

19 November 2024

AGM Presentation

Greenvale Energy Limited (ASX: **GRV**, "**Greenvale**" or "**the Company**") is pleased to provide the AGM Presentation for tomorrow's Annual General Meeting to be held at 11:00am (Brisbane time) on Wednesday, 20 November 2024 at Level 7, Suite 2, 490 Upper Edward Street, Spring Hill, QLD 4000.

Shareholder can join the meeting by clicking on the below link;

Join Zoom Meeting

Time: Nov 20, 2024 11:00 AM Brisbane

<https://us05web.zoom.us/j/89922412886?pwd=QDUFU1wQoyWxpblRbTRQ6bkWb5mSR.1>

Meeting ID: 899 2241 2886

Passcode: uL5cV2

Authorised for release:

This announcement has been approved by the Board of Greenvale for release.

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Engage and Contribute: Investor Hub

Greenvale Energy Interactive Investor Hub

Engage with Greenvale directly by asking questions, watching video summaries and seeing what other shareholders have to say about this, as well as past announcements.

Join our Investor Hub



Visit <http://investorhub.greenvaleenergy.com.au/welcome>

REGISTERED OFFICE:

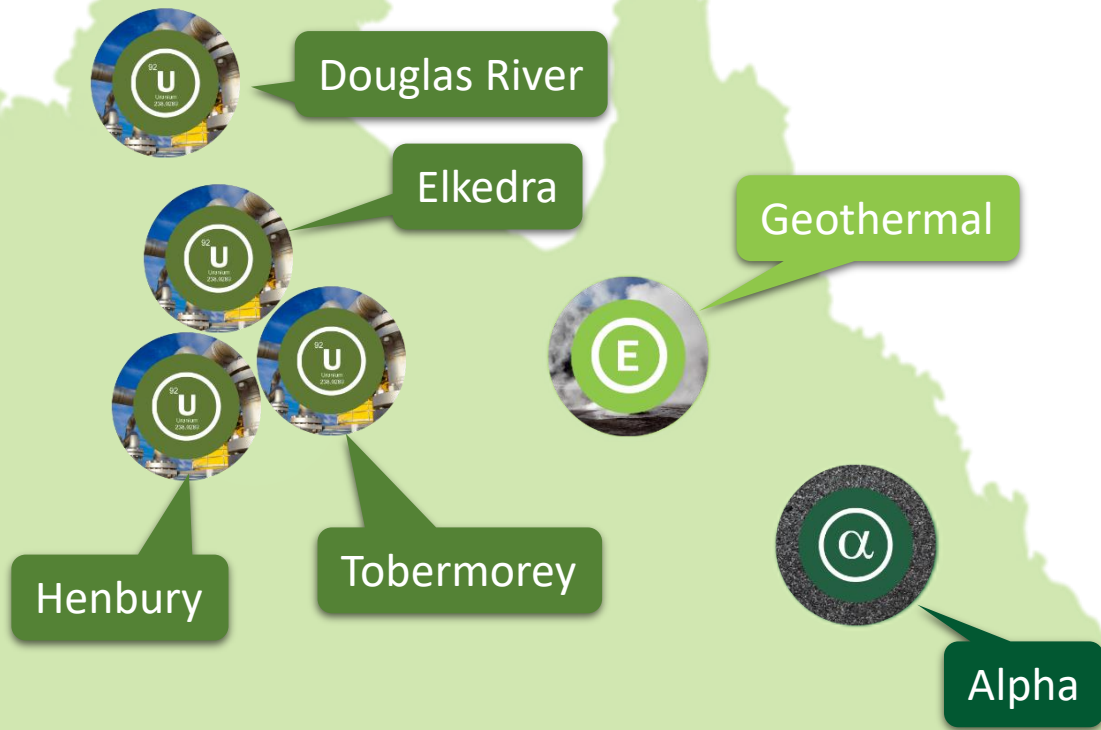
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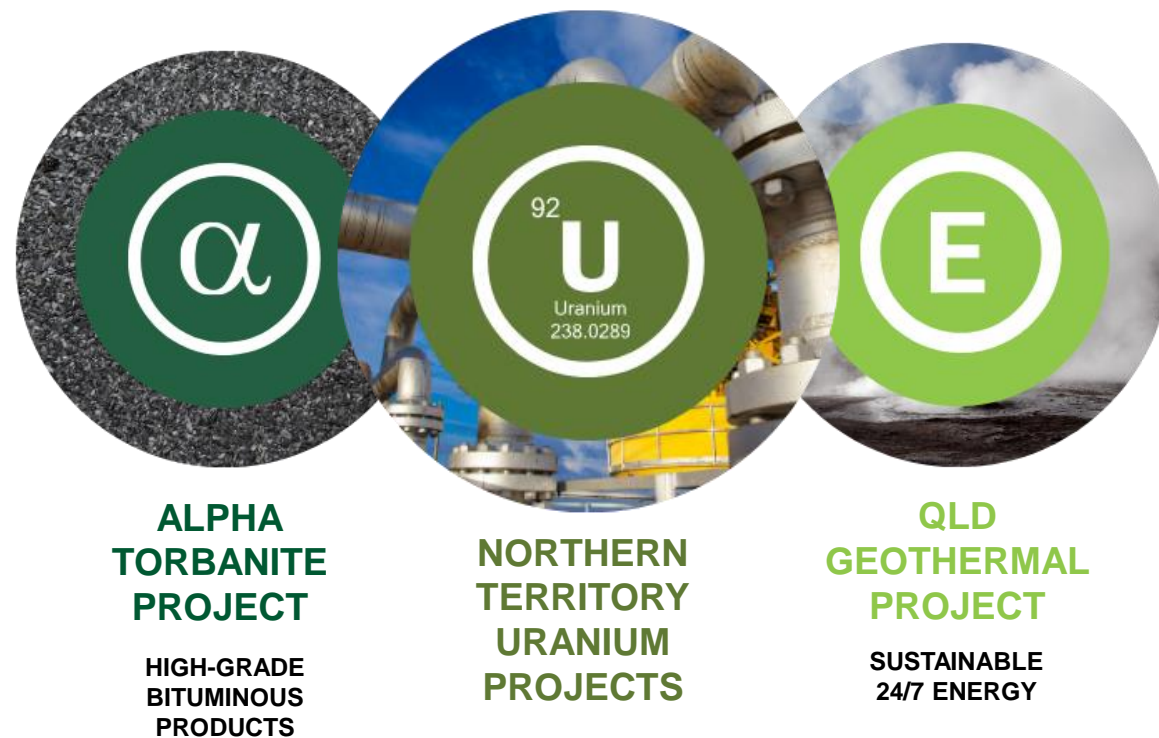
Moving towards a New Energy Future

