



25 July 2023

Kingsland Minerals to present at RRS Investor Twilight Series July 2023

Kingsland Minerals Limited (ASX: KNG) advises that its MD & Chief Executive Officer, Richard Maddocks, will be presenting at the *Resources Rising Stars* Twilight Investor Series – Discovery Edition, which is being held on 25-27 July 2023.

The presentations are being hosted at the following venues in each city:

BRISBANE, TUESDAY 25 July:

Pullman Hotel, Corner Ann And, Roma St, Brisbane City

Time: 3:00pm - 6.30pm (AEST)

MELBOURNE, WEDNESDAY 26 July:

Sofitel on Collins, 25 Collins Street, Melbourne

Time: 3:00pm - 6.30pm (AEST)

SYDNEY, THURSDAY 27 July

The Fullerton Hotel, 1 Martin Place, Sydney

Time: 3:00pm - 6.30pm (AEST)

Investors and shareholders who are interested in attending these events can register via the following link:

[Events | Resource Rising Stars \(resourcesrisingstars.com.au\)](https://resourcesrisingstars.com.au)

A recording of the presentation will be available on Friday, 28 July.

A copy of the Company's PowerPoint presentation to be delivered at these forums is attached.

THIS ANNOUNCEMENT HAS BEEN AUTHORISED FOR RELEASE ON THE ASX BY THE COMPANY'S BOARD OF DIRECTORS



**Large, Leveraged
Australian Graphite
Opportunity
July 2023**

Resources Rising Stars Twilight Series





Important

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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.



Significant Graphite Discovery

Leliyn has scale, Exploration Target of 200-250mt @ 8-11% TGC¹

Leliyn has location, NT Australia

Tier 1 Project in a Tier 1 Location

¹ 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**
- **Market cap at just \$20m (35c), \$5.2m cash, EV \$14.8m, strong news flow from upcoming drilling and metallurgical test-work**

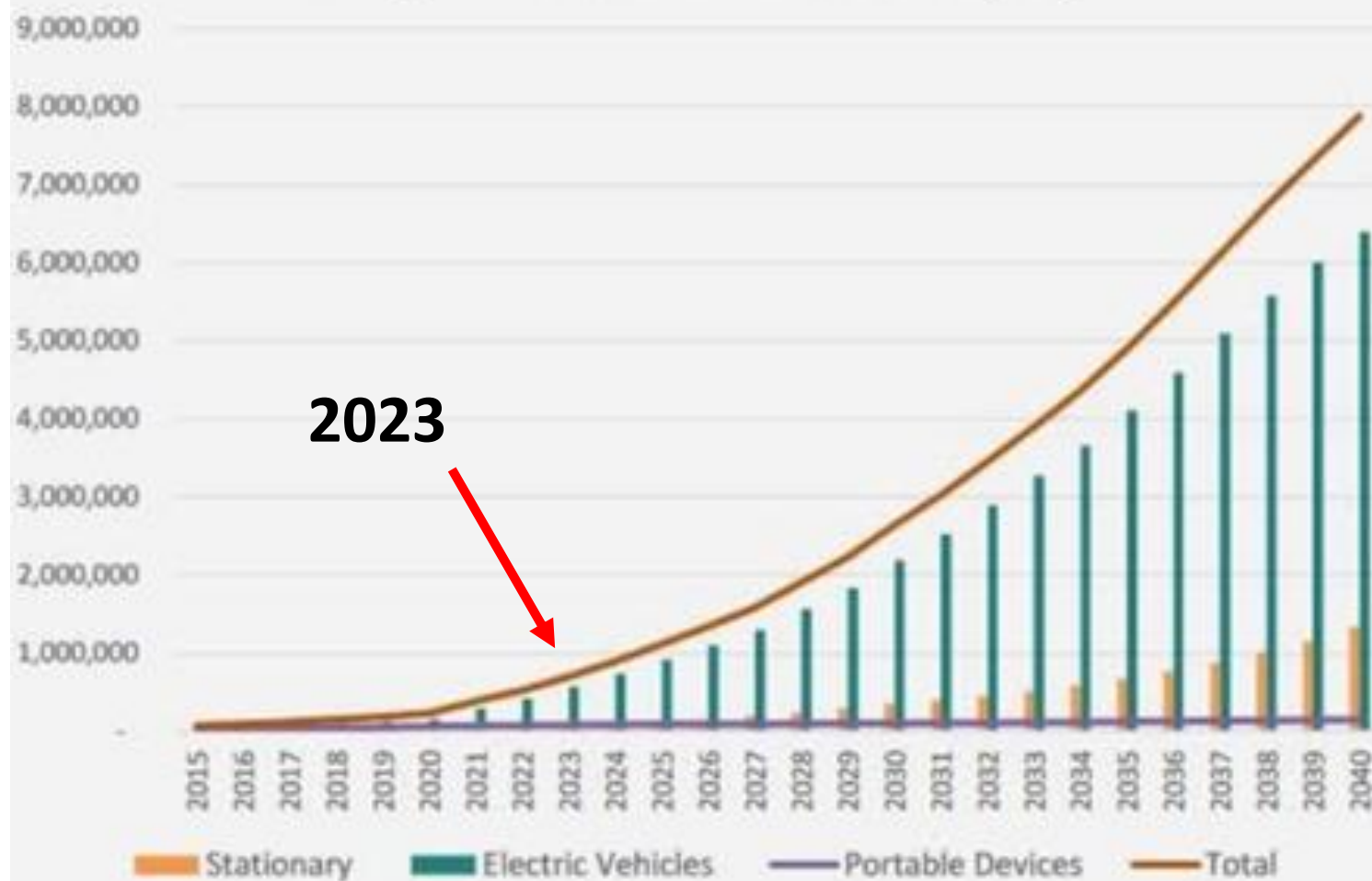
GRAPHITE MARKET

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

Graphite Market Balance (Mt)



Projected Anode Demand (Mt)



Source: Benchmark Mineral Intelligence Q4 2021

GRAPHITE MARKET

HOW MANY MINES DO WE NEED?

As the lithium ion battery revolution gains momentum, **Benchmark** forecasts just how many mines need to be built to keep up with the exceptional volumes of demand for key raw materials expected by 2035.



■ 2022 Supply vs 2035 Demand

Average Mine/Plant Size

No. of Mines/Plants Needed

Natural Graphite



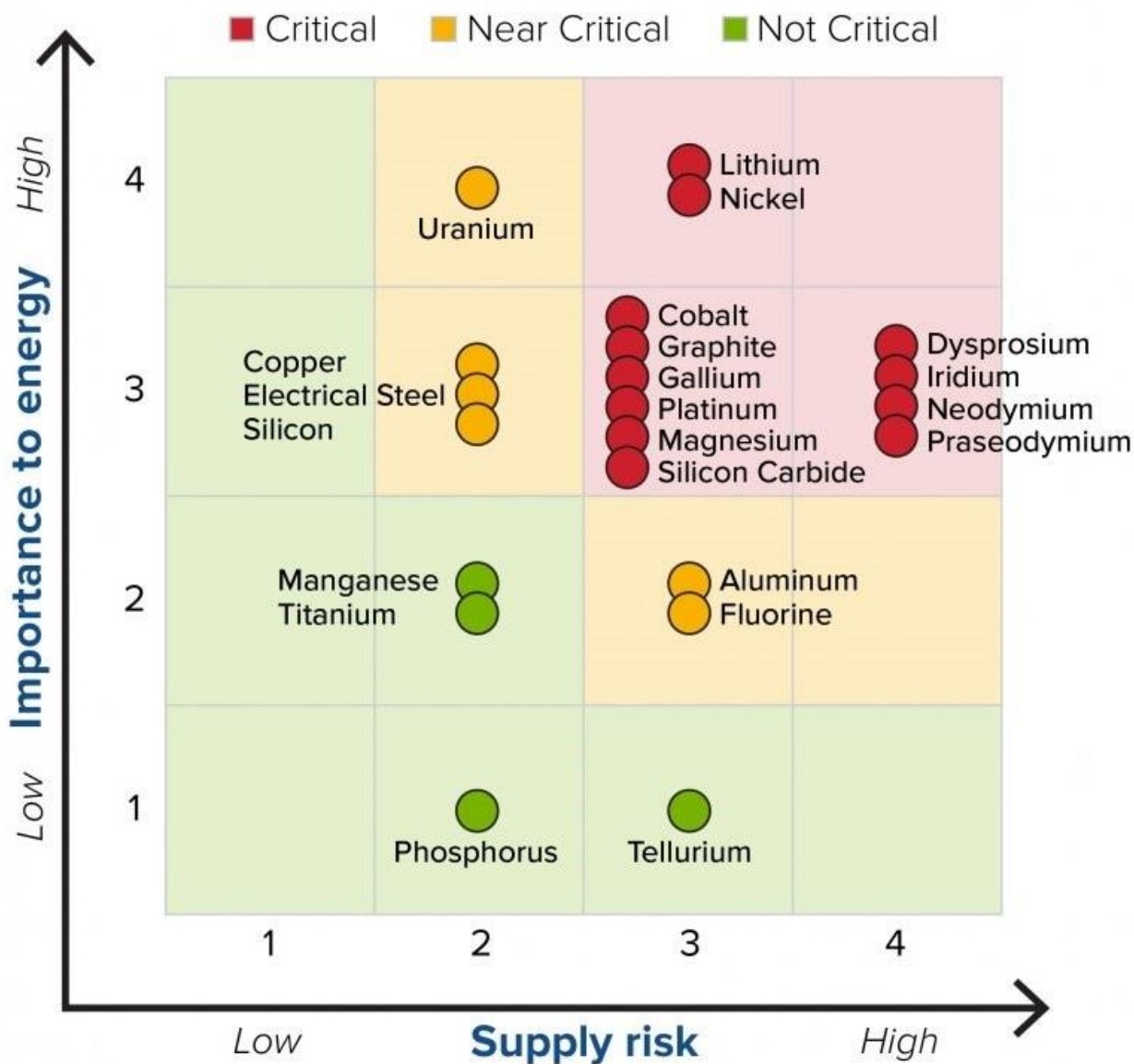
56,000 t



95 new mines of the current average size!

