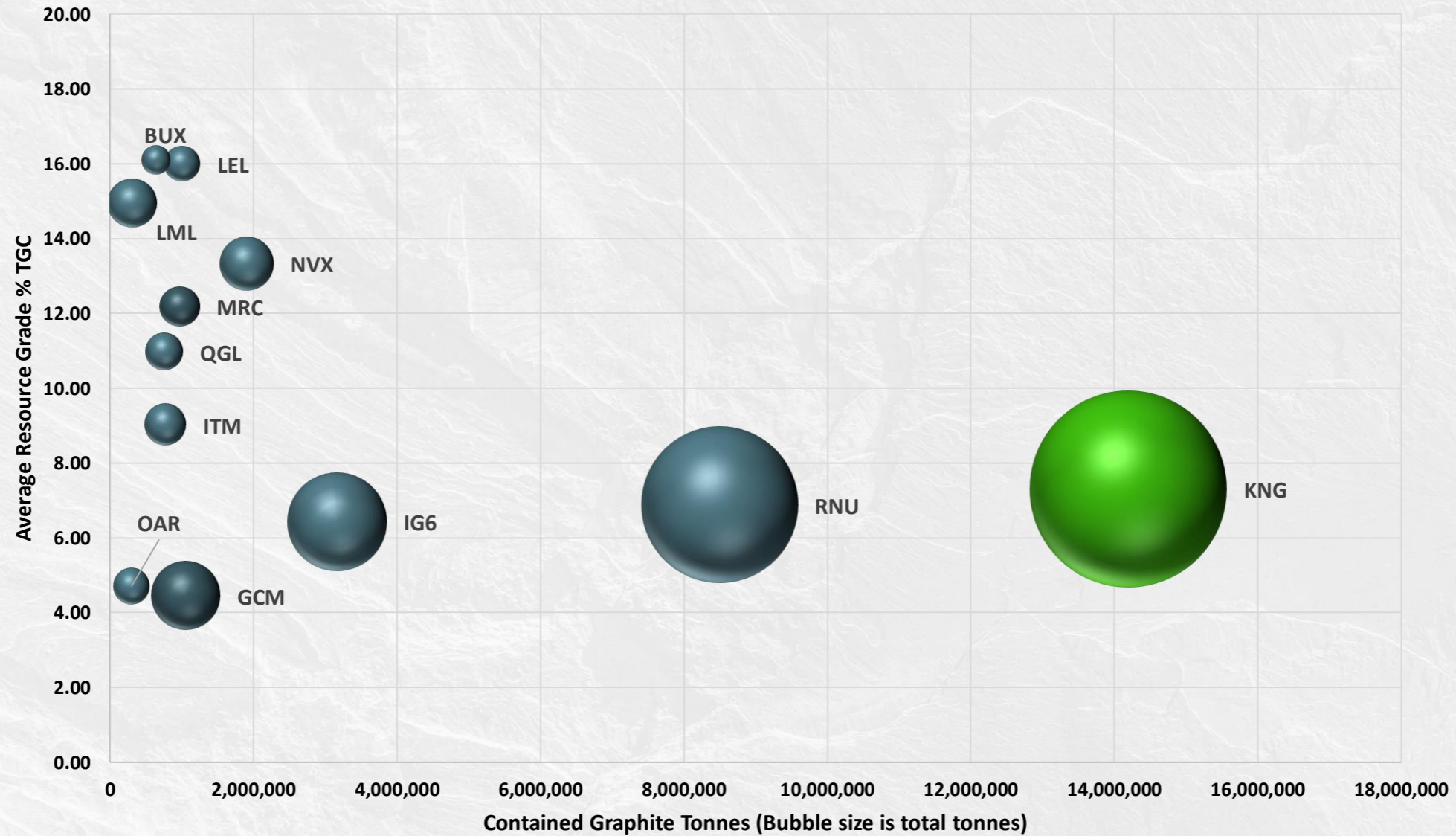
Inferred Mineral Resource Estimate

194.6mt @ 7.3% TGC containing 14.2mt of graphite

Leliyn is Australia's largest graphite deposit and is a globally significant deposit