High-value *Bitumen, Geothermal and Uranium* assets

Greenvale Energy – Our Value Proposition



FUTURE-FOCUSED HIGH-QUALITY ASSETS



*Projects capable of delivering **high-value products** into strongly **growing markets**...*

Important Information

DISCLAIMER

This document and all other information (whether in writing or otherwise) which may be made available, or part thereof does not:

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- b) rights and liabilities attaching to the Company's securities.

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FORWARD-LOOKING STATEMENTS

This presentation contains forward looking statements. Forward looking statements are often, but not always, identified by the use of words such as "seek", "target", "anticipate", "forecast", "believe", "plan", "estimate", "expect" and "intend" and statements that an event or result "may", "will", "should", "could" or "might" occur or be achieved and other similar

expressions.

The forward-looking statements in this presentation are based on current expectations, estimates, forecasts and projections about Greenvale Energy and the industry in which they operate. However, please note, they do relate to future matters and thus are subject to various inherent risks and uncertainties. Actual events or results may differ materially from the events or results expressed or implied by any forward-looking statements.

The past performance of Greenvale Energy is no guarantee of future performance.

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You are cautioned place no undue reliance on any forward-looking statement. The forward-looking statements in this presentation reflect views held only as at the date of this presentation.

COMPETENT PERSON STATEMENT

The information in this presentation that relates to the Alpha Mineral Resource Estimate is based on information compiled by Mr. Carl D'Silva, a Competent Person who is a Member of The Australasian Institute of Mining and Metallurgy (Member number 333432). Mr. D'Silva is a full-time employee of SRK Consulting (Australasia) Pty Ltd, a group engaged by the Company in a consulting capacity.

Mr D'Silva 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'. Mr D'Silva consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The Company confirms that it is not aware of any new information or data that materially affects the information included in the Mineral Resource Estimate dated 9 March 2022 as announced to the ASX on that date and which is available at www.greenvaleenergy.com.au. The Company confirms that in relation to the Alpha Torbanite Project Mineral Resource Estimate, all material assumptions and technical parameters underpinning the estimate continue to apply and have not materially changed when referring to its resource announcement made on 9 March 2022.

The information in this presentation that relates to liquefaction testing is based on information compiled by David Cavanagh, a Competent Person who is a Member of The Australasian Institute of Mining and Metallurgy AusIMM Member number 112318. David Cavanagh is a full-time employee of Core Resources.