GRAPHITE MARKET

MEDIUM TERM 2025-2035



US Department of Energy 2023

Mining

Graphite	⁶ C Carbon
China	64.6%
Mozambique	12.9%
Madagascar	8.4%
Brazil	6.6%
Others	7.5%

International Renewable Energy Agency 2023

Processing

Graphite	⁶ C Carbon
China*	100%

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.

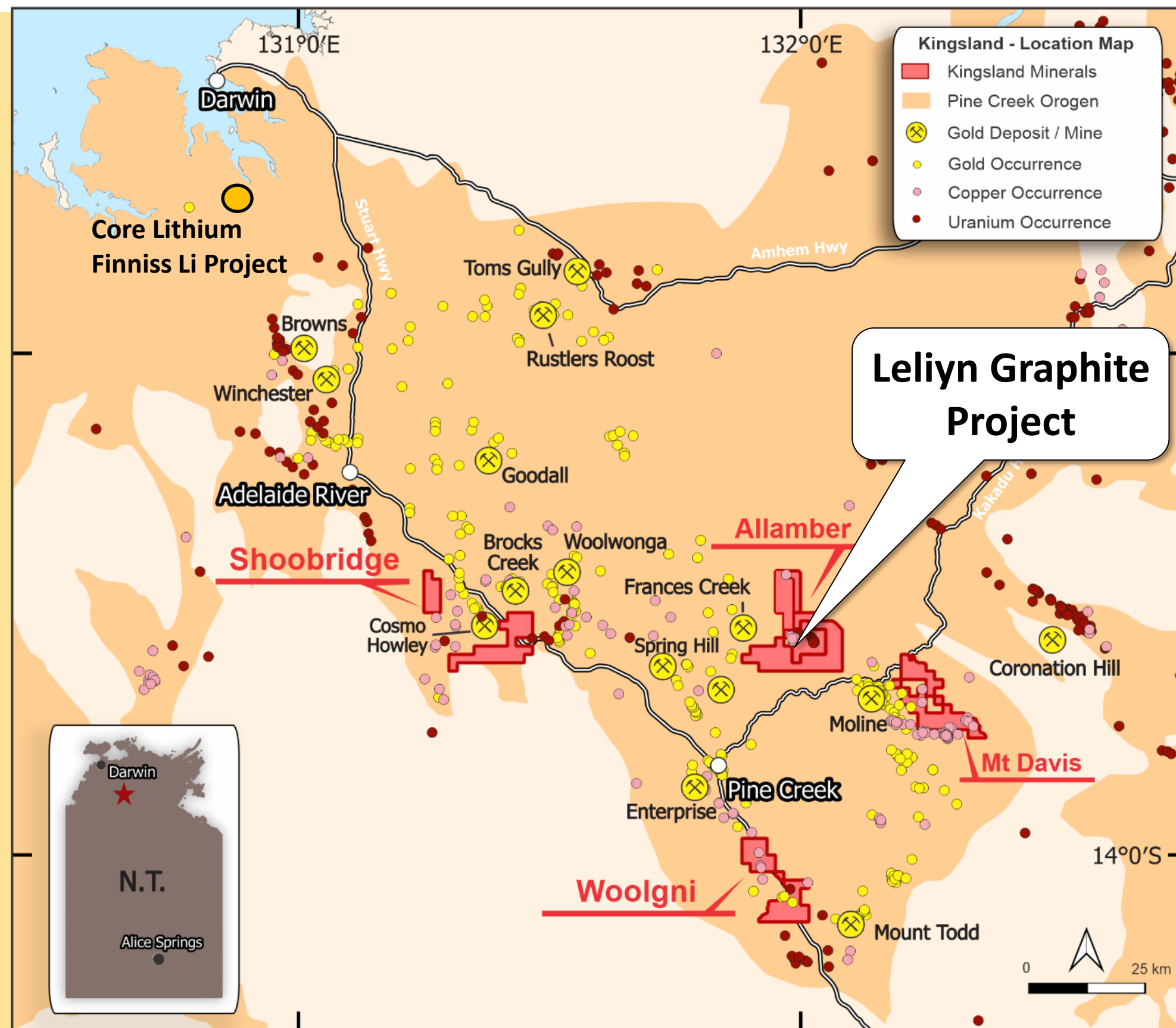
EXCELLENT LOCATION

Excellent location in the Pine Creek mining district

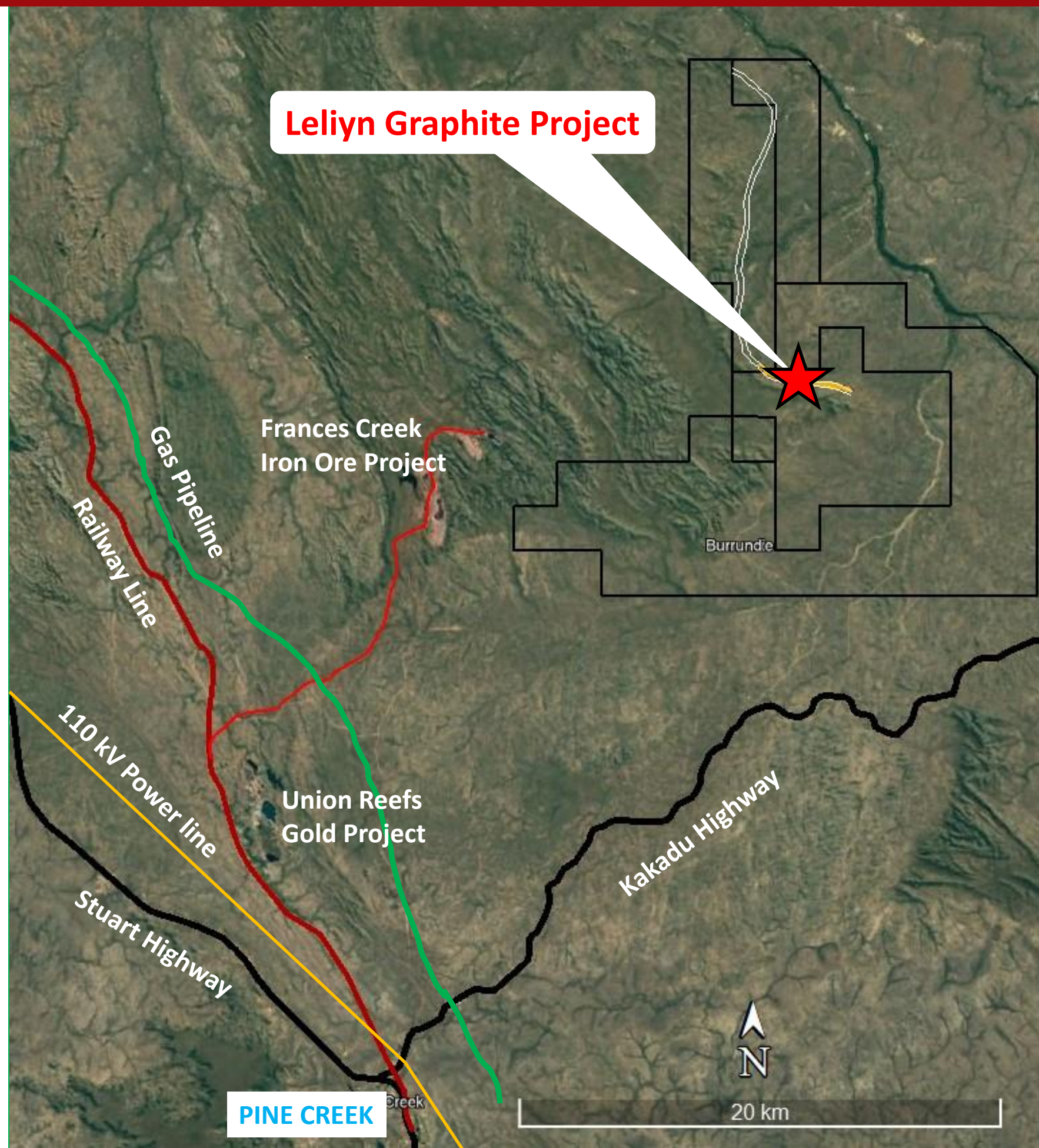
250km from Darwin Port with direct rail access