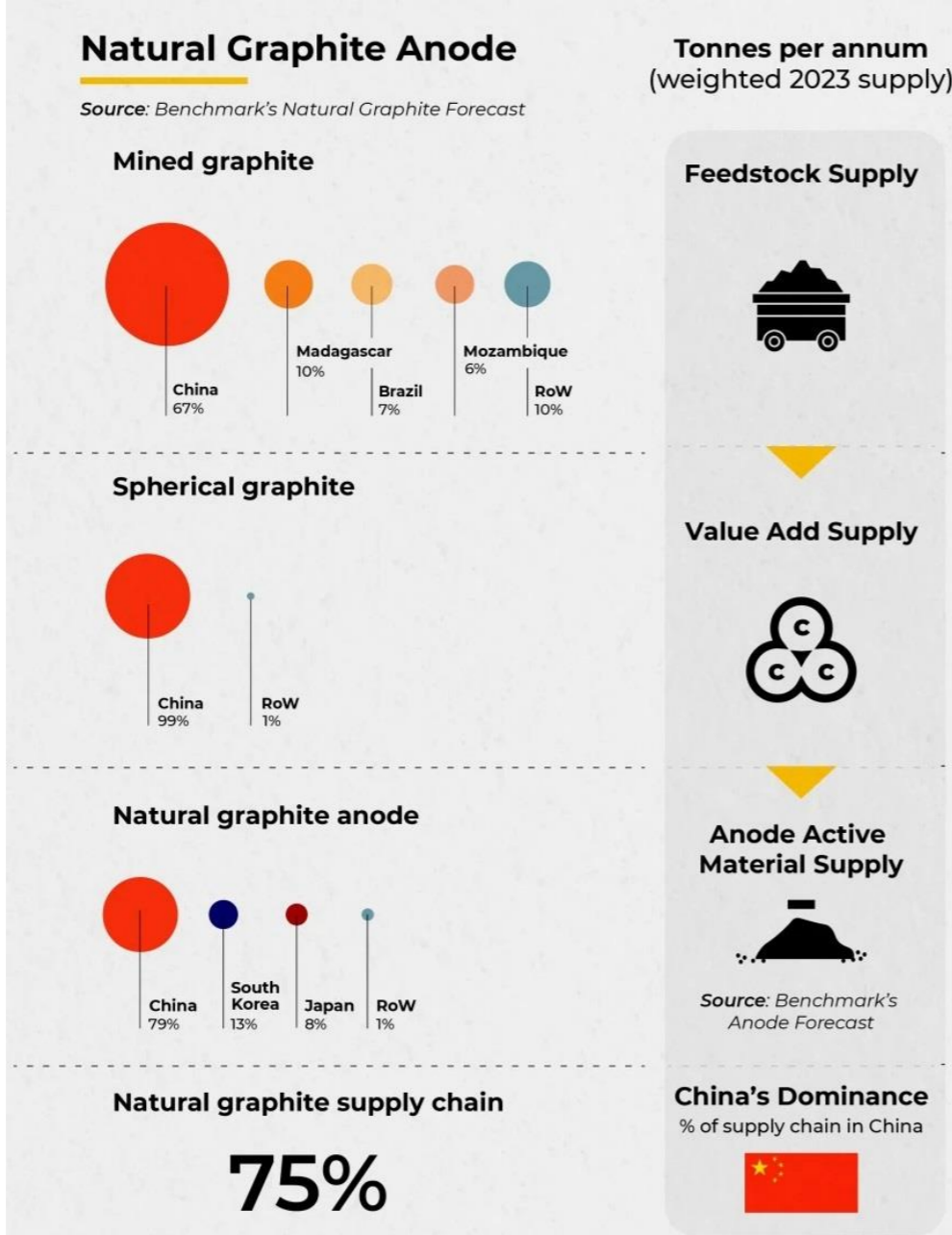
Australian Graphite Deposits

Leliyn is the largest graphite deposit in Australia – **with upside**



Graphite Supply

China dominates supply of graphite products – **time to diversify**



Graphite market controlled by ONE main supplier – China

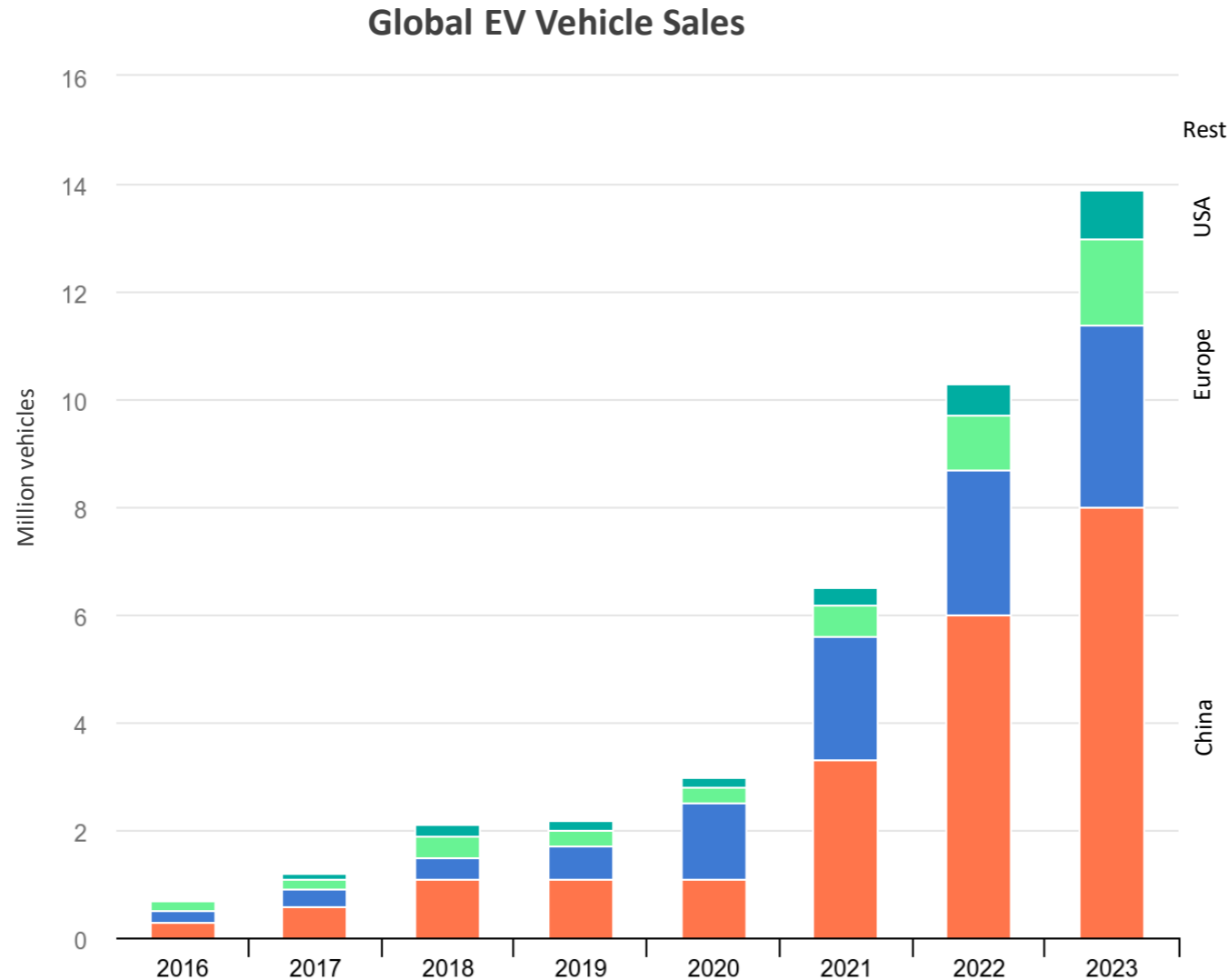
67% of raw flake graphite
99% of spherical graphite
79% of natural graphite anode

China introduced export controls for graphite products on 1 December 2023

Market now beginning to diversify and seek ex-China natural and processed graphite sources

Graphite Demand

EV's driving demand growth – demand to outstrip supply



Future Graphite demand linked to EV sales growth and domestic battery supply

To date, China has largely driven EV growth.

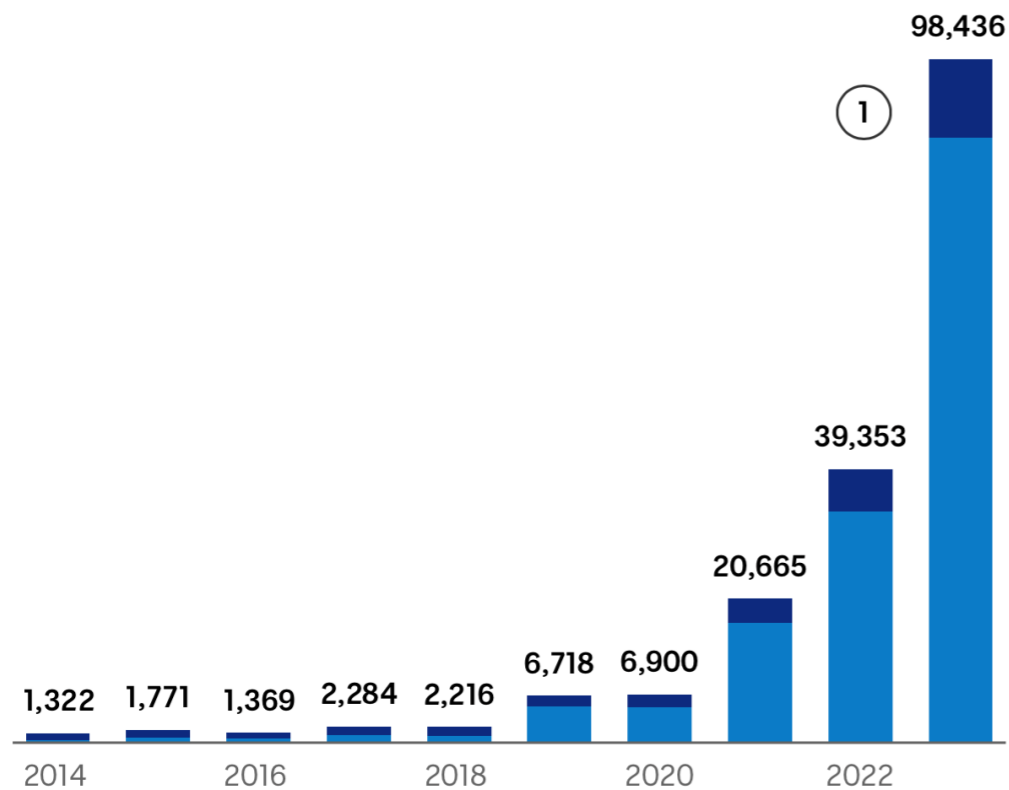
As range, charge times and charging infrastructure improve open market economies will catch up