David Cavanagh 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'. David Cavanagh consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

GRV: Corporate Summary

CAPITAL STRUCTURE

459M

Shares
on issue

20M

Performance Rights
on issue

\$12.00M

Market Capitalisation
(12 Nov 2024)

\$2.6M

Cash at Bank
(12 Nov 2024)¹

\$0.024

Share Price
(12 Nov 2024)

\$1.6M

Liquid Investments
(12 Nov 2024)

44%

Top 20
Shareholders

21%

Directors Shareholding

¹ Represented by cash at bank at 12 Nov 2024, plus amounts received from the Company's 2023 R&D tax grant (July 2024) and proceeds from the disposal of the Astute Metals NL investments (August 2024).

BOARD & MANAGEMENT



Neil Biddle
Executive Chairman

Geologist with +35 years' experience in exploration and mining. Founding Director of Pilbara Minerals, where he oversaw the acquisition, exploration and development of the world-class Pilgangoora Lithium Project.



John Barr
Non-Executive Director

Chartered Accountant with +25 years experience as director of various companies. Founding Director of Mosman Oil and Gas Limited. Extensive Australian and international experience with exposure to manufacturing, mining and oil gas industries



Elias Khouri
Non-Executive Director

Extensive experience in equity markets, with expertise in corporate finance, advisory, capital raisings, joint venture and farm-in negotiations.



Peter Harding-Smith
Chief Financial Officer & Company Secretary

Extensive experience in all aspects of company financial reporting, corporate regulatory and governance areas, business acquisition and disposal due diligence, capital raising, company initial public offerings and company secretarial responsibilities



Mark Turner
Technical consultant- Alpha

Engineer with +25 years' experience in the energy sector and a proven track record of major project delivery in oil & gas, water, power, renewables, and nuclear projects.



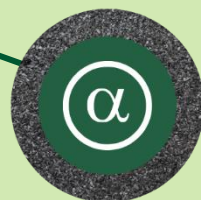
Zoe Stackhouse
Principal Geologist

Geologist with +15 years' experience in unconventional gas exploration and production. Secretary - Australian Geothermal Association

Alpha Torbanite Project

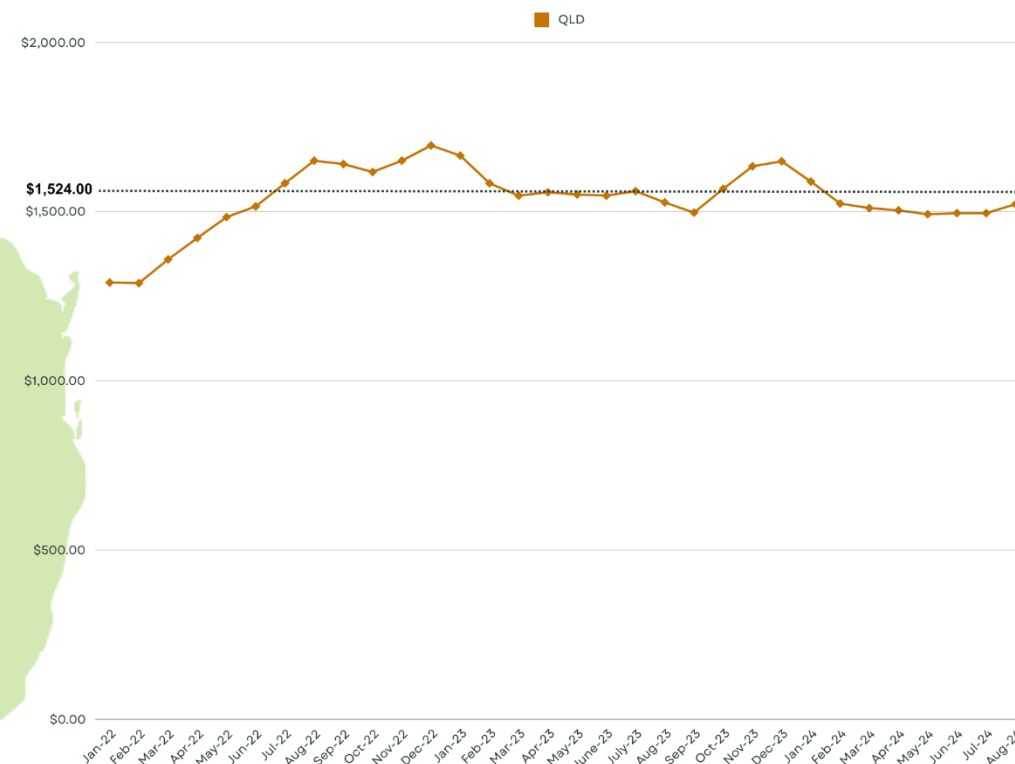
UNIQUE, HIGH-VALUE PROJECT GEARED TO AUSTRALIA'S BURGEONING INFRASTRUCTURE NEEDS