Existing Infrastructure with a long history of mining and exploration

Located on Perpetual Pastoral Lease



INFRASTRUCTURE IN PLACE



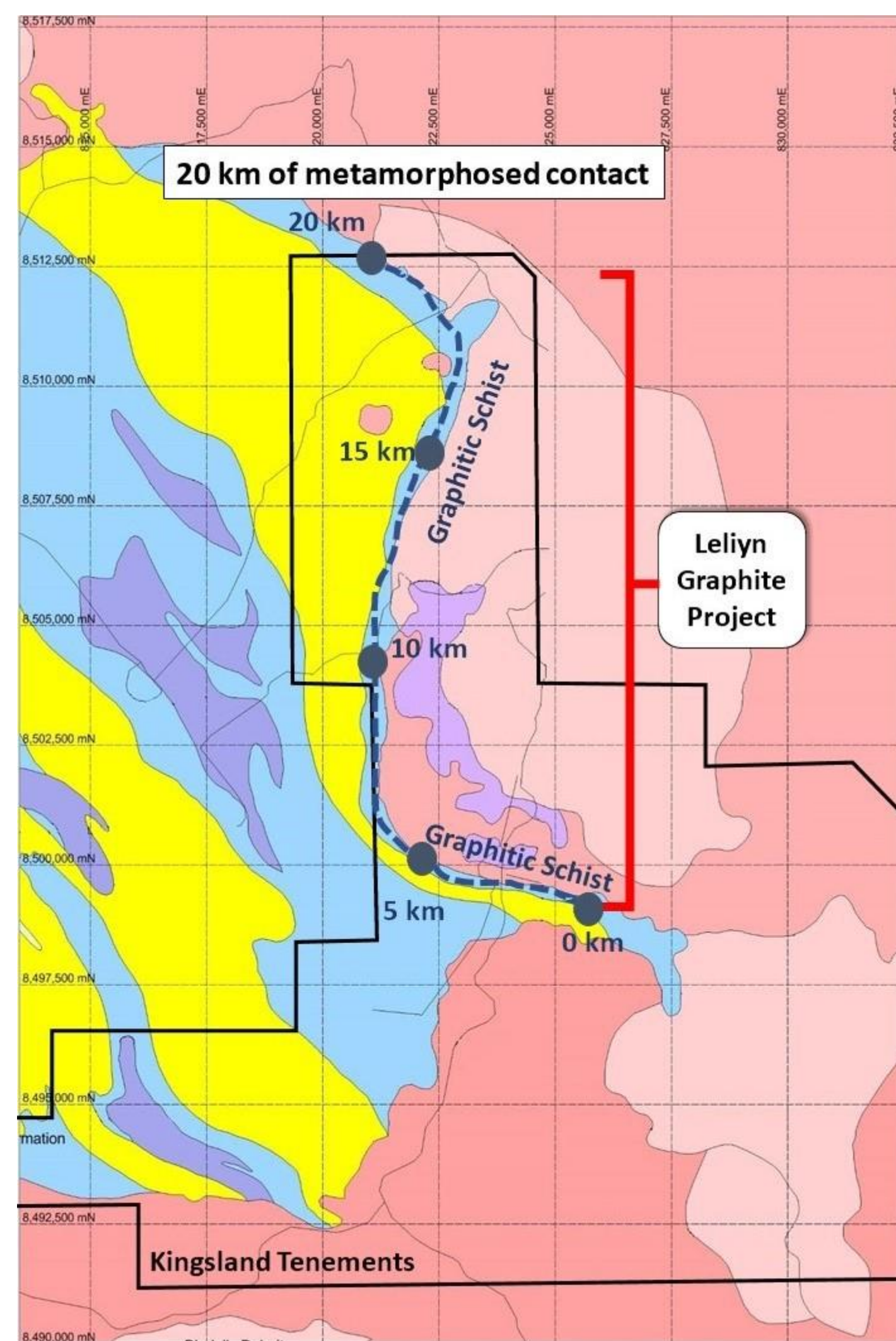
Existing Infrastructure

- 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

Carbonaceous sediments of the Masson Formation have been metamorphosed by intruding Cullen Granite forming graphitic schists.

A total of 20km of this contact is contained within Kingsland tenements

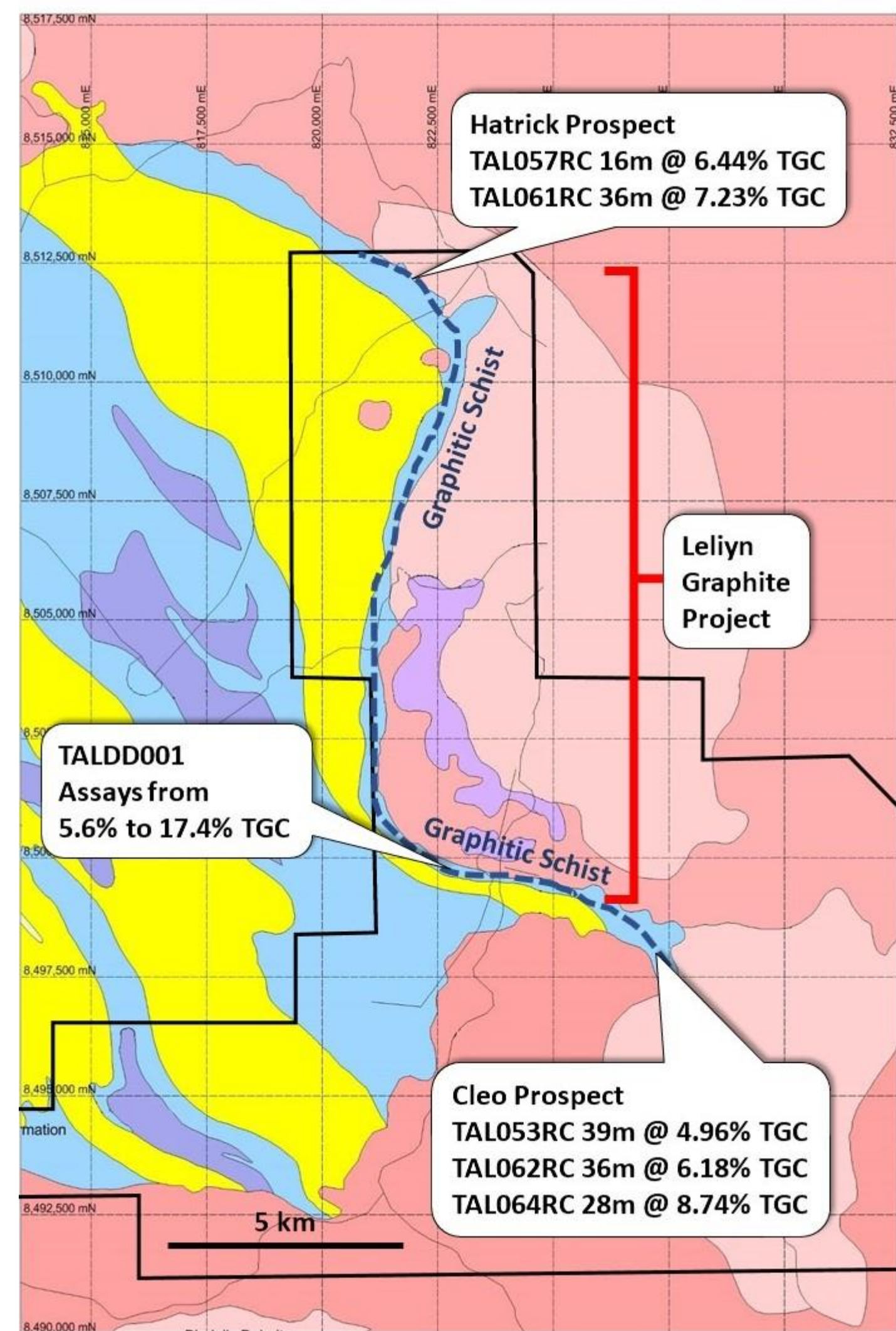


LELIYN GRAPHITE

Previous exploration delineated high TGC grades along the 20km strike length.

Previous drilling was not targeting graphite so reported intersections under-report true widths of graphitic schist and are not representative of TGC grade.

They indicate the presence of high-grade graphitic mineralisation along the 20 km strike