Graphite Demand

EV batteries demand to drive graphite demand – **strong growth future**

Electric vehicle sales in Australia (2014-2023)

■ Battery electric ■ Plug-in hybrid



① EVs hit 8% of all car sales in 2023

ABC / Source: VFACTS, EVC, OEM-provided figures

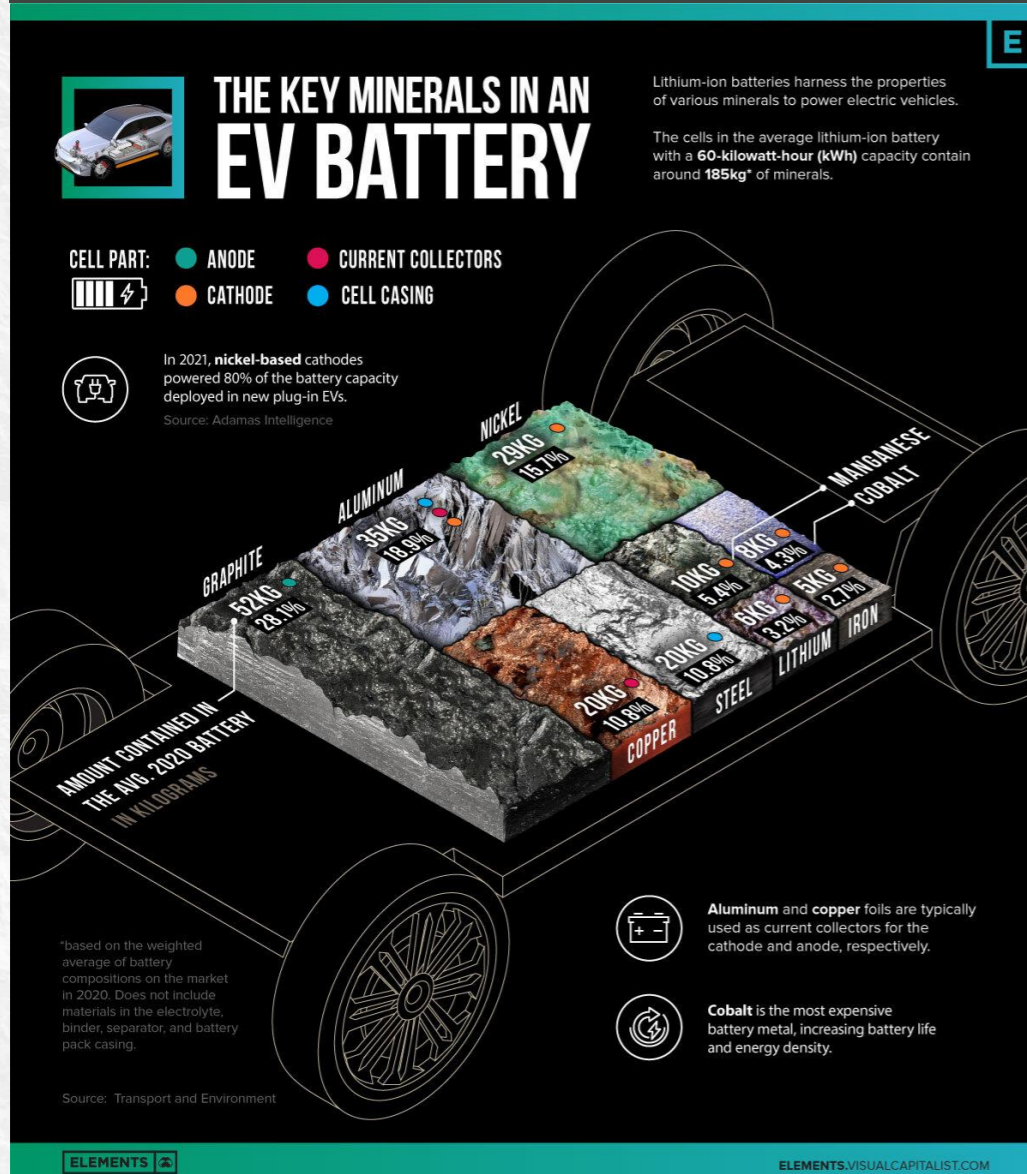
Future Graphite demand linked to EV sales growth and domestic battery supply

To date, China has driven EV growth.

As range, charge times and charging infrastructure improve open market economies will catch up

Graphite Demand driven by Electric Vehicles

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



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

There is more graphite than anything else

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

1) 10% of all vehicles in March 2024, 20% of passenger vehicles (NRMA)

