



**Large, Leveraged
Australian Graphite
Opportunity
31 October 2023
The Watchlist Webinar**





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Significant Graphite Discovery

Leliyn has scale, Exploration Target of 200-250mt @ 8-11% TGC

Leliyn has location, NT Australia

Tier 1 Project in a Tier 1 Location

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.

WHY INVEST IN KINGSLAND MINERALS?

- **Kingsland 100% owns the Leliyn Graphite Project in the NT which hosts a 20km long outcropping graphitic schist**
- **Graphite flake size up to 160 micron, ideal for battery anode material**
- **Graphite market forecast to move into deficit from this year on demand from lithium batteries for electric vehicles**
- **China to introduce export controls for graphite products from Dec 1 2023**
- **Market cap at just \$14m (23c), \$3.7m cash, EV \$10.3m, strong news flow from upcoming assays, mineral resource and metallurgical test-work**

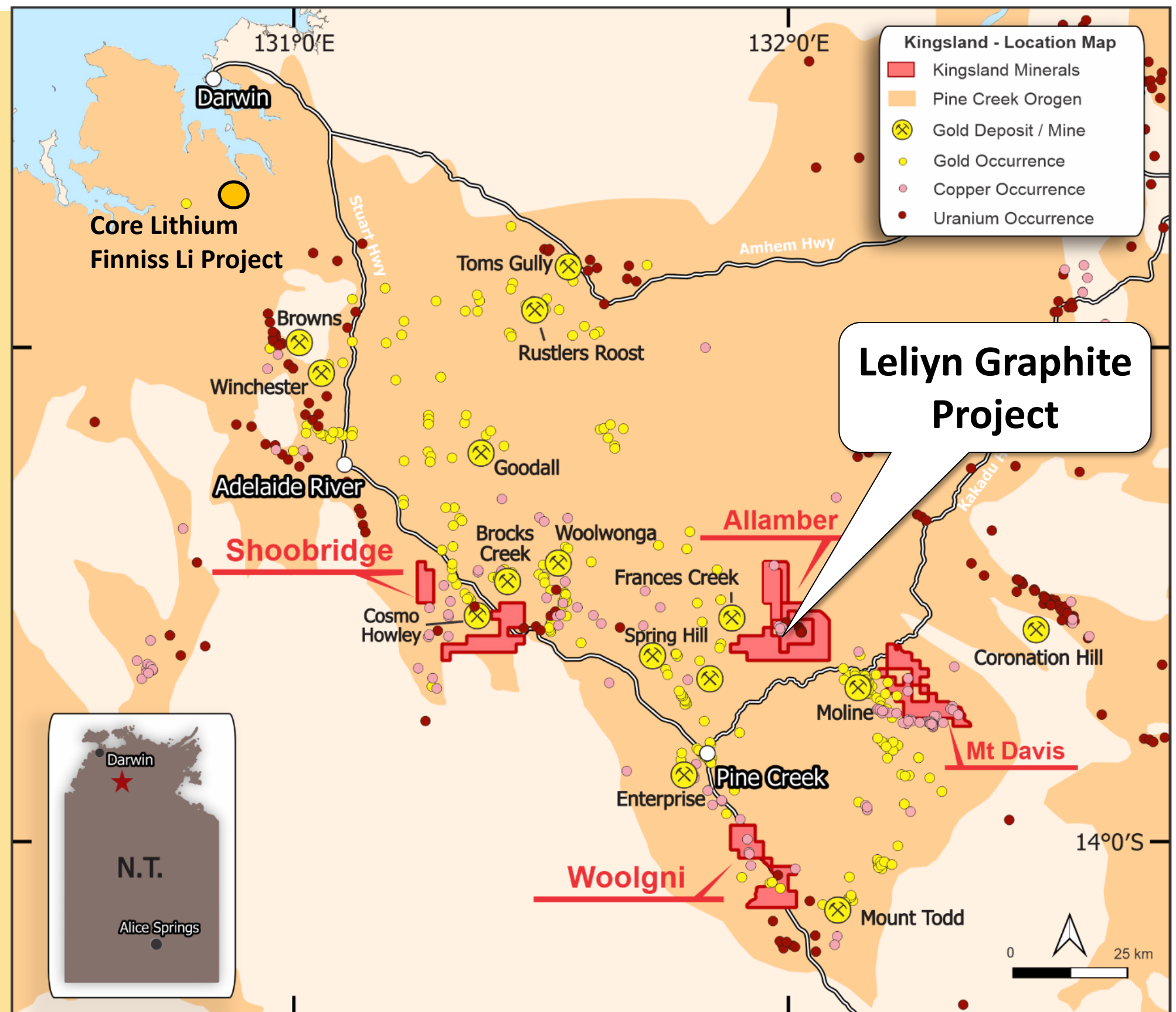
EXCELLENT LOCATION

Excellent location in the Pine Creek mining district

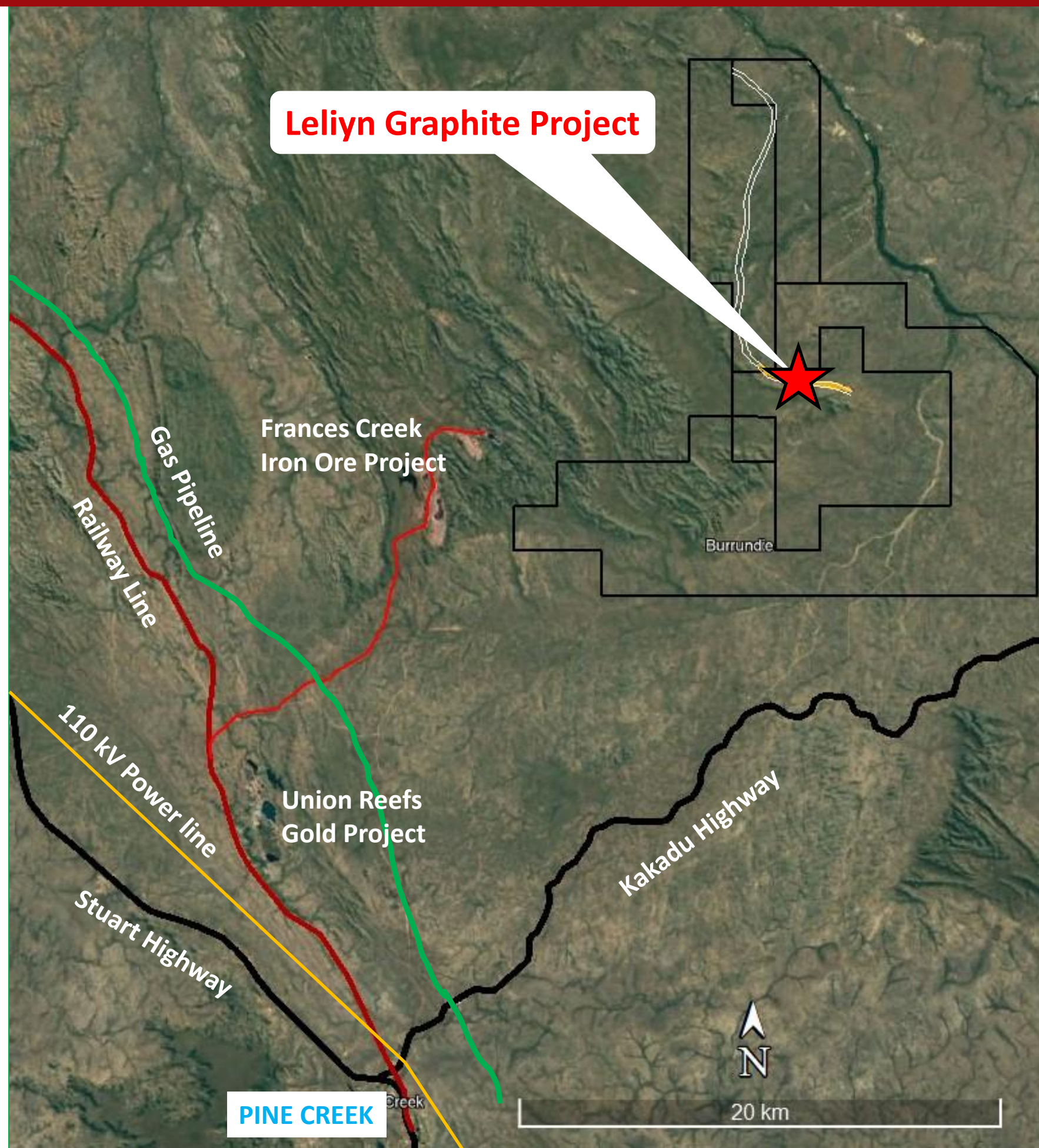
250km from Darwin Port with direct rail access