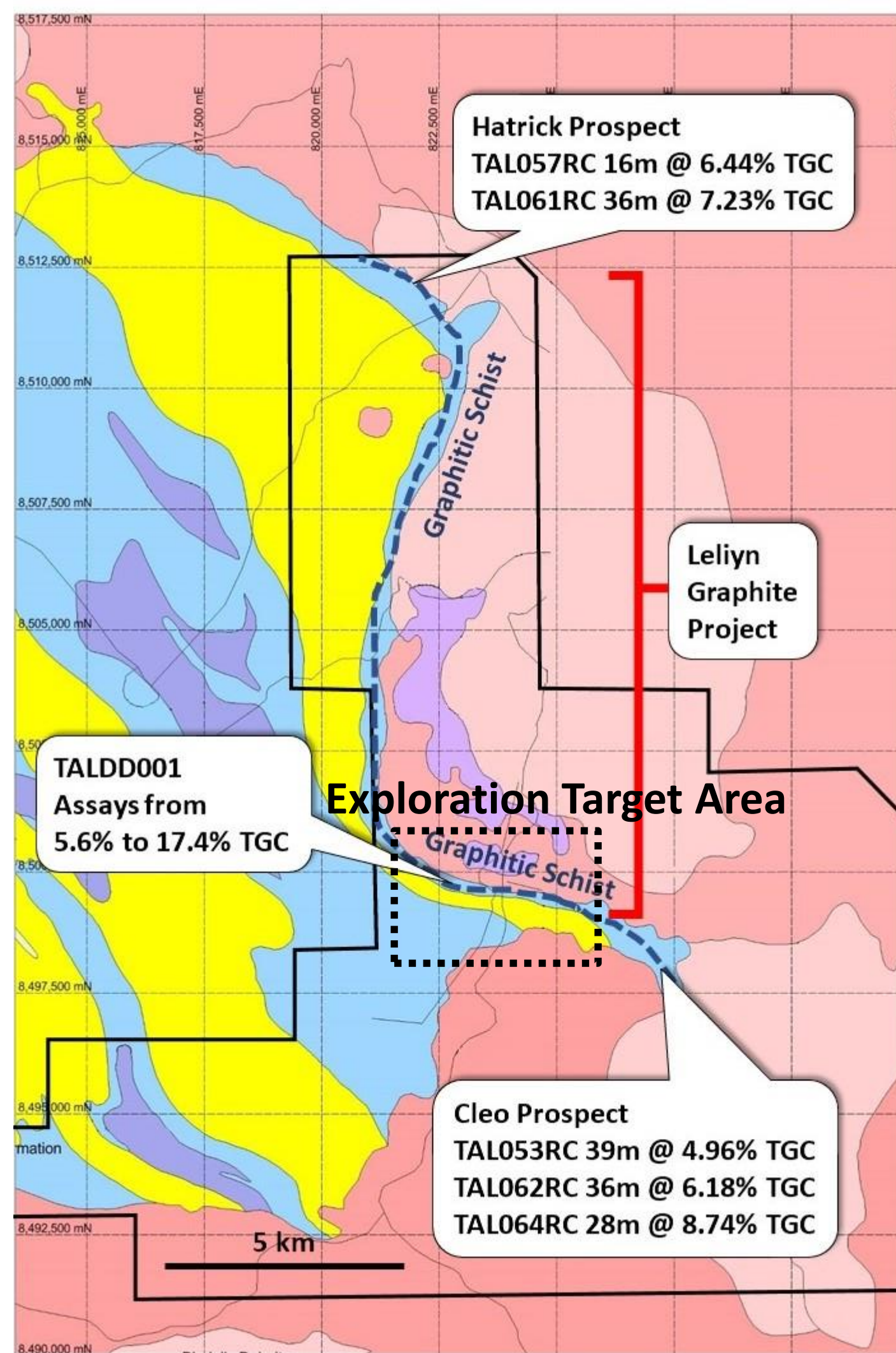
LELIYN GRAPHITE

Exploration Target

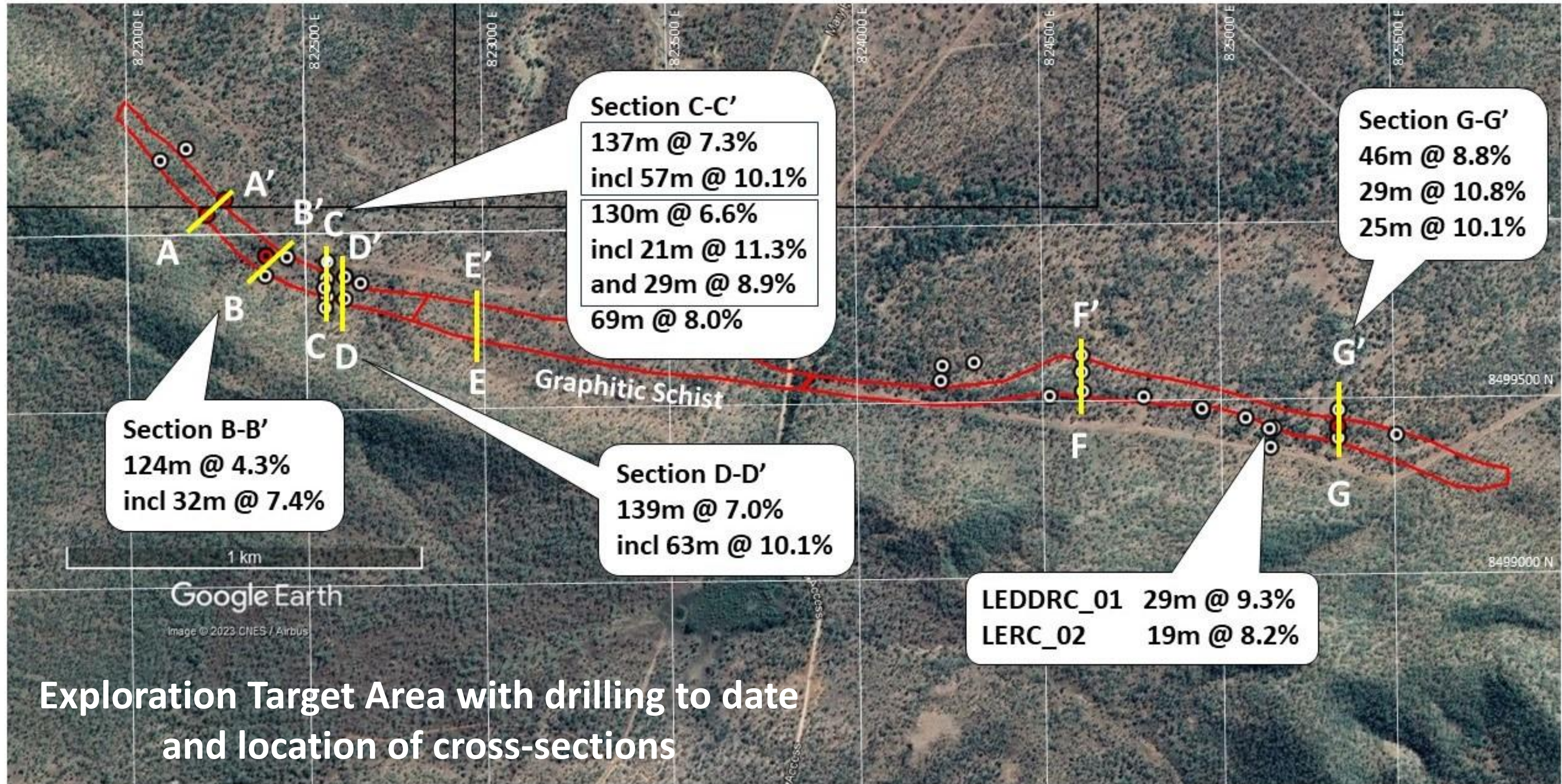
Strike Length **5,000m**
Width **100m**
Depth **200m**
Density **2.5t/m³**

200 – 250mt @ 8 – 11% TGC
Containing 16 – 27mt Graphite

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.