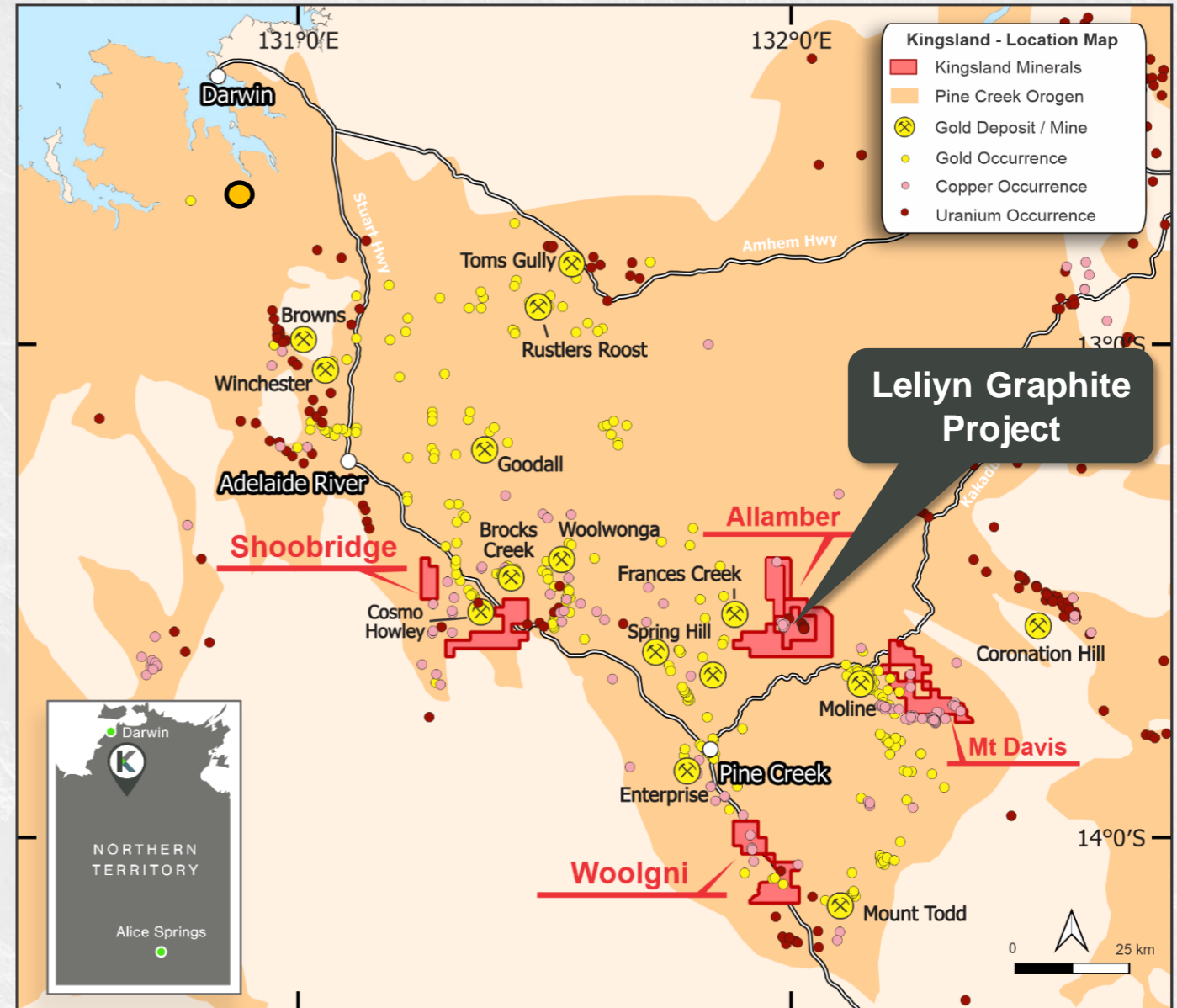
Excellent Location

Excellent location in the Pine Creek mining district

250km from Darwin Port with direct rail access

Existing Infrastructure with a long history of mining and exploration

Located on Perpetual Pastoral Lease



Infrastructure in Place

Existing Infrastructure

Rail loading area used for Frances Creek Iron Ore Mine in 1970's

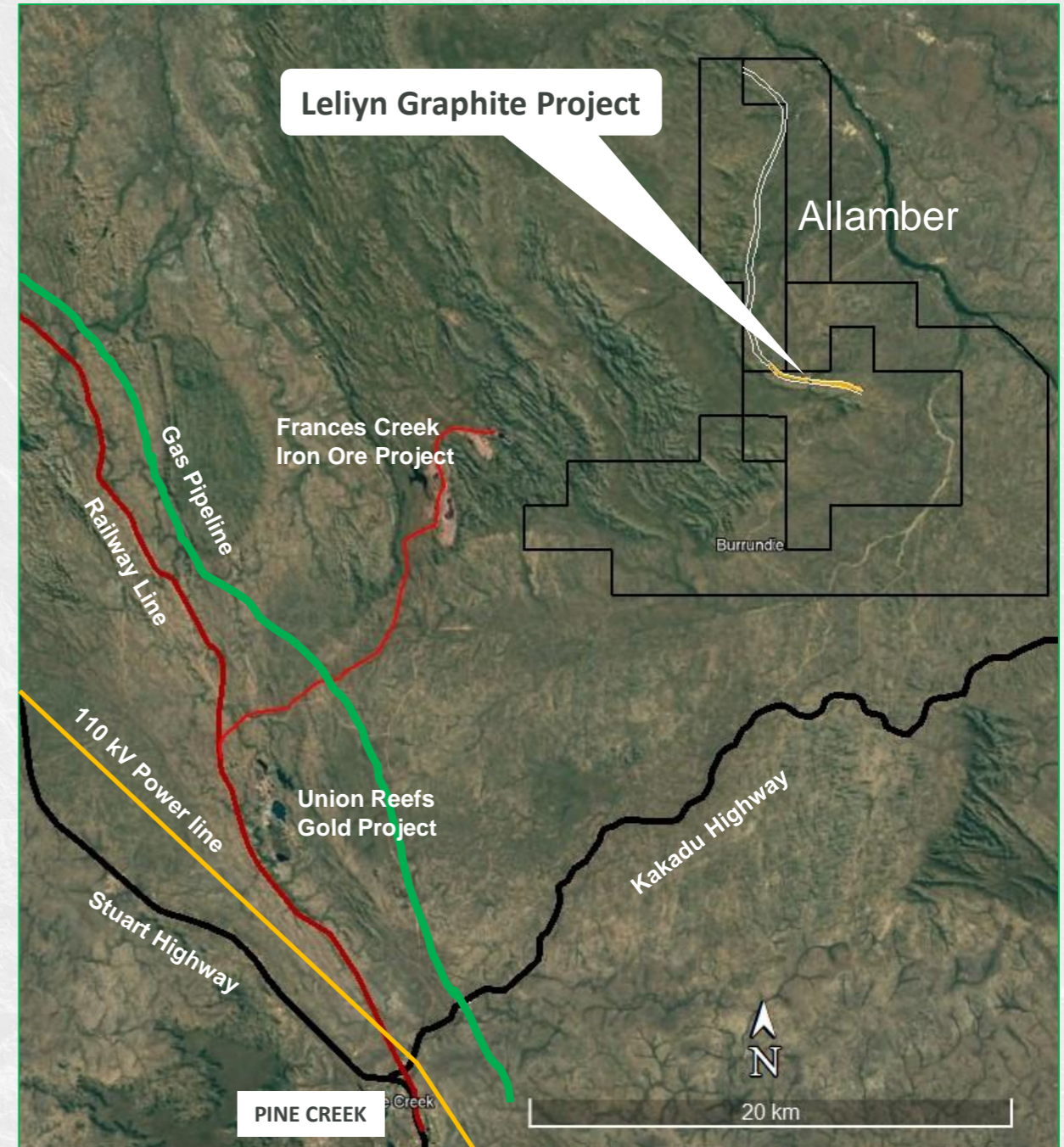
Haulage road from Frances Creek to rail loading area.