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

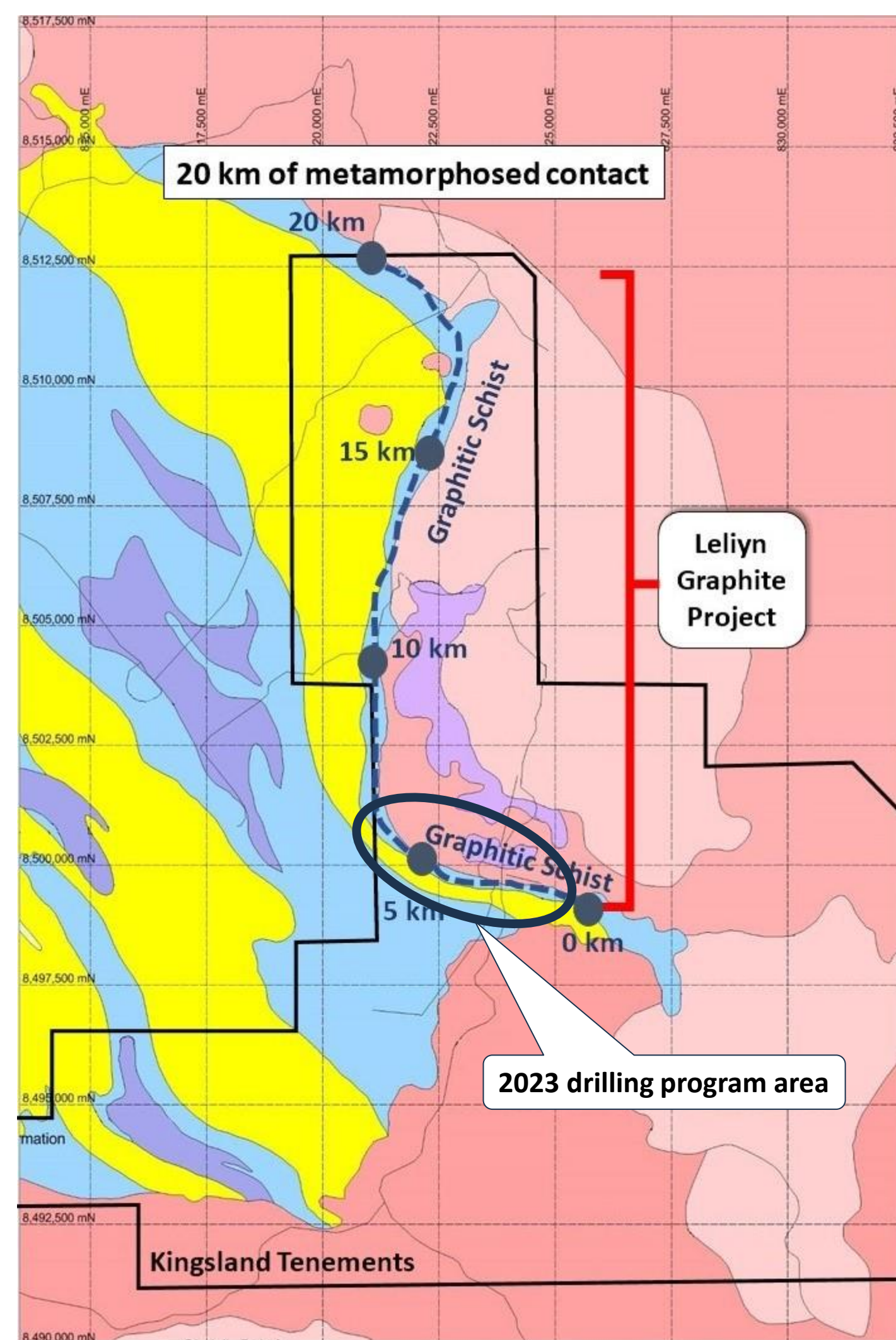
53 RC holes for 5,400m

11 Diamond Core holes for 2,400m

**Drilling to finish mid-November
before wet season.**

**Drilling 5km of total 20km strike
length**

**Current drilling will support Inferred
Mineral Resource (due March quarter
2024)**



LELIYN GRAPHITE

Significant Intersections include:

206m @ 10.02% from 0m	(LEDD_05)
209m @ 7.39% from 154m	(LEDD_04)
158m @ 10.13% from 16m	(LERC_17)
132m @ 8.73% from 0m	(LEDD_01)
128m @ 8.58% from 45m	(LERC_18)
137m @ 7.29% from 13m	(LERC_13)
126m @ 7.44% from 52m	(LEDD_02)
130m @ 6.28% from 0m	(LERC_11)
114m @ 8.03% from 1m	(LERC_31)

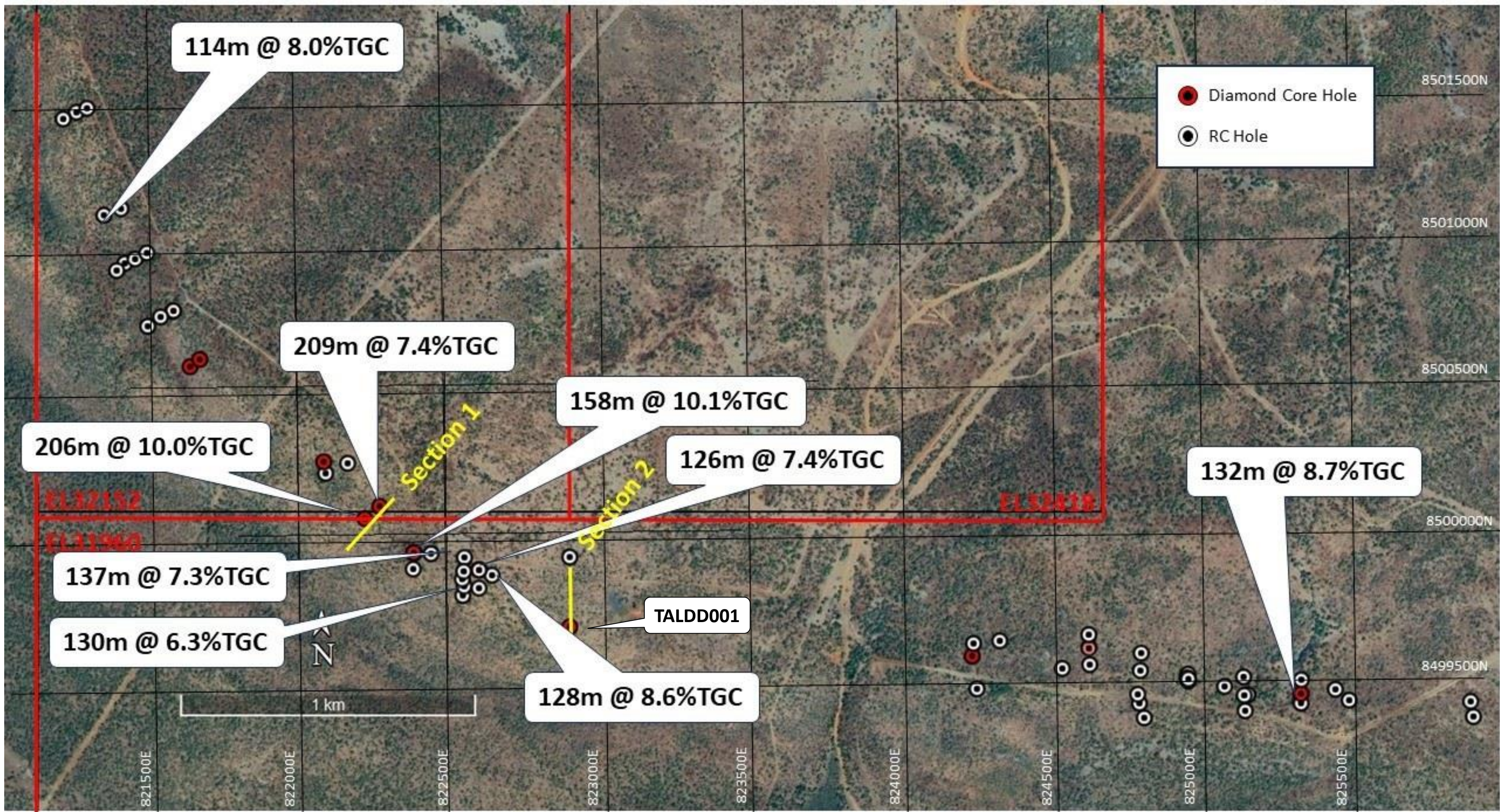
13 RC and 5 core holes awaiting assay results



