

Moving towards a New Energy Future

High-value **Bitumen, Geothermal** and
Uranium assets

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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.

Greenvale Energy – Our Value Proposition

FUTURE-FOCUSED HIGH-QUALITY ASSETS



ALPHA TORBANITE PROJECT

HIGH-GRADE
BITUMINOUS
PRODUCTS



URANIUM PROJECTS



QLD GEOTHERMAL PROJECT

SUSTAINABLE
24/7 ENERGY

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

GRV: Corporate Summary

CAPITAL STRUCTURE

524.4M

Shares
on issue

22.8M

Performance Rights
on issue

\$26.2M

Market Capitalisation
(2 Apr 2025)

\$3.15M*

Cash at Bank
(2 Apr 2025)

\$0.05

Share Price
(2 Apr 2025)

\$0.13M

Liquid Investments
(2 Apr 2025)

43.7%

Top 20
Shareholders

18.6%

Directors Shareholding

BOARD & MANAGEMENT



Neil Biddle
Executive Chairman

Geologist with +40 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
Exploration Manager

Geologist with 20 years' experience in unconventional gas exploration and production. Secretary - Australian Geothermal Association

Global Nuclear Industry: Current State of Play



440 nuclear reactors in 32 countries producing 9% of global energy requirements. Consume 150M lbs U3O8 pa



65 reactors under construction, will consume an additional 23M lbs pa



110 reactors in advanced planning stage, predominantly large 1-1.5GW conventional reactors. Small Modular Reactors (SMR's) and Advanced Modular Reactors (AMR's) to start entering market later this decade.



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, 147 Industrial and tech companies and 32 of the world's largest economies



Many of the world's biggest and smartest companies are developing SMR's and AMR's



Tech giants and other major energy users Amazon, Google, Meta, Dow, Occidental, Allseas and OSGE have signed a pledge supporting the goal of at least tripling global nuclear capacity by 2050.

12/3/2025 WNN Article

Small Modular Reactors



NUWARD Small Modular Reactor (SMR)

- Small, modular power plant
- Produce reliable, low carbon energy
- is delivering nuclear power projects today and has more than 60 years of experience
- replace coal-fired plants in the 300-400MWe range
- supply remote municipalities and energy-intensive industrial sites.

Source: www.nuward.com



Rolls-Royce Small Modular Reactor (SMR)

- the UK's first domestic nuclear technology in more than 20 years
- providing a British solution to a global energy crisis.
- generate 470 megawatts of low carbon energy 24/7/365
- equivalent to more than 150 onshore wind turbines

Source: www.rolls-royce-smr.com

Oasis Project

The project is a high-grade uranium deposit
Drill intercepts up to 0.72% U₃O₈ ppm (15.8 lbs/t).