Sealed Kakadu and Stuart Highways

110 kV power line

Gas pipeline

Pine Creek, accommodation, fuel etc



Leliyn Graphite

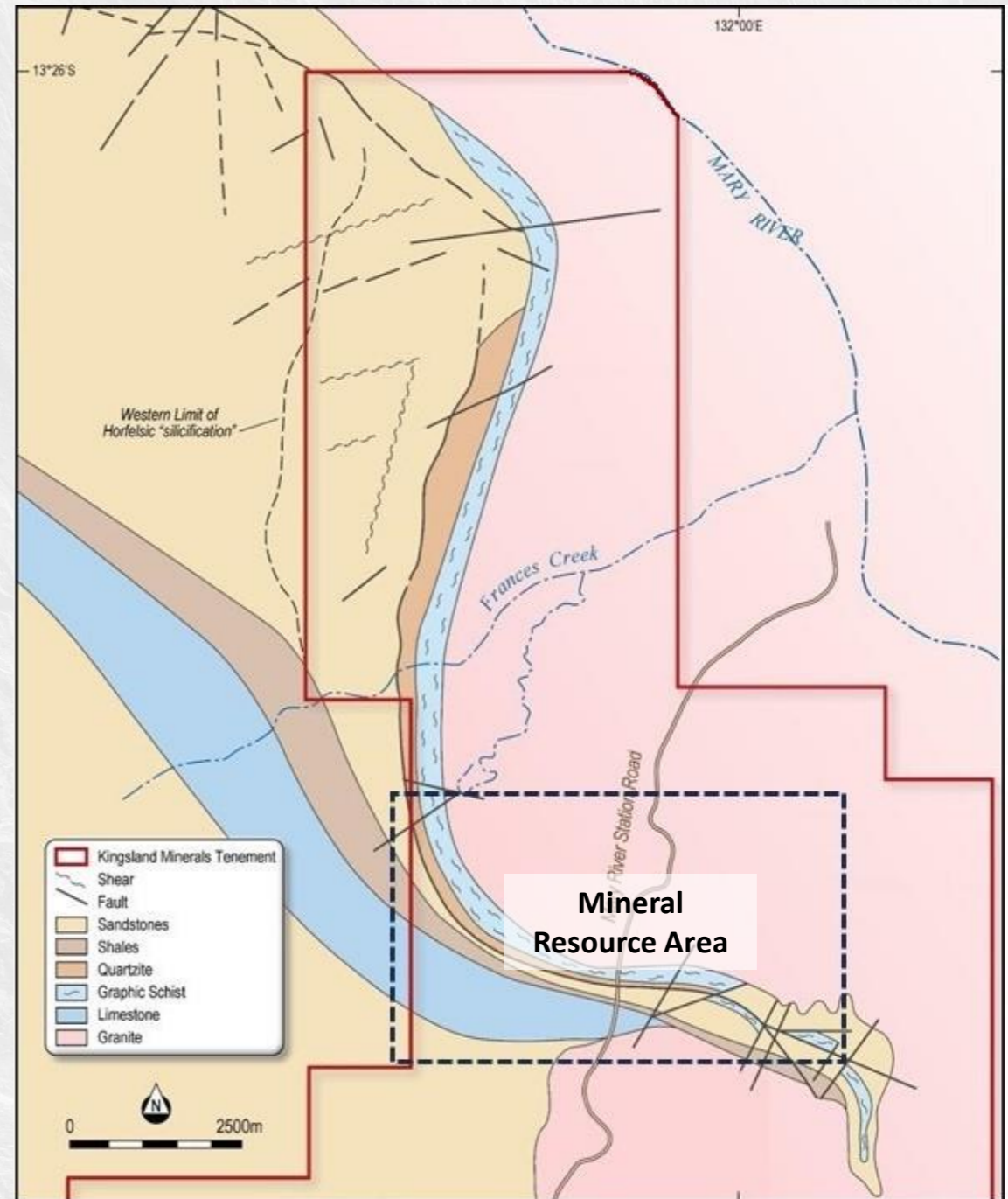
Drilling since May 2023

- 53 RC holes for 5,400m
- 11 Diamond Core holes for 2,400m

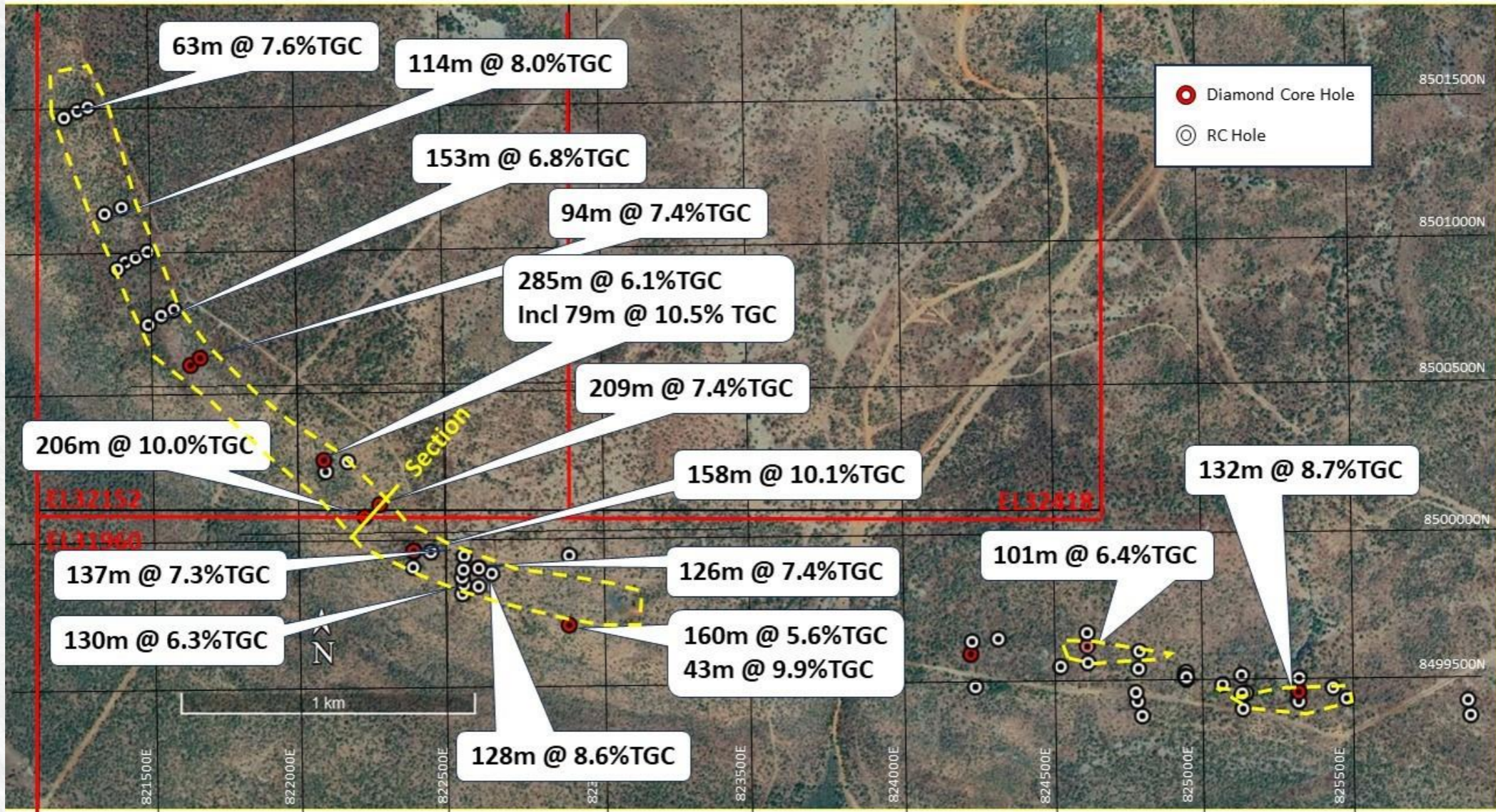
Drilling finished mid-November before wet season to support Maiden JORC Resource

Maiden JORC Resource based on initial 5km of total 20km graphitic schist

Metallurgical samples submitted for testwork to confirm ability to produce commercial grade concentrate