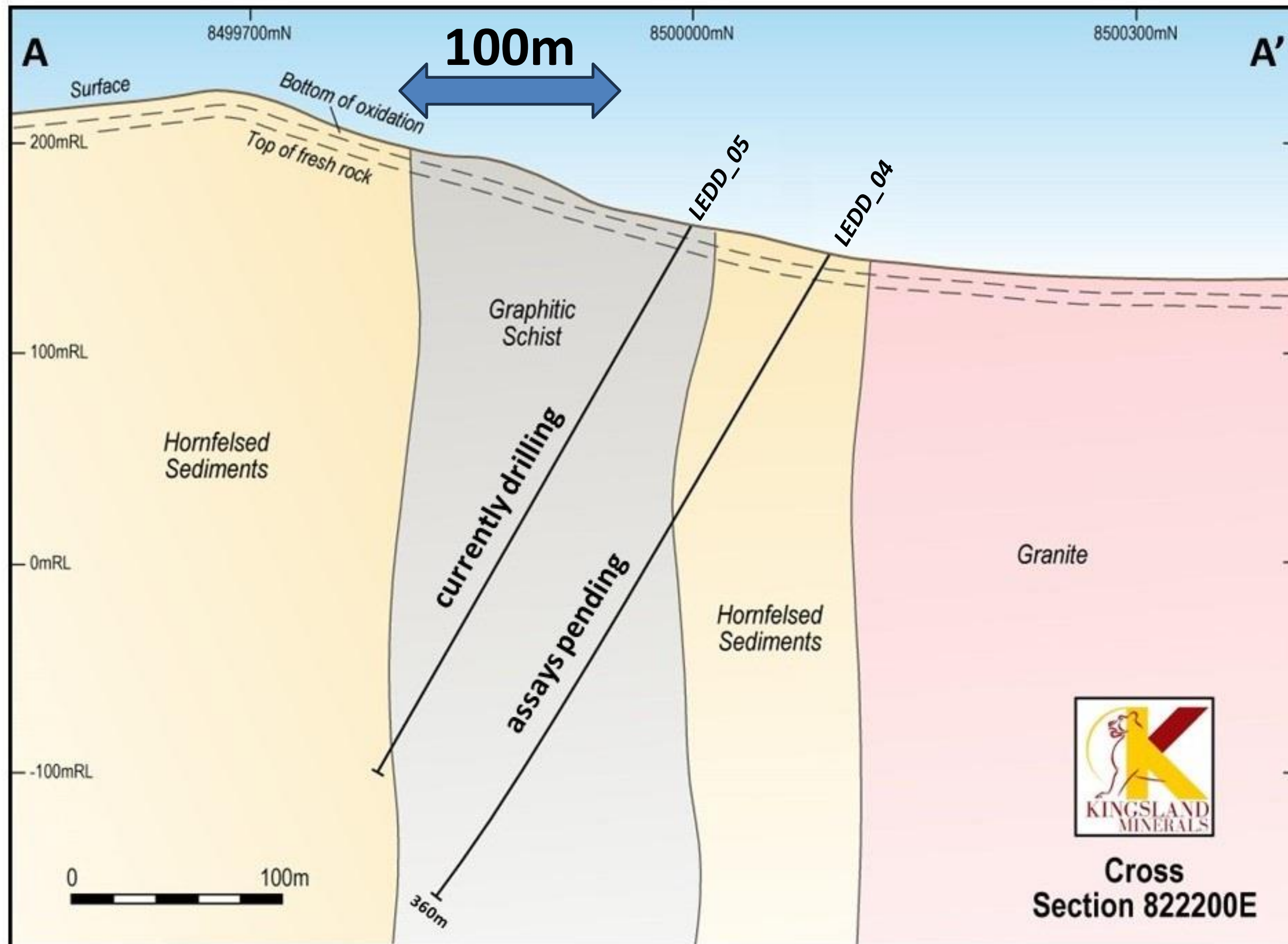


LELIYN GRAPHITE



Exploration Target Area with drilling to date
and location of cross-sections

LELIYN GRAPHITE

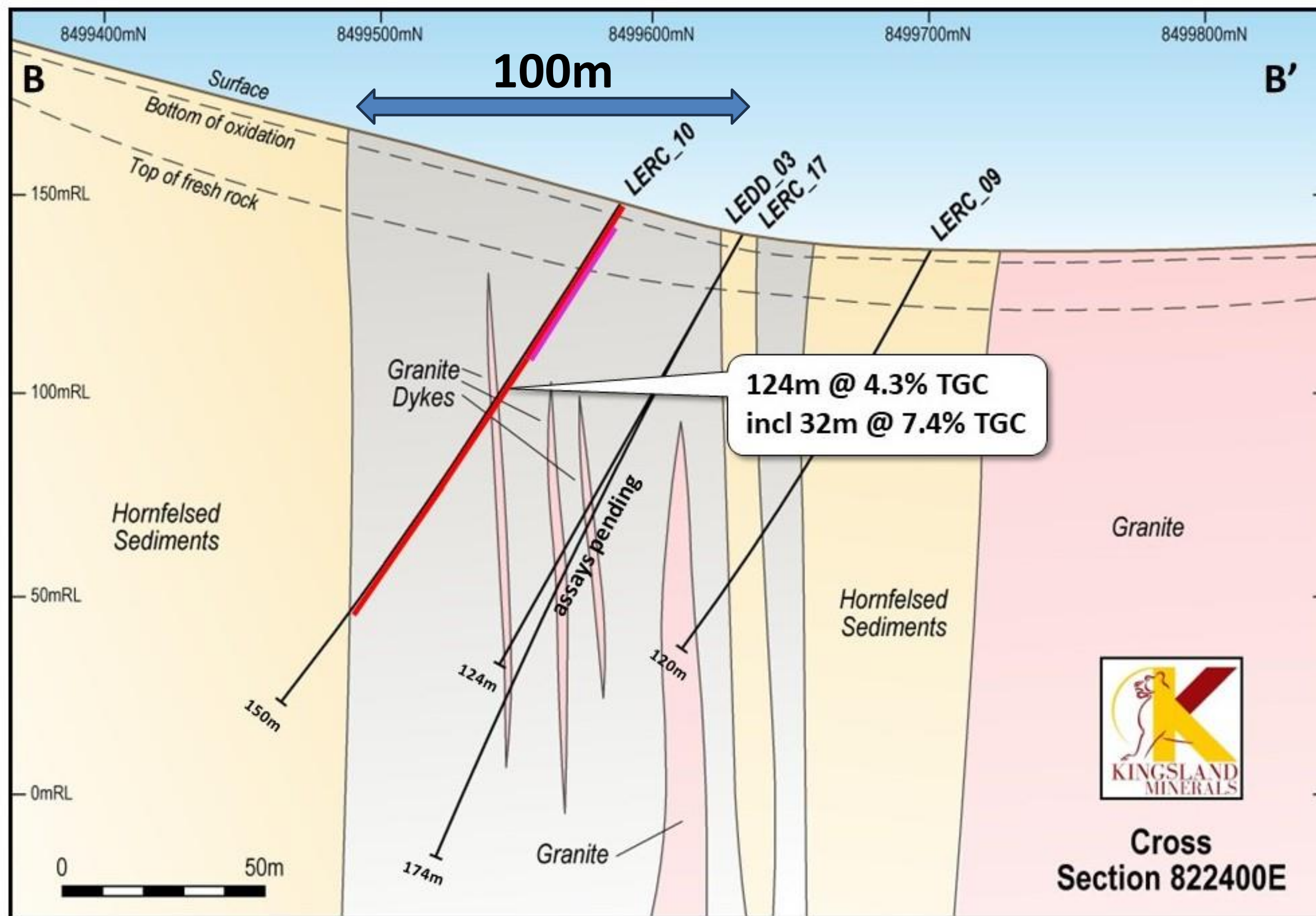


**Core Hole LEDD_04
Intersection 200m
of graphitic schist
and stopped in
graphitic schist.**

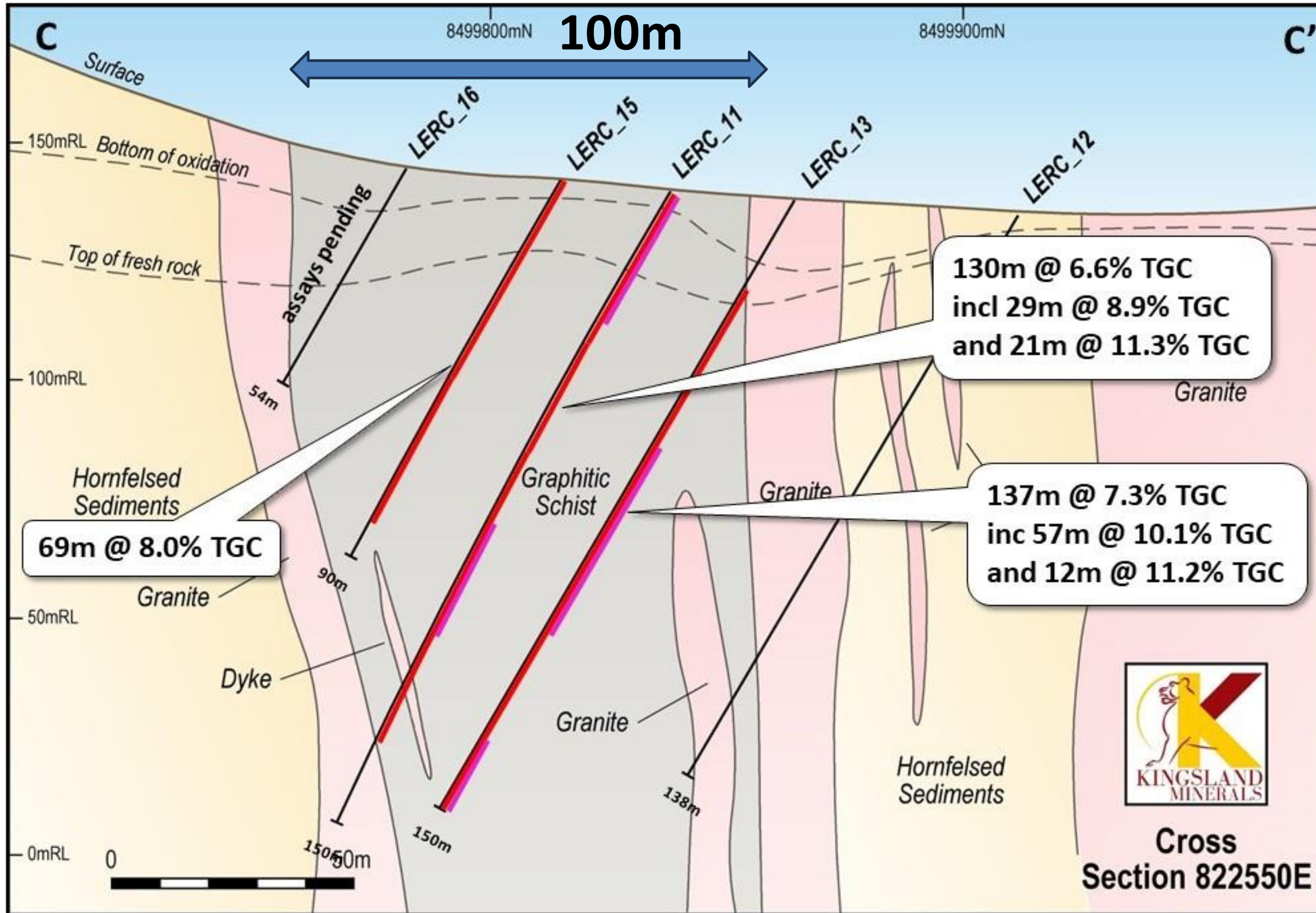
**True width of
graphitic schist at
least 100m.**