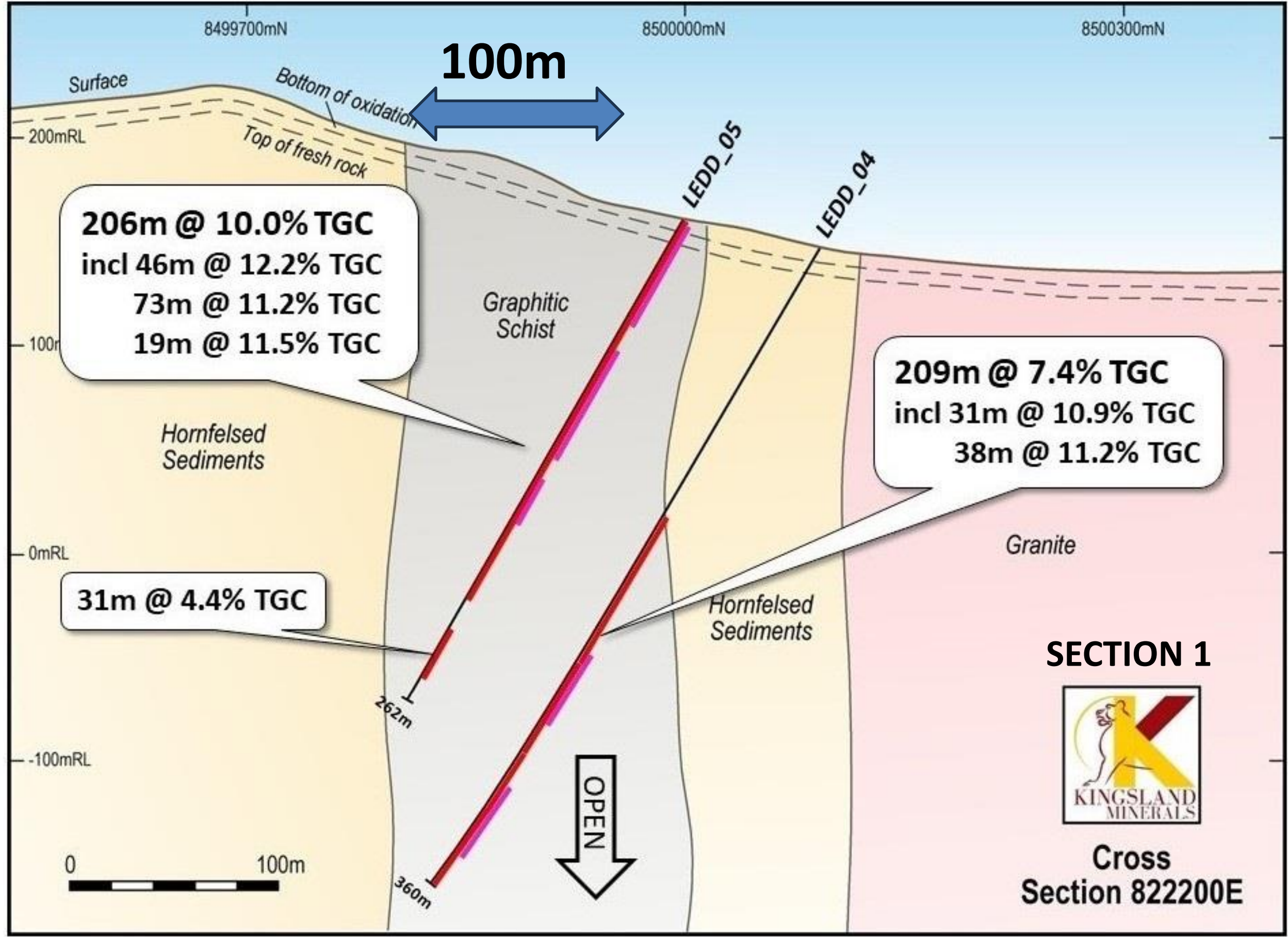
LEDD_05 TGC assays 26m - 35m¹

¹ ASX announcement 5 September 2023 'Bonanza intersection of 206m at 10% Graphite confirms Leliyn's world-class potential '