Rare, high-value torbanite deposit located in central Queensland, 500km west of Rockhampton



- One of only two known torbanite deposits in Australia
- Mineral Reserve Estimate of 28Mt of combined cannelite and torbanite* (51% increase from maiden MRE).
- Potential to become a key domestic source of bitumen (almost all of Australia's supply is imported)
- Opportunity to replace the current use of imported heavy crude oils in the Australian bitumen market
- Sustained high, local (QLD), bitumen prices (C170) above \$1,500 per tonne.

C170 Bitumen Price Index (A\$/tn)



The bitumen index is the straight average of the major bitumen suppliers' Monthly Gate List Prices (Published List Selling Price) for C170 grade bitumen (\$/tonne). Source: tmr.qld.gov.au

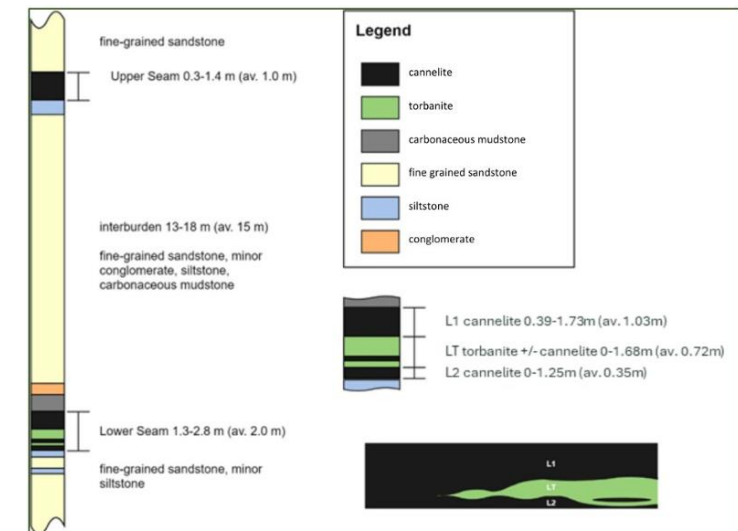
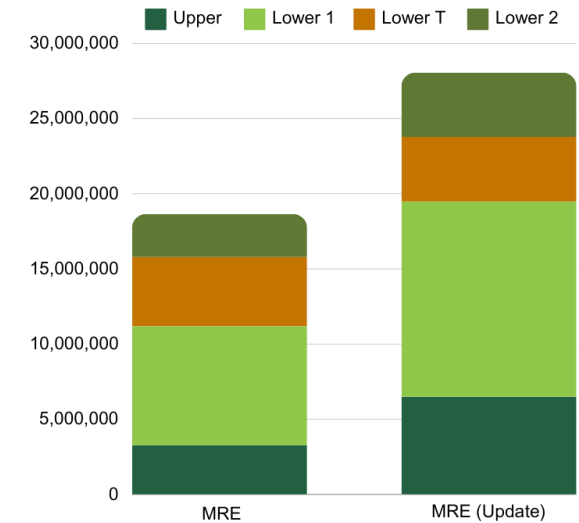
ALPHA ROAD TO DEVELOPMENT

Project Milestones:

- Substantial Expenditure to date with strong government R & D Grant Support :** Over \$6.4M invested in drilling, resource definition, laboratory testing, mine planning and process design. Over \$2.2M in R&D grants received or due from Federal Government
- Completion of Test Program 5:** The University of Jordan, which completed the highly successful Test Program 3, was re-engaged to undertake Test Program 5. The key focus was on increasing the viscosity and elasticity of the final product Encouraging results were achieved and a process pathway was identified through increasing reactor pressure at lower temperatures around 400deg C.
- Test Program 6 Planned to commence early 2025:** Production of a bulk sample supervised by Professor Mohammed (University of Jordan) with testwork undertaken at Monash University, analysis of bulk sample by Technix (GRV's Bitumen advisor) for identification and certification of product.

Next Steps: Subject to Test program 6 producing a bulk sample that meets Australian Standards the testwork will move to pilot scale bitumen production to refine process design and move to a DFS.