**Currently drilling
LEDD_05.**

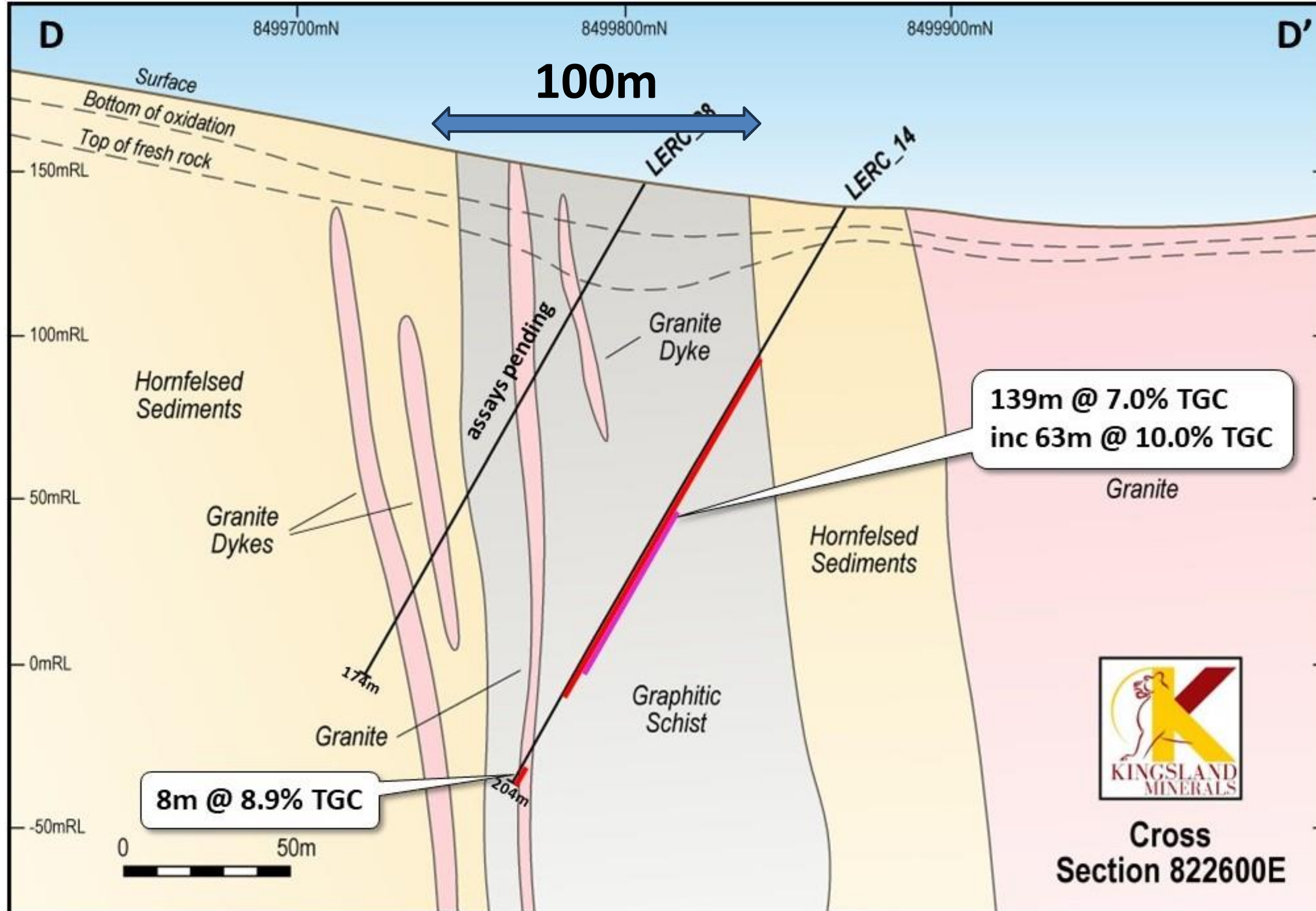
LELIYN GRAPHITE



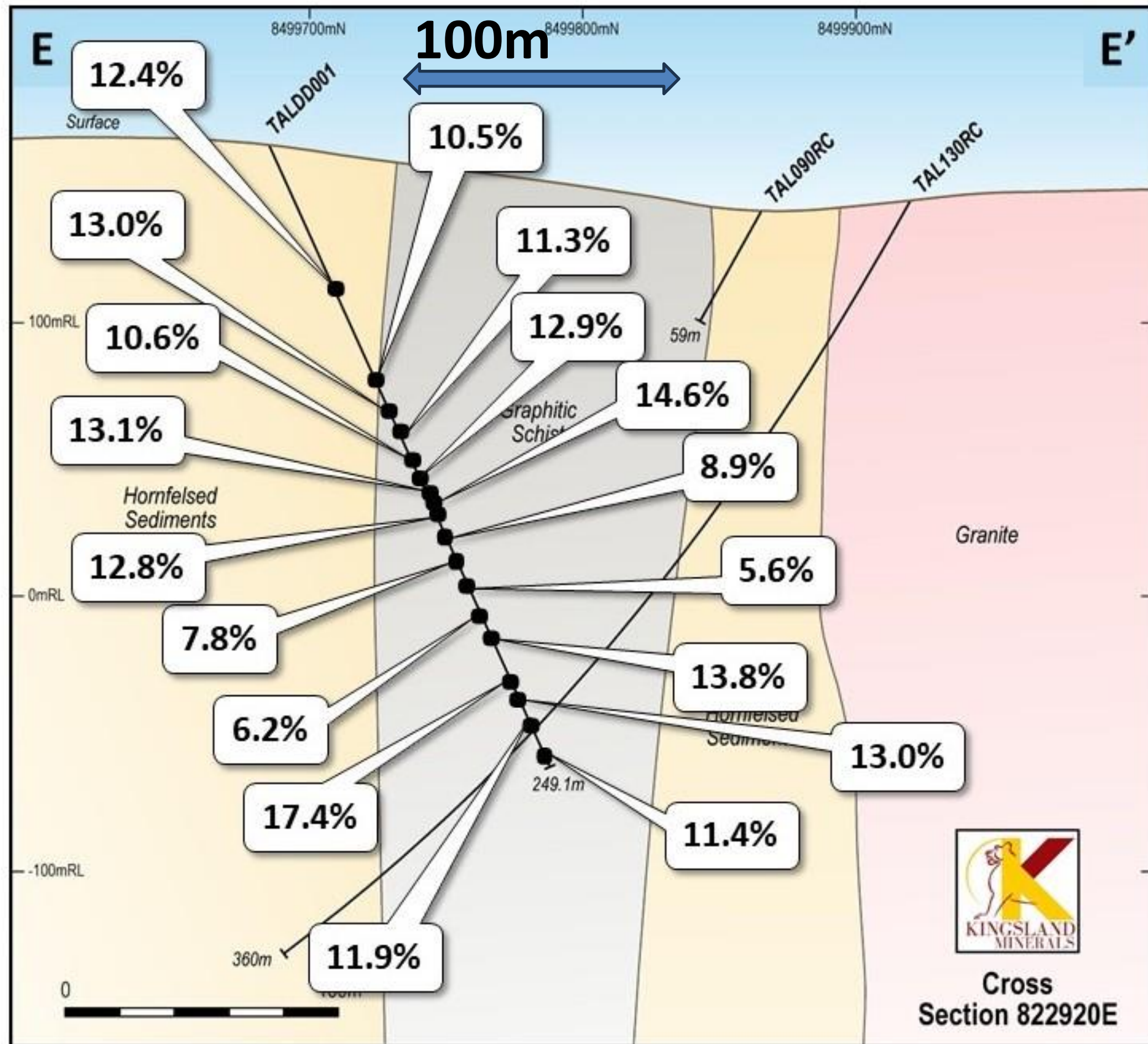
LELIYN GRAPHITE



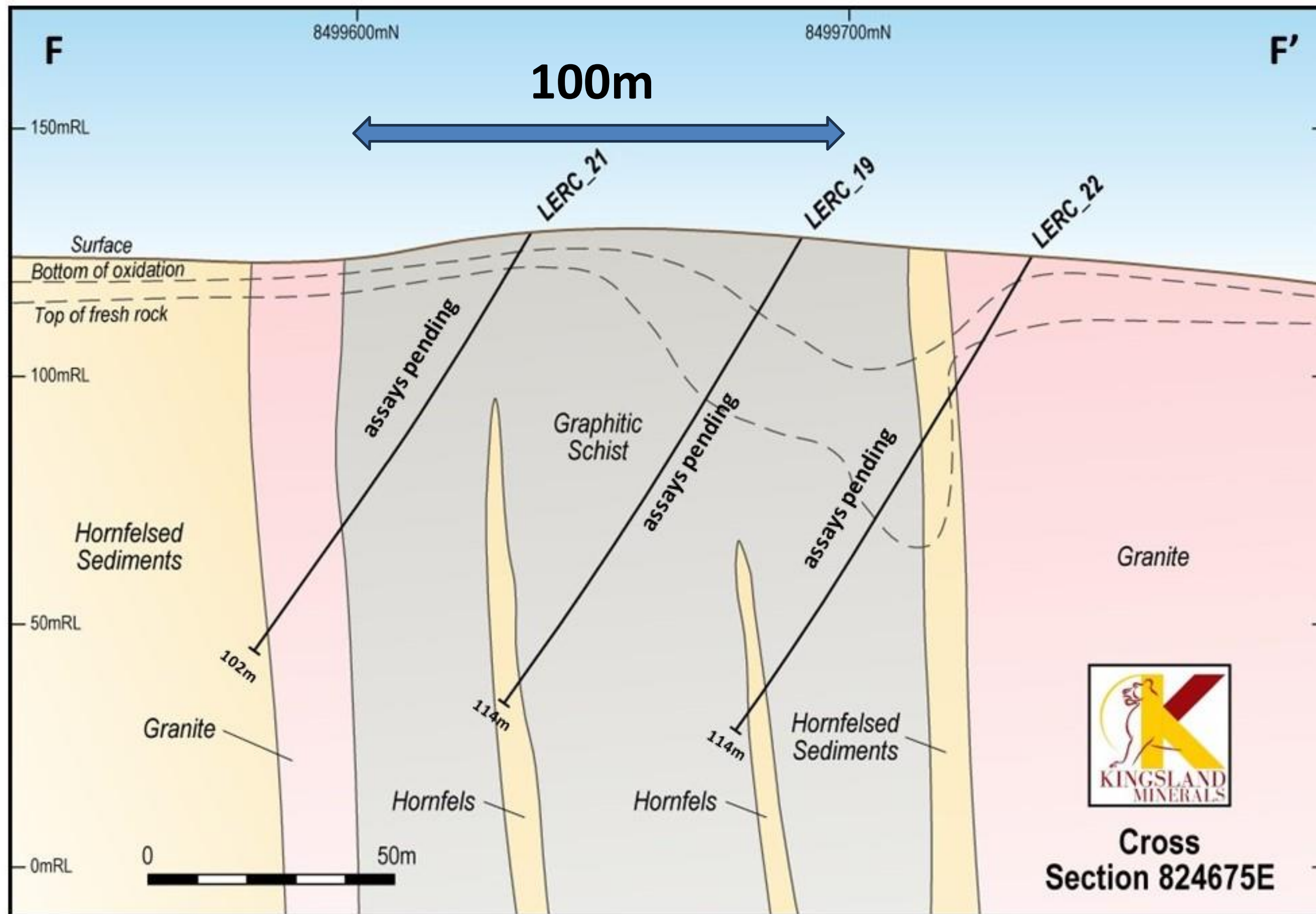
LELIYN GRAPHITE