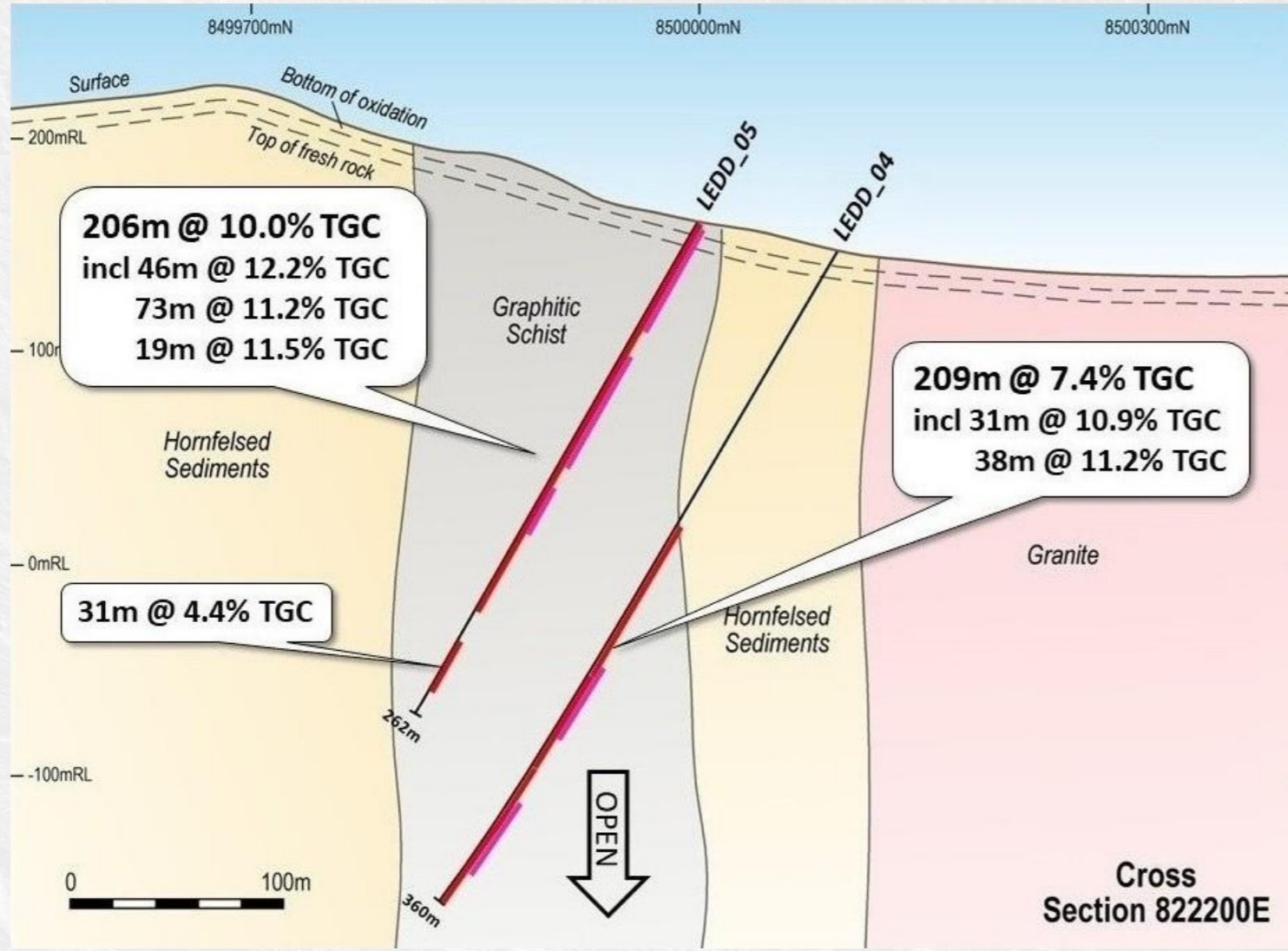


Leliyn Graphite



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

Leliyn Graphite



Outcropping mineralisation up to >100m wide

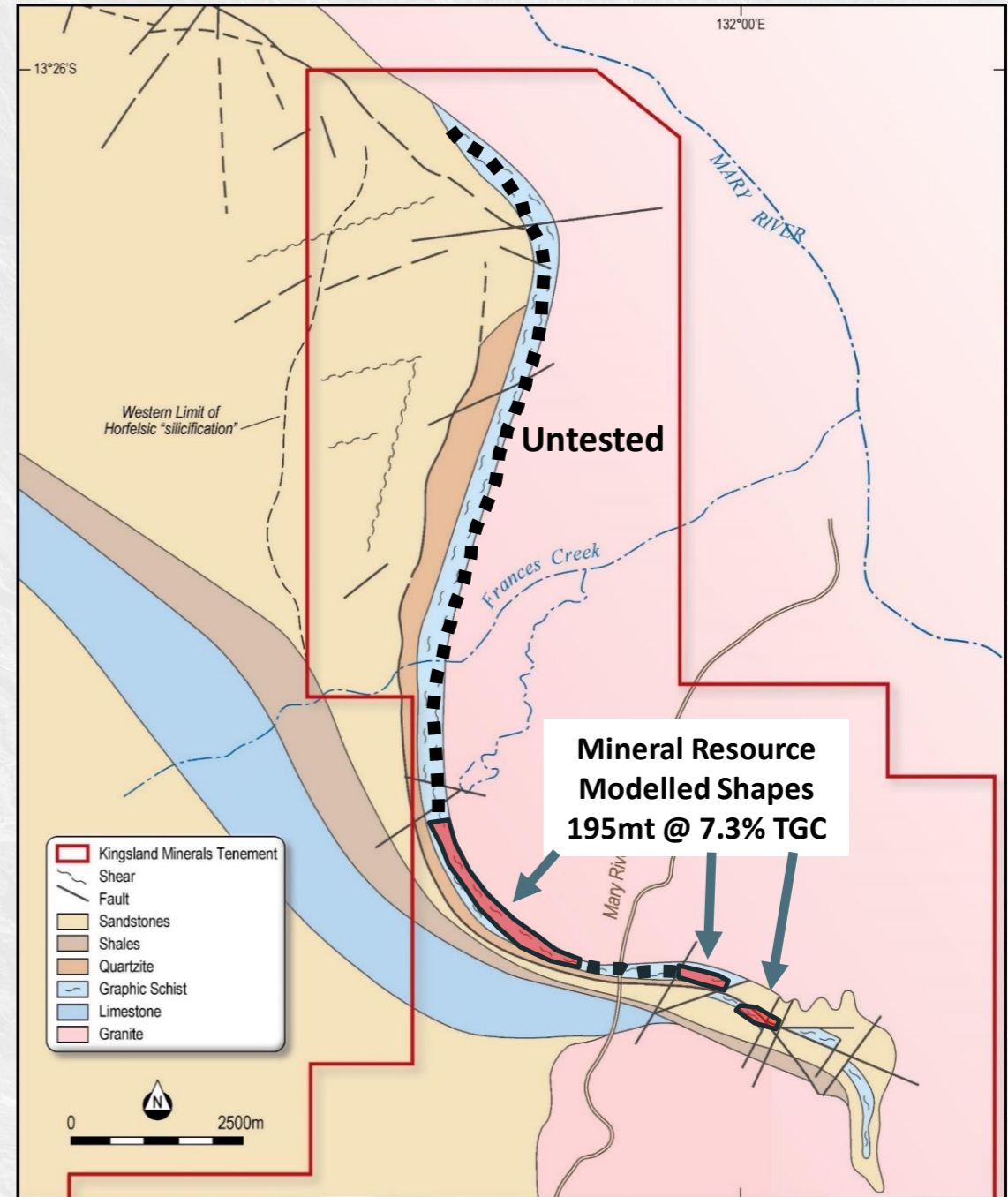
Amenable to very efficient and productive open pit mining techniques with low strip ratio

Leliyn Mineral Resource Estimate

**Inferred Mineral Resource
194.6mt @ 7.3% TGC containing
14.2mt graphitic carbon**

**Considerable upside along
strike for additional resources**

**Ability to optimise flake
characteristics within remaining
~15km of strike**



Leliyn Graphite Metallurgical Test-work

Initial flotation tests from a master composite returned:

Recovery:	94.6%	92.9%
Grade (TGC):	89.7%	90.3%

This sample was from diamond holes across the deposit. A new sample, more representative of the current MRE is currently being tested.