MDL 330 Inferred Mineral Resource estimate by seam and ply unit (Air-Dried Tonnes)



Geothermal Opportunity

UNTAPPED RENEWABLE ENERGY OPPORTUNITY

120km east of Mount Isa within the North-West Minerals Province



- One of the most prospective areas for geothermal energy in Australia. Significant technology breakthroughs in US and Europe make this a high potential project.
- Millungera Basin exceeds maximum heat flow averages through all established geothermal fields determined in Australia to date.
- Millungera Basin total identified stored thermal energy potential likely to exceed 611,000 petajoules (@ 90% probability)
- Queensland's North-West Mineral Province presents significant opportunities to provide wholesale power to major new resource projects.
- 2023-24 State Budget committed \$19B over four years to deliver more renewable energy to the Queensland SuperGrid

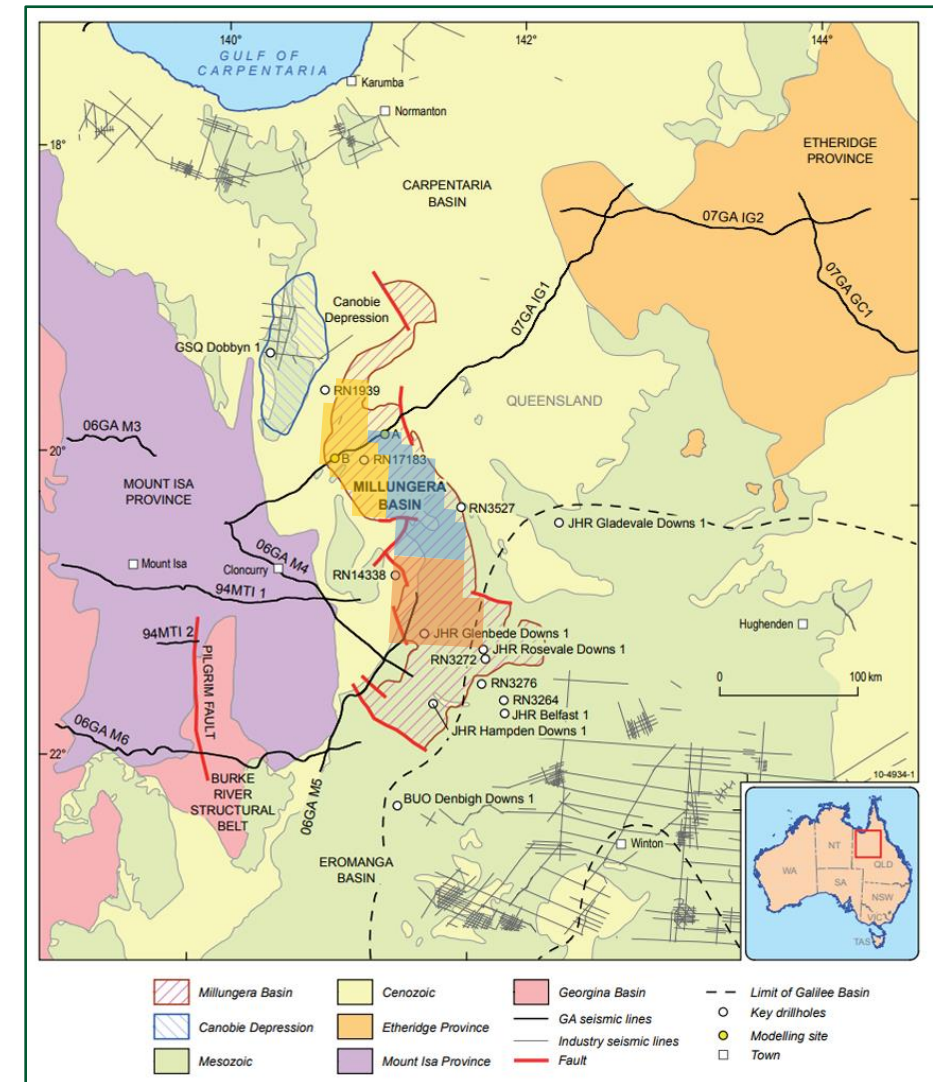


IMAGE: Simplified map of northwest Queensland showing the interpreted subsurface distribution of the Millungera Basin. Also shown are Geoscience Australia and industry seismic lines, as well as key historic drillholes

Global Nuclear Industry: Current State of Play



440 nuclear reactors in
32 countries producing
9% of global energy
requirements



65 reactors under
construction



110 reactors in advanced
planning stage
predominantly Small
Modular Reactors
(SMR's)



Nuclear power projected
to grow +300% by 2050
to produce 30% of global
power requirements.
Outlook supported by 14
of the world's largest
Banks



Many of the world's
biggest and smartest
companies are
developing Small
Modular Reactors