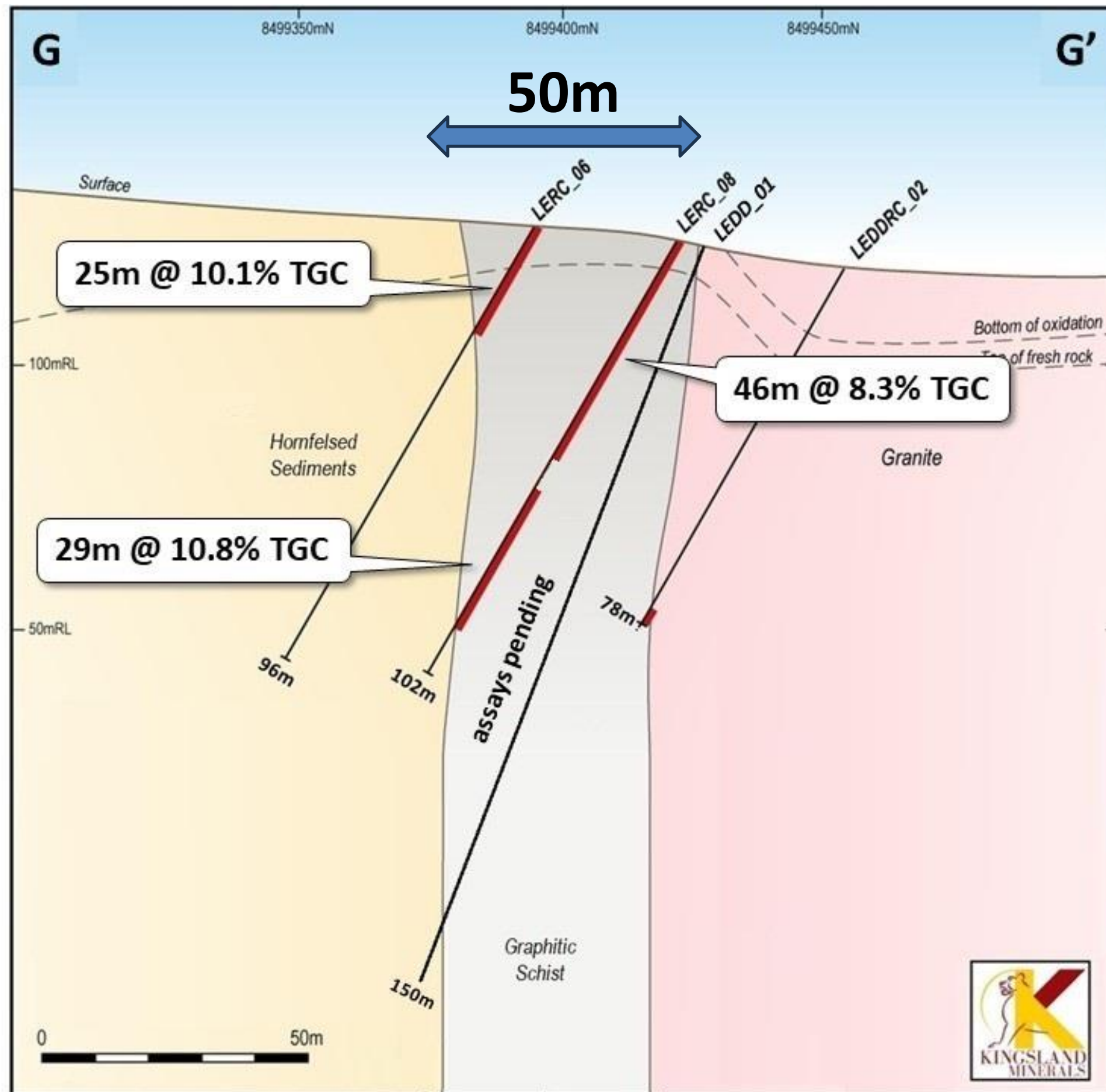
LELIYN GRAPHITE



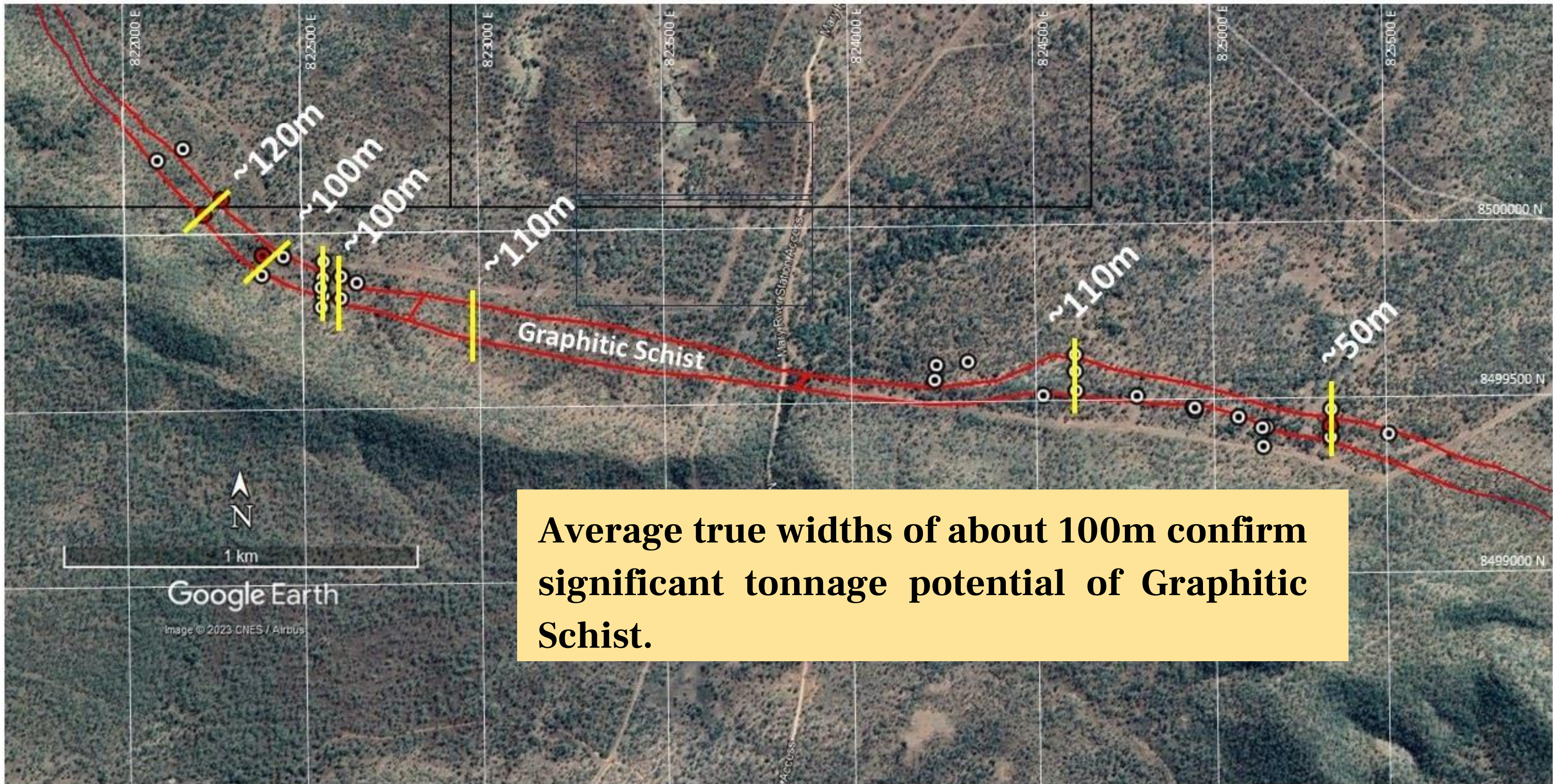
LELIYN GRAPHITE



LELIYN GRAPHITE



LELIYN GRAPHITE



Average true widths of about 100m confirm significant tonnage potential of Graphitic Schist.