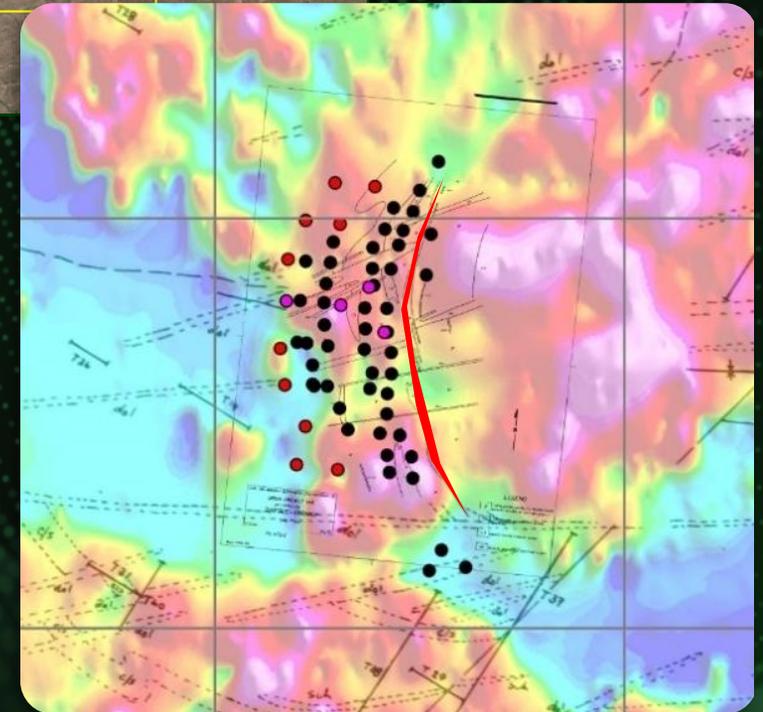
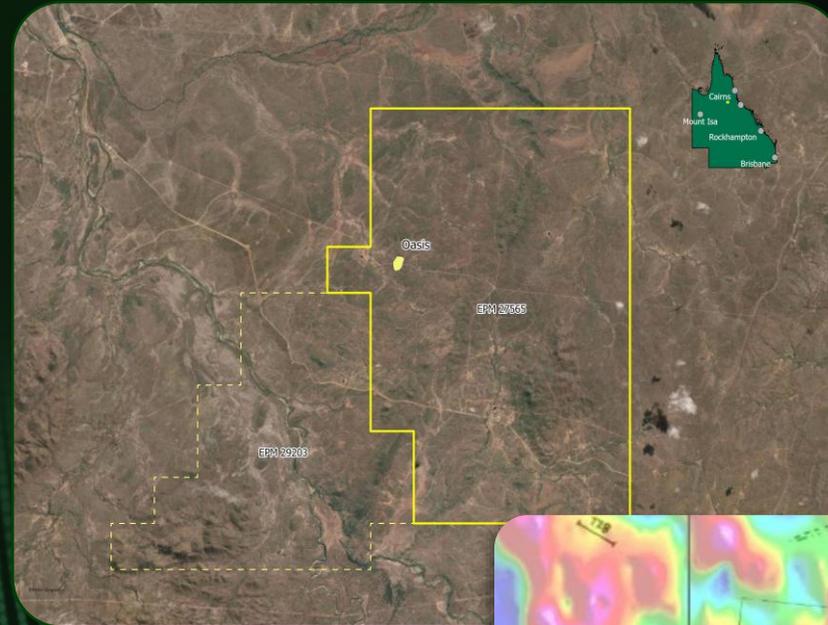
HISTORICAL HIGHLIGHTS

- Discovered in 1973 and has been explored sporadically ever since.
- 1978/79 Esso completed a total of 14 open hole percussion and 32 precollared diamond holes were drilled totalling 4755.45 metres.
- 2005/6 Glengarry Resources drilled 4 diamond holes

Extensive radiometric anomalies

Multiple faults and fractures splaying off the western side of the mylonite

These plays control the distribution of extensive zones of uranium anomalism including the Oasis deposit.



Oasis Project Geology and RTP Ground Magnetics

Oasis – Work Program 2025

WHATS NEXT

Stage 1.1

Regional Program: Initial Geological Field Prospecting /Recon/Assessment of Project Area.

Stage 1.2

Oasis Resource Upgrade JORC Requirement & Assessment: First Stage JORC Resource Compliance & Economic Assessment Oasis Prospect

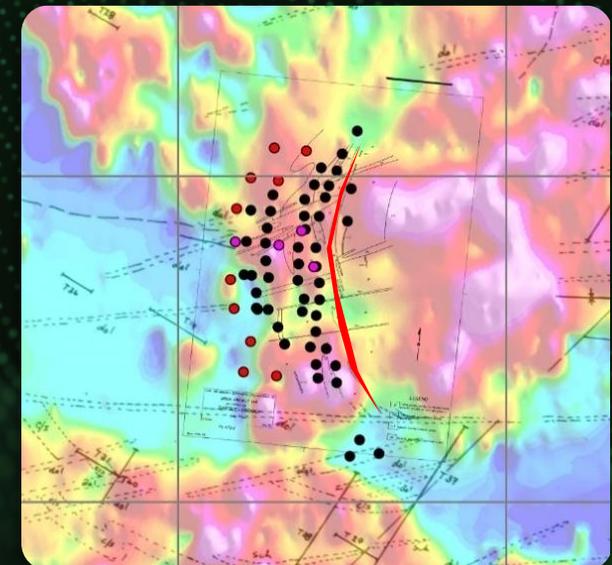