LELIYN GRAPHITE

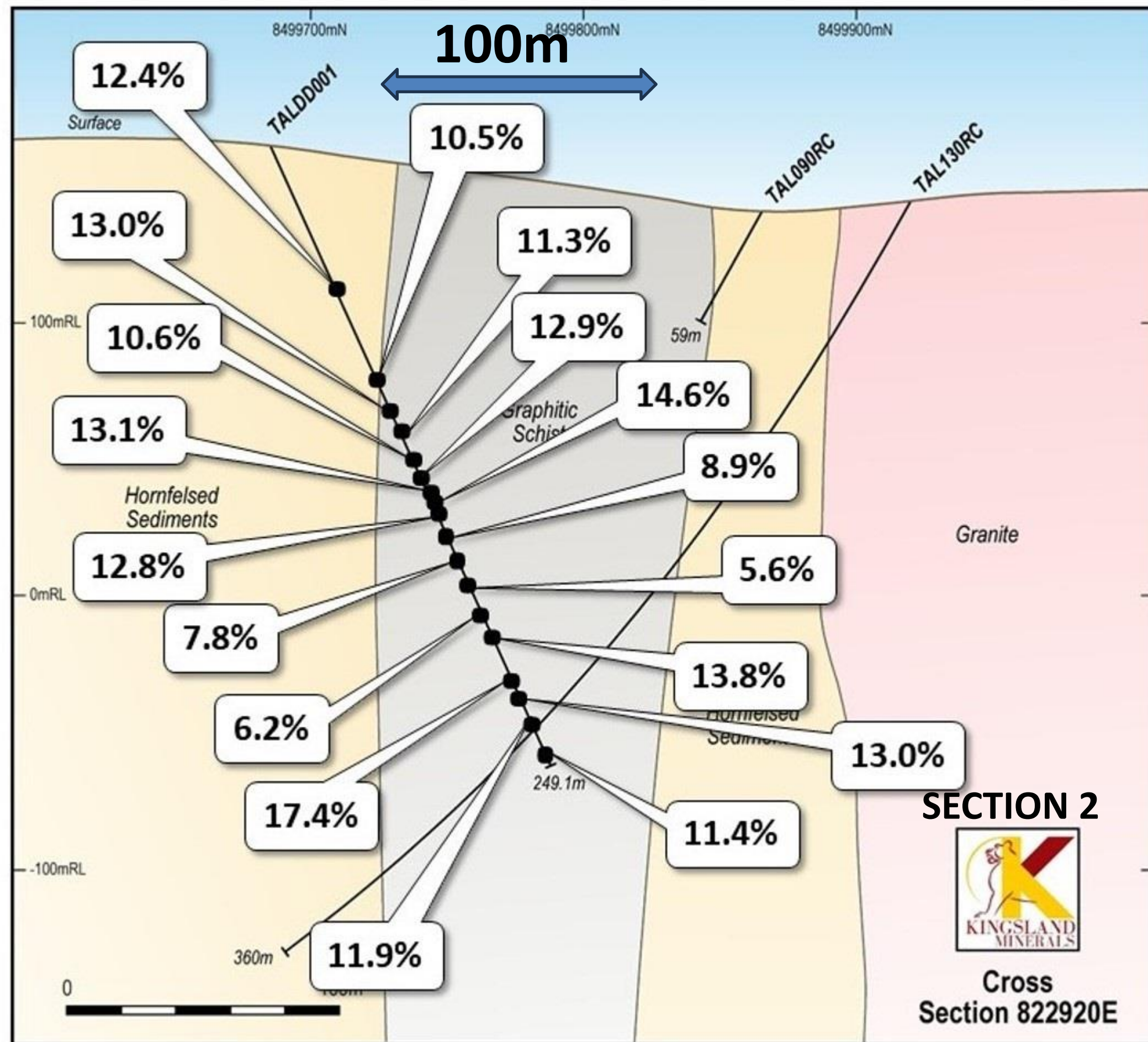


LELIYN GRAPHITE



Simple geology, outcropping on surface, with true width of up to 150m

LELIYN GRAPHITE



Diamond hole TALDD001 found stored in shed in Pine Creek. Now being cut for sampling and assaying.

LELYN GRAPHITE – GOING FORWARD

Drilling proving up tonnage and grade potential

Drilling nearly complete in 2023 to provide sufficient data for Maiden Mineral Resource Estimation

Samples submitted for initial metallurgy

Initial work for flotation recovery, concentrate grade and flake size analysis(Due March qtr. 2024)

Collecting samples for thin section petrography

Will provide mineralogy and flake size analysis

Maiden Mineral Resource Estimate

Commenced and due in March quarter 2024

Infill drilling to upgrade resource classification

Progress towards advanced studies, samples for more met work (2024)