Metallurgical test work will continue throughout 2024



Cleo Uranium

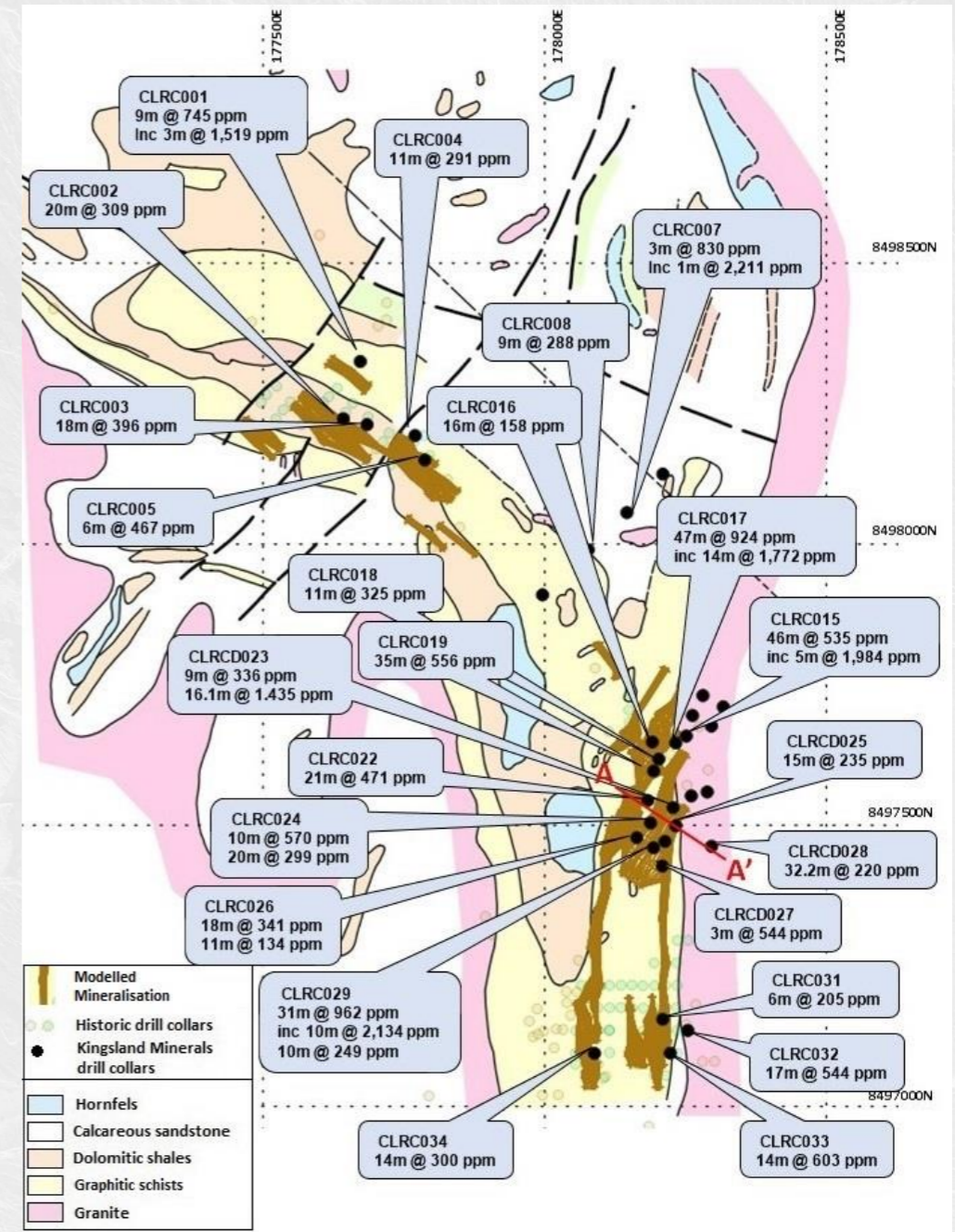
Inferred Mineral Resource Estimate

6.8mt @ 345 ppm U_3O_8
containing 5.2m lbs U_3O_8

Drilled by Kingsland after listing in 2022
Open at depth and along strike

Significant KNG drilling:

47m @ 924 ppm U_3O_8 incl. **14m @ 1,772 ppm U_3O_8**
31m @ 962 ppm U_3O_8 incl. **10m @ 2,134 ppm U_3O_8**
35m @ 556 ppm U_3O_8 incl. **1m @ 10,172 ppm U_3O_8**
16.1m @ 1,435 ppm U_3O_8 incl. **0.37m @ 29,197 ppm U_3O_8**