Reference: World
Nuclear Association
www.world-nuclear.org

Northern Territory Uranium Projects

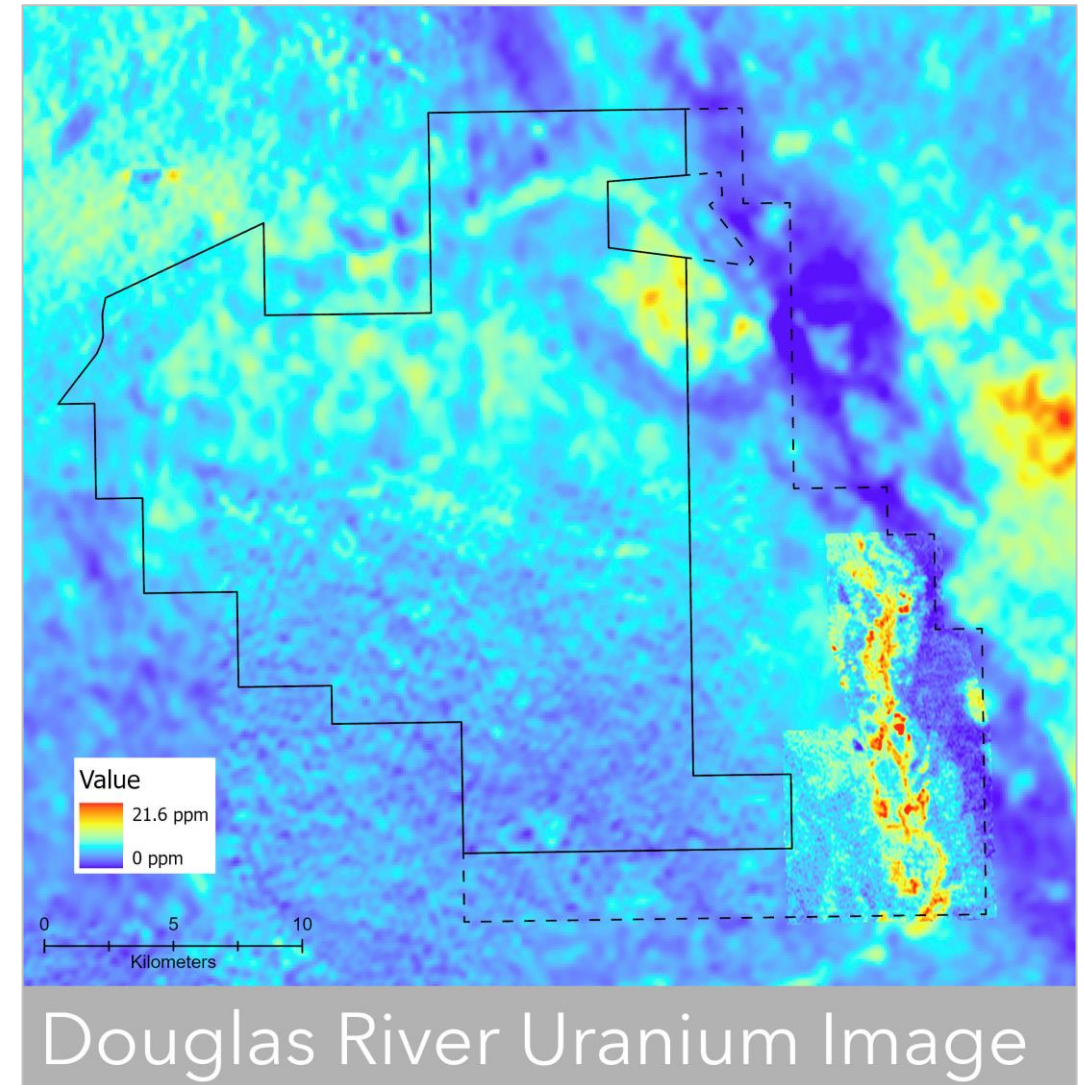
Four projects all with similar characteristics

- Prospective for sandstone hosted and unconformity style uranium mineralisation
- Identified from 1999 NTGS 400m line spaced regional airborne mag/rad survey
- Identifiable source of Uranium from either hot granites or their derivatives.
- Meteoric weathering and drainage patterns for accumulation of oxidising Uranium and associated radioactive minerals.
- Carbonaceous rocks acting as a reductant to concentrate oxidised Uranium out of solution
- Owned 80% by GRV, 20% free carried to feasibility Gempart (NT) Pty Ltd