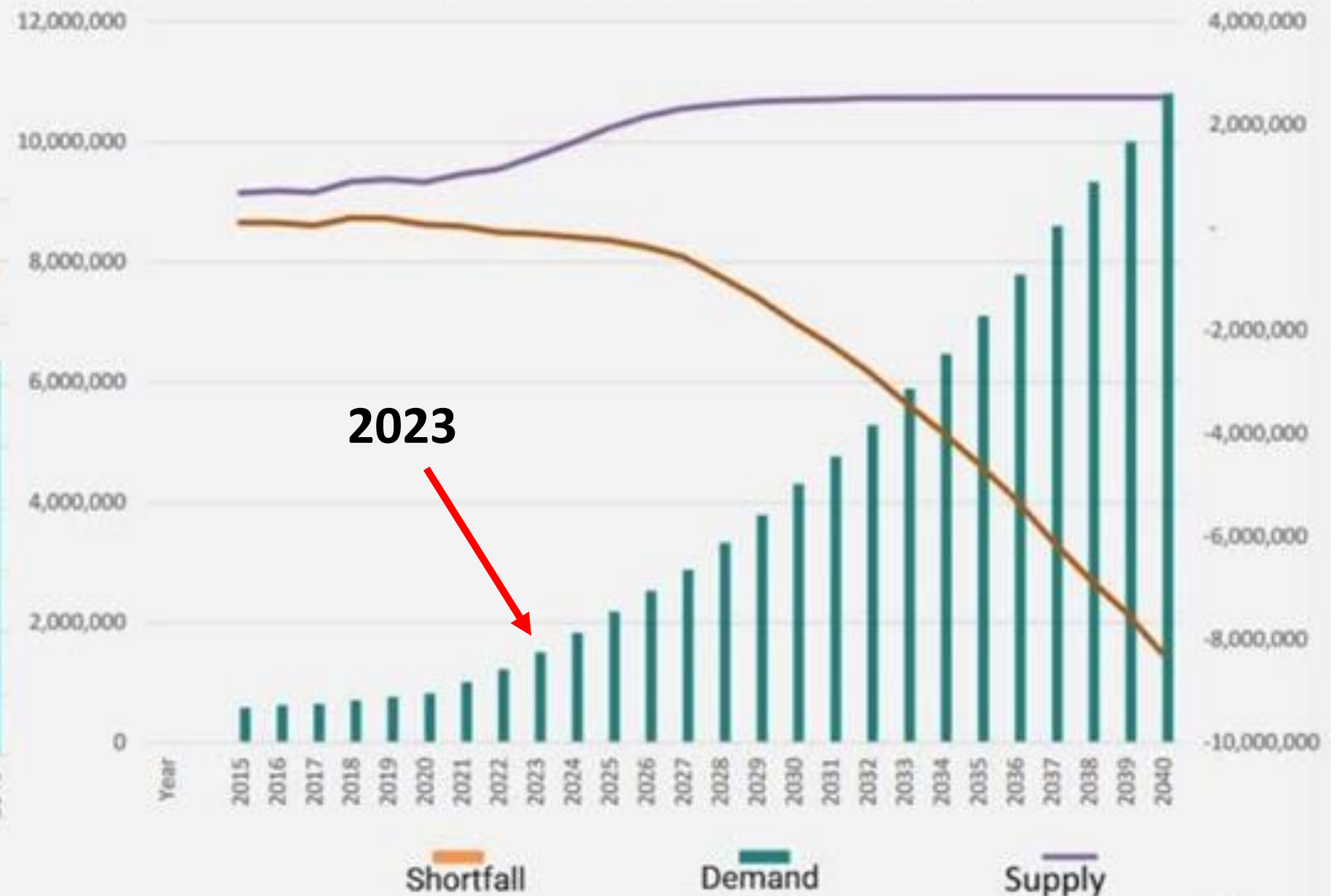
More advanced metallurgy test-work

Assess optimal end-use for graphite concentrate, suitability for EV battery use (2024)