Lake Johnston Lithium

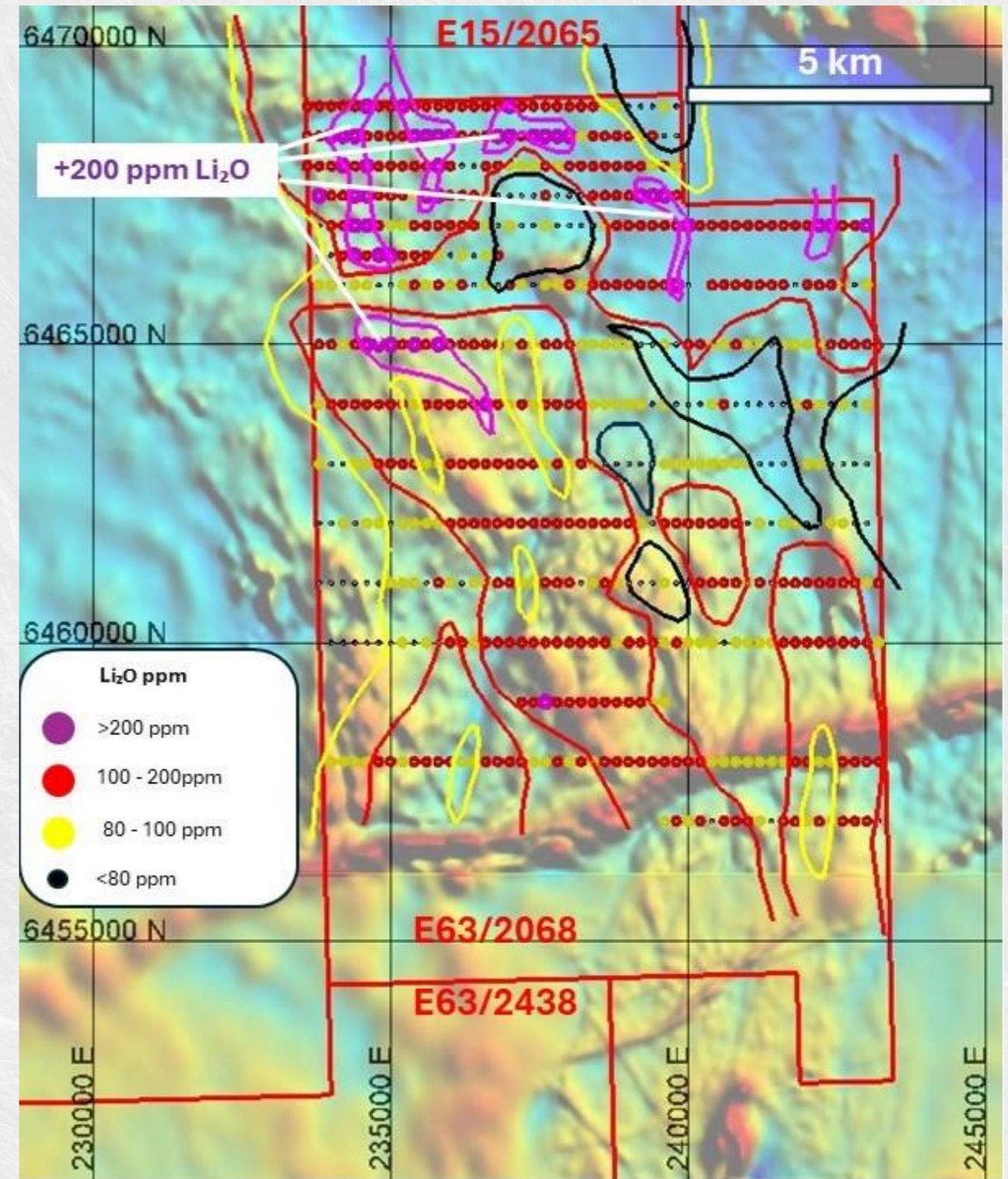
Initial soil sampling delineated several significant
+200 ppm Li_2O anomalies 3km X 400m

+100 ppm Li_2O anomaly 13km X 4 km

Significant activity in the Lake Johnston region for
lithium exploration

Kingsland has one of the larger tenement holdings
in the district with 770 km²

Approval received for air-core drilling later in 2024



▶ Kingsland Minerals – Going Forward



Maiden Mineral Resource Estimate Leliyn

- Infill drilling in 2024 to upgrade to Indicated classification
-



Initial metallurgy results Leliyn

- Initial work very positive, high recoveries
-



Graphite metallurgical test-work to establish marketable concentrate

- will provide mineralogy and flake size analysis
-



More advanced graphite metallurgy test-work

- Assess optimal end-use for graphite concentrate, suitability for EV battery use
-



Drilling at Lake Johnston for pegmatite hosted lithium

- Air-core drilling soil anomalies

Capital Structure

Listed 14 June 2022



Top 20 Shareholders



Major Shareholders	
Directors	21.3%
Bacchus Resources Pty Ltd	8.2%
Trafalgar Resources Pty Ltd	6.7%

Leliyn Graphite



**Significant
Graphite Deposit**



**Leliyn has scale,
Inferred MRE
of 195mt @
7.3% TGC**



**Leliyn has
location, NT
Australia**



**Tier 1 Project
in a Tier 1
Location**

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.

Appendix 1- Australian Graphite Deposits

ASX Code	Deposit	Company	Country	ASX Source	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
KNG	Leliyn	Kingsland Minerals Ltd	Australia, NT	ASX announcement 13 March 2024	194,600,000	7.30	14,200,000							194,600,000	7.30	14,200,000
RNU	Sivour	Renascor Resources Ltd	Australia, SA	ASX announcement 14 Sept 2023	123,600,000	6.9	8,500,000	16,900,000	8.60	1,400,000	56,200,000	6.70	3,800,000	50,500,000	6.50	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	7.50	862,500	37,800,000	6.10	2,305,800
NVX	Mt Dromedary	Novonix Ltd	Australia, QLD	ASX announcement 20 Oct 2016	14,300,000	13.33	1,905,700	1,000,000	12.90	129,000	8,500,000	13.90	1,181,500	4,800,000	12.40	595,200
GCM	McIntosh	Green Critical Minerals Ltd	Australia, WA	ASX announcement 18 November 2022	23,800,000	4.45	1,058,000				19,200,000	4.44	853,000	4,600,000	4.50	205,000
LEL	Bourke	Lithium Energy Ltd	Australia, QLD	LEL 2022 Annual Report	6,300,000	16.0	1,008,000							6,300,000	16.00	1,008,000
MRC	Munglinup	Mineral Commodities Ltd	Australia, WA	ASX announcement 28 Apr 2023	7,990,000	12.2	973,190				4,490,000	13.10	588,190	3,500,000	11.00	385,000
ITM	Campoona	Itech Minerals Ltd	Australia, SA	ITM 2023 Annual Report	8,550,000	9.01	770,750	320,000	12.70	40,640	1,000,000	9.10	91,020	7,230,000	8.84	639,090
QGL	Uley	Quantum Graphite Ltd	Australia, SA	ASX announcement 14 March 2023	6,900,000	10.98	757,300	800,000	15.60	124,800	4,200,000	10.40	436,800	1,900,000	10.30	195,700
BUX	Graphite Bull (Yalbra)	Buxton Resources Ltd	Australia, WA	ASX announcement 12 October 2022	4,000,000	16.1	644,000							4,000,000	16.10	644,000
LML	Kookaburra	Lincoln Minerals Ltd	Australia, SA	LML 2022 Annual Report	11,750,000	14.95	308,630	390,000	14.90	58,110	10,800,000	14.90	160,920	560,000	16.00	89,600
OAR	Oakdale	Oar Resources Ltd	Australia, SA	ASX announcement 2 Dec 2015	6,320,000	4.70	297,040				2,690,000	4.70	126,430	3,630,000	4.70	170,610

Competent Persons Statement

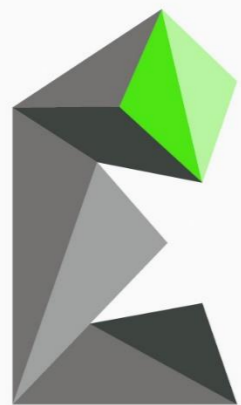
Information regarding the Mineral Resource Estimate for the Leliyn Graphite Deposit is extracted from the report 'Australia's Largest Graphite Resource' created on 13 March 2024. . This report is available to view on www.kingslandminerals.com.au or on the ASX website www.asx.com.au under ticker code 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 the Mineral Resource Estimate for the Cleo Uranium Deposit is extracted from the report 'Cleo Uranium Resource' created on 14 March 2023. 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' 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.

Information regarding drilling and exploration at the Lake Johnston Lithium Project is extracted from the reports 'Lake Johnston Lithium Project Update' created on 10 January 2024 and 'Large, High Grade Lithium Soil Anomaly at Lake Johnston' created on 21 February 2024. 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.

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