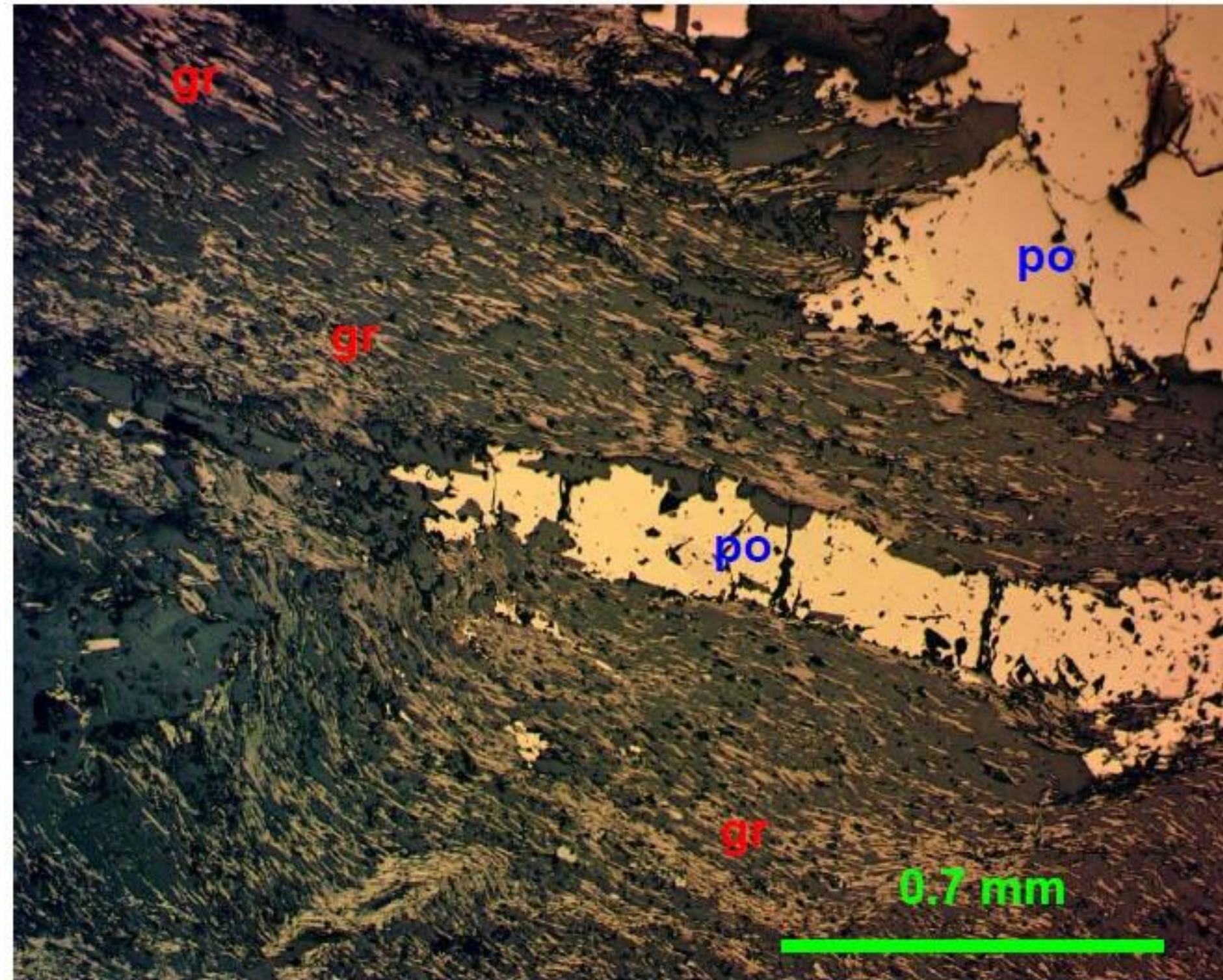
LELIYN GRAPHITE

Sample TPOD2779 195.7m – 195.9m

13.8% TGC

View under reflected light showing remobilised pyrrhotite (po) veins penetrating oriented flake graphite (gr) in the metamorphic matrix. Field of view – 2.2 mm.

Flake size 10-120 micron, avg. 60



LELIYN GRAPHITE

From (m)	To (m)	Length (m)	Sample no.	Total Graphite Content (TGC) %	Petrographic Analysis	
					Flake Size Range (microns)	Flake size average (microns)
61.50	61.60	0.10	TPOD2766	12.4	5 - 90	40
96.75	97.00	0.25	TPOD2767	10.5	20 - 120	70
110.15	110.35	0.20	TPOD2768	13.0	20 - 140	70
118.30	118.60	0.30	TPOD2769	11.3	25 - 120	80
127.80	127.95	0.15	TPOD2770	10.6	20 - 110	60
136.20	136.40	0.20	TPOD2771	12.9	6 - 150	80
145.50	145.70	0.20	TPOD2772	13.1	10 - 120	60
150.45	150.60	0.15	TPOD2773	14.6	12 - 130	70
153.15	153.25	0.10	TPOD2774	12.8	12 - 160	90
162.75	162.95	0.20	TPOD2775	8.9	10 - 80	50
168.80	168.95	0.15	TPOD2776	7.8	10 - 60	30
179.15	179.30	0.15	TPOD2777	5.6	20 - 80	50
189.20	189.40	0.20	TPOD2778	6.2	10 - 120	60
195.70	195.90	0.20	TPOD2779	13.8	10 - 120	60
216.60	216.80	0.20	TPOD2780	17.4	5 - 20	10
225.25	225.50	0.25	TPOD2781	13.0	3 - 20	10
240.35	240.55	0.20	TPOD2782	11.9	3 - 40	20
246.45	246.65	0.20	TPOD2783	11.4	2 - 80	30

Petrographic analysis indicates graphite flake size up to 160 micron with average around 50 – 80 micron.

Good size for uncoated spherical graphite production for EV batteries

LELIYN GRAPHITE

- ✓ Graphitic Schist ~100m wide
- ✓ Strike length 20km
- ✓ High grade Graphite
- ✓ Flake size up to 160 microns
- ✓ Outcropping at surface
- ✓ Steeply dipping
- ✓ Simple geology
- ✓ Open at Depth > 200m



Outcropping Graphitic Schist

LELIYN GRAPHITE – GOING FORWARD

- Drilling proving up tonnage and grade potential**
Drilling progressing in 2023 to provide sufficient data for Mineral Resource Estimation (March qtr. 2024)
- Collecting samples for thin section petrography**
will provide mineralogy and flake size analysis (Sept qtr. 2023)
- Samples to be collected for initial metallurgy**
initial work for flotation recovery, concentrate grade and flake size analysis (start in Sept qtr. 2023)
- More advanced metallurgy test-work**
assess optimal end-use for graphite concentrate, suitability for EV battery use



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Leliyn has scale, Exploration Target of 200-250mt @ 8-11% TGC¹

Leliyn has location, NT Australia

Tier 1 Project in a Tier 1 Location

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Capital Structure

Listed: 14 June 2022

Shares on issue (KNG)	58.3m
Options on issue (KNGO)	18.7m
Cash 30 June 2023	\$5.2m
Market Cap (\$0.35) 24 July 2023	\$20.0m
Enterprise Value	\$15.5m



Top 20 Shareholders



Major Shareholders

Directors	19.7%
Bacchus Resources Pty Ltd	8.6%
Trafalgar Resources Pty Ltd	7.0%



Board of Directors



Mal Randall

Chairman BAppSc (Chemistry), FAICD

- Mr Randall holds a Bachelor of Applied Chemistry Degree
- Extensive experience in corporate, management and marketing in the resource sector.
- Experience covers a diverse range of mineral activities including Base Metals and Uranium.
- Mal is currently also on the board of Ora gold, Argosy Minerals Limited and Hastings Technology Metals Limited.



Richard Maddocks

Managing Director, MSc (Mineral Economics), BAppSc (Geology), Grad Dip (Finance and 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, 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 mineral producers
- Former director of ASX Tyranna Resources, IronClad Mining, Fox Resources.



Nick Revell

Director BAppSc (Geology)

- Geologist with 30 years mining and geology experience
- Significant experience in production and exploration of gold, base metals and uranium.
- Former director of ASX Tyranna Resources, Orinoco Gold, Sunseeker Resources and Allup Silica



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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 regarding Exploration Results and Exploration Target for the Leliyn Project is extracted from the reports entitled 'Significant Graphite Discovery' created on 1 February 2023, 'Graphite Exploration Target' created on 21 March 2023, 'First holes intersect 150m of graphite schist at Leliyn' created on 25 May 2023 and 'First Assays Reveal Extensive high-grade graphite at Leliyn' created on 15 June 2023, 'Extremely wide intersections with high grade at Leliyn' created on 24 July 2023 and available to view on www.kingslandminerals.com.au. 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.