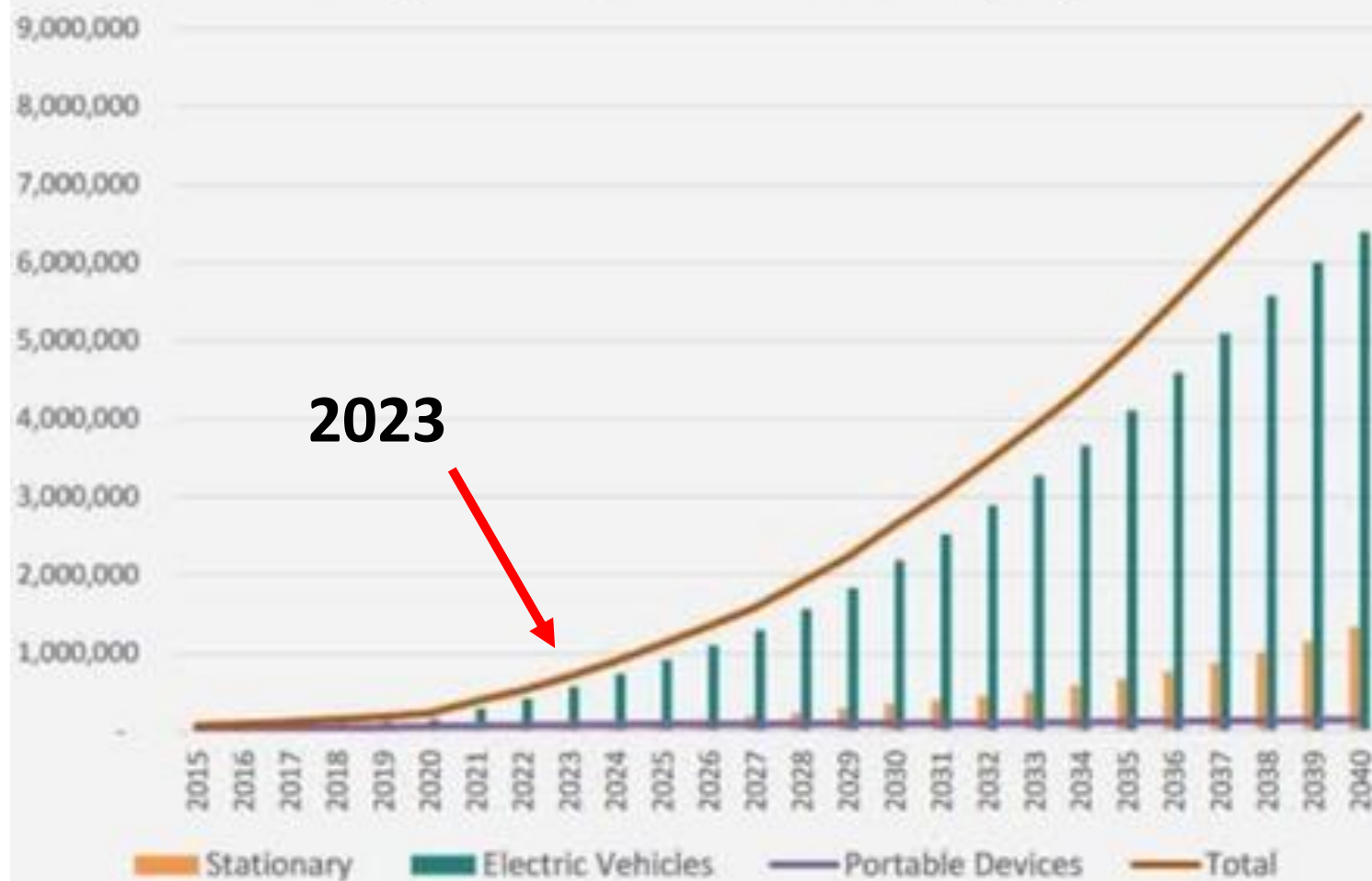
GRAPHITE MARKET

Graphite shortage starting in 2022 - Shortage to grow to 8Mt by 2040

Graphite Market Balance (Mt)

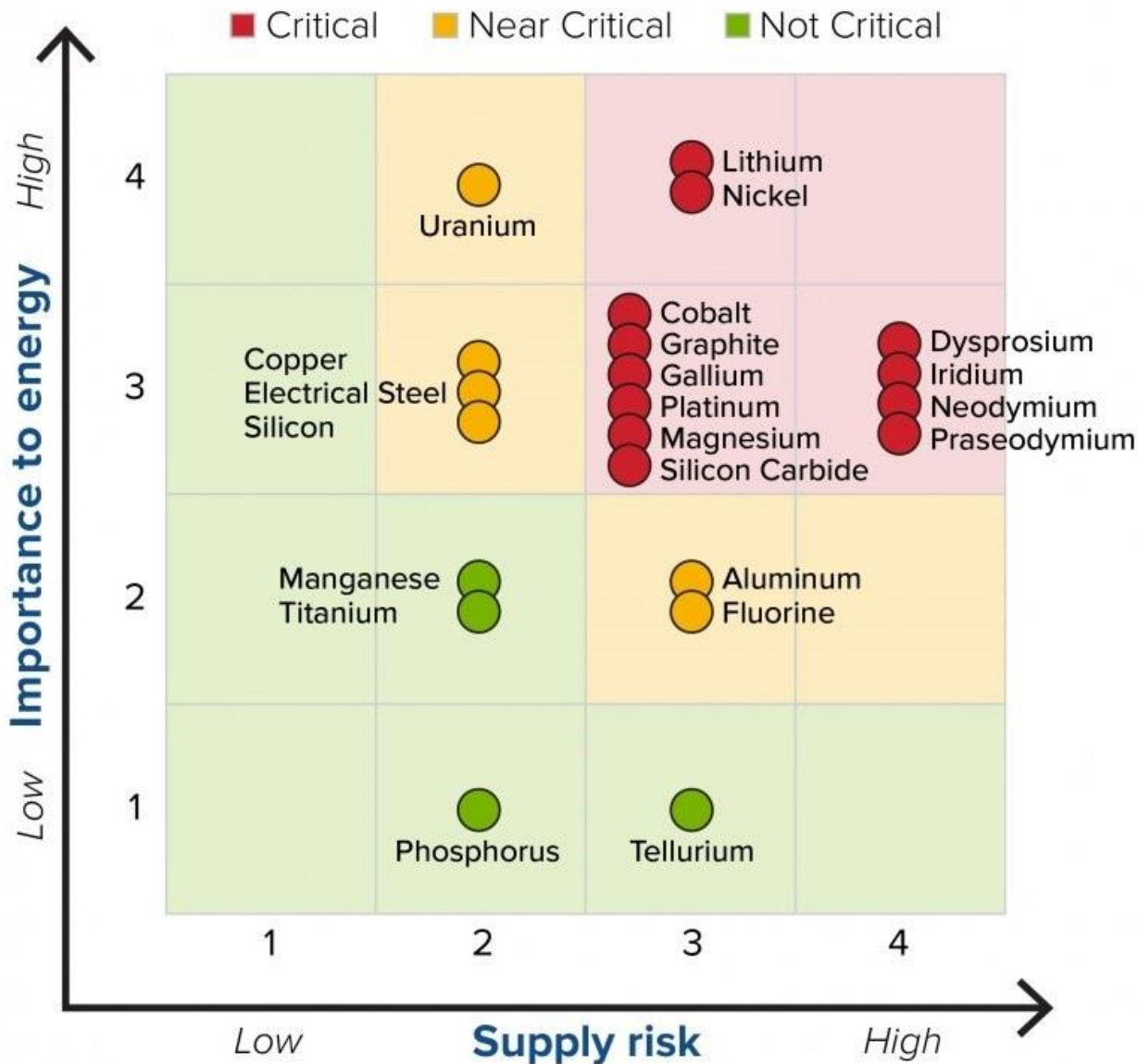


Projected Anode Demand (Mt)