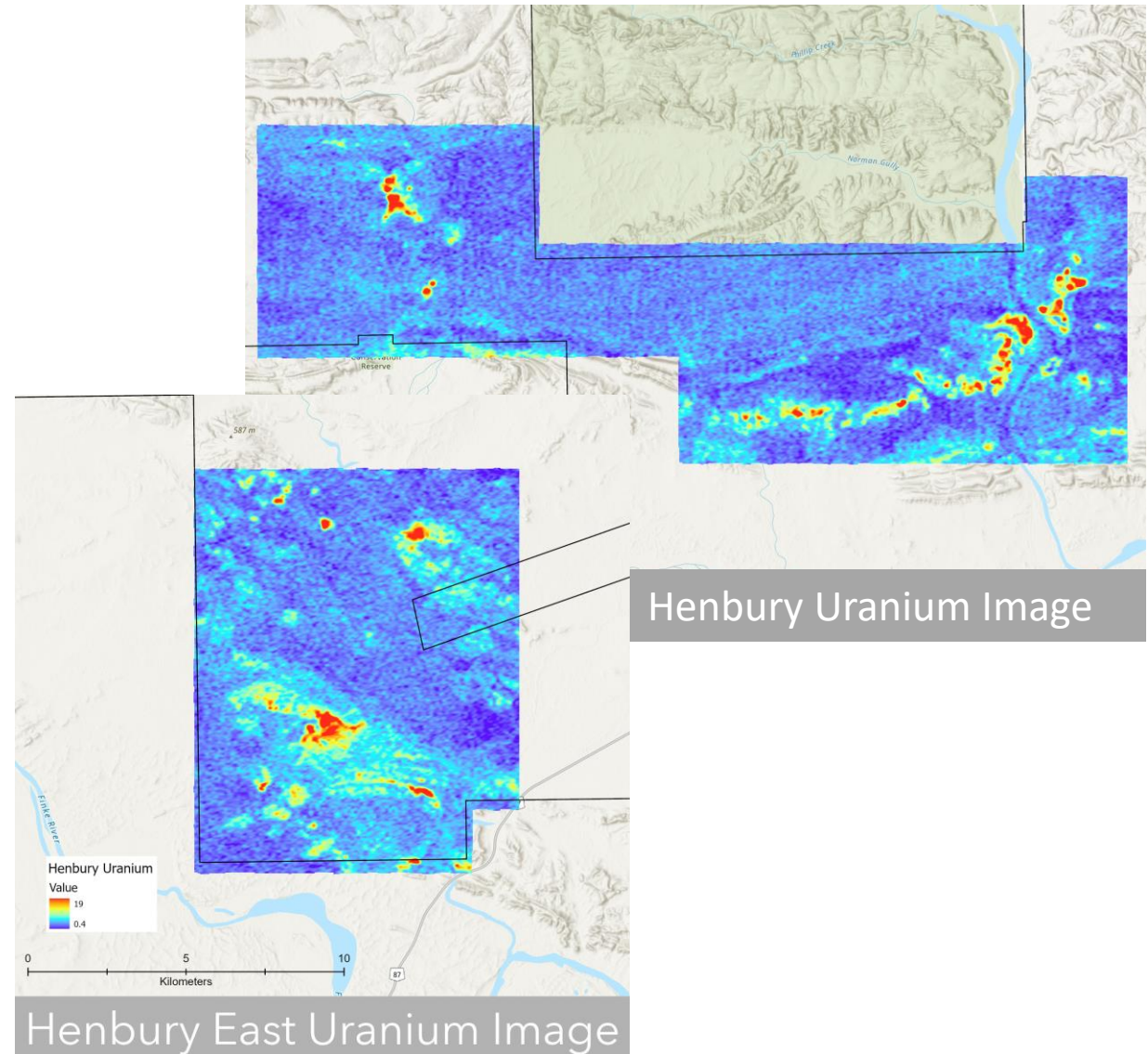
Douglas River Uranium Project

- The GRV survey has extended the extent of the elevated uranium response, so it is now an anomaly 13 km long generally aligned with the interpreted palaeochannels.
- Anomalous uranium responses occur at two sites indicative of potentially shallow mineralisation.
- The area has analogies with the Napperby uranium deposit
- Napperby: the anomalous uranium response occurs over drainages – specifically salt lakes – adjacent to but not over the mineralisation.
- The anomaly overlies the same geological unconformity that hosts the high grade Thunderball Uranium deposit.



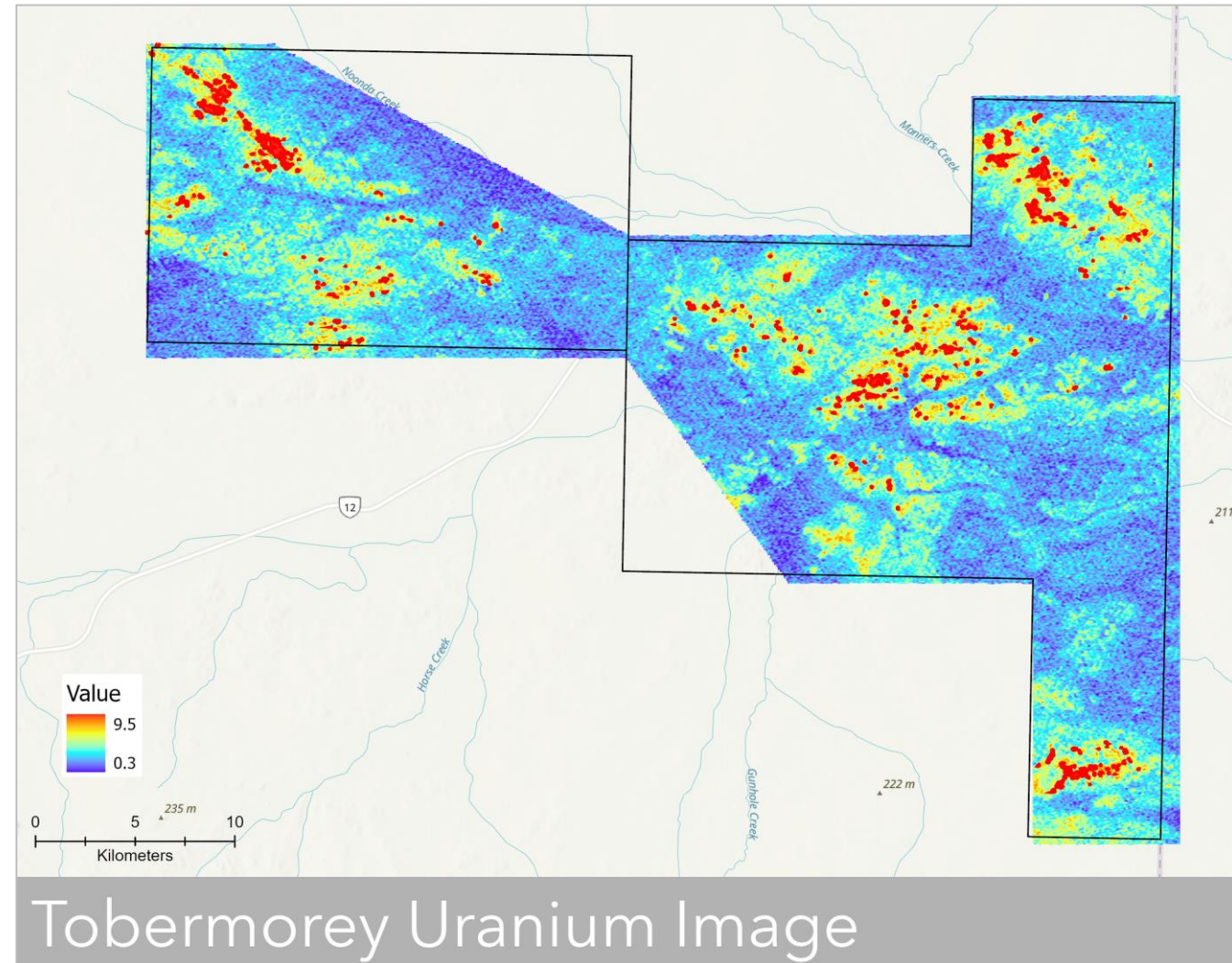
Henbury Uranium Project

- The radiometric target on Henbury is defined as a ten km long arcuate uranium anomaly as recorded on the airborne survey flown on 400m flight lines flown for the NTGS in 1999.
- The GRV survey confirmed the extent of the elevated uranium response
- On the western part of the survey area a 2 km long uranium anomaly of amplitude up to 13ppm U occurs on outcrop of Ljiltera Member of the Pertnjara Group.
- This underlies the Undandita Member, host to Pamela-Angela uranium deposits.



Tobermorey Uranium Project

- Extensive U and U/Th ratio anomalism extending along a 20km strike length and up to 15km's wide
- Airborne magnetic modelling required to better understand potential mineralising controls



Key Investment Takeaways

MULTIPLE VALUE-CREATION PATHWAYS

- ✓ A unique growth opportunity in **future-focused, critical, high-value** commodities
- ✓ Ideally positioned to become Australia's only end-to-end **domestic source of bitumen** for burgeoning infrastructure demand
- ✓ New **Uranium** Project in the **World Class Pine Creek Mineral Field**
- ✓ **Renewable Energy** Geothermal advancing in Queensland
- ✓ **Experienced team** with exceptional track record of value-creation for shareholders

*Projects capable of delivering
high-value products into
strongly growing markets...*