GRAPHITE MARKET

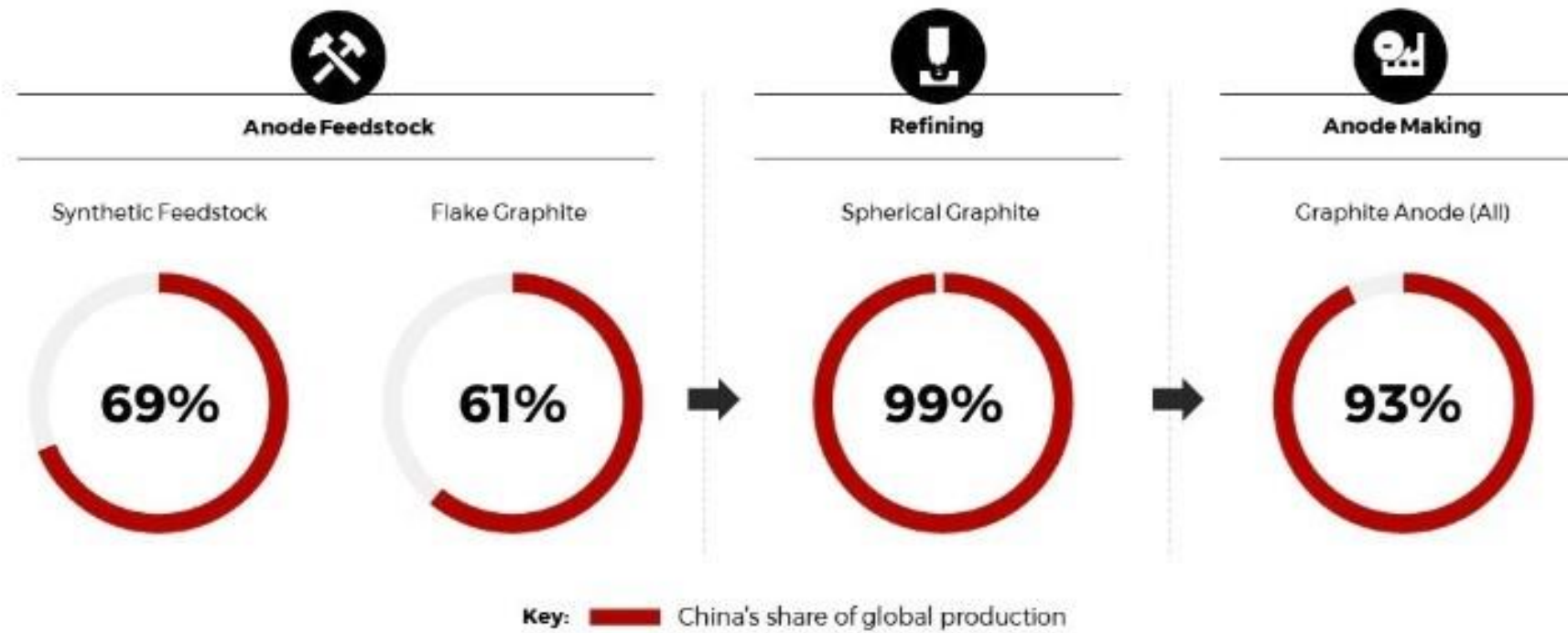
MEDIUM TERM 2025-2035



US Department of Energy 2023

BENCHMARK

China's Dominant Position in the Graphite to Anode Supply Chain



Graphite demand driven by increased EV battery use. Critical Mineral in most jurisdictions.

China main producer of both raw graphite flake and refined spherical graphite for EV battery use.

Export controls from China start Dec 2023.



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Competent Persons Statement

The information in this report that relates to Exploration Targets, Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Richard Maddocks, a Competent Person who is a Fellow of The Australasian Institute of Mining and Metallurgy. Mr. Maddocks is an employee of Kingsland Minerals and owns securities in the company. Richard Maddocks has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Richard Maddocks consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The information in this announcement referring to previous graphite and gallium exploration results is extracted from the reports entitled 'First Holes Intersect 150m of Graphitic Schist' released 25 May 2023, 'First assays reveal extensive high grade graphite at Leliyn' released 15 June 2023, 'Extremely wide intersections with high grades at Leliyn' released 24 July 2023, '158m high grade intersection at Leliyn' released 16 August 2023, 'Diamond core assays confirm high grades over big widths' released 22 August 2023, 'Bonanza intersection 10% Graphite over 206m at Leliyn' released 5 September 2023, and 'Assays reveal significant Gallium by-product potential' released 27 September 2023, these reports are all 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 Leliyn Exploration Target is extracted from the report 'Graphite Exploration Target' created on 21 March 23. 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.'

The Leliyn Graphite Exploration Target is based on historical drill results, petrographical analysis and field reconnaissance conducted by Kingsland. A drilling program, including both Reverse Circulation (RC) and Diamond Core drilling, is currently being conducted to progress the Exploration Target to a Mineral Resource Estimate, depending on successful drilling results. To date, a total of 53 RC holes (5,400m) and 11 Diamond core holes (2,400m) have been drilled. Drilling is scheduled to be complete in mid-November 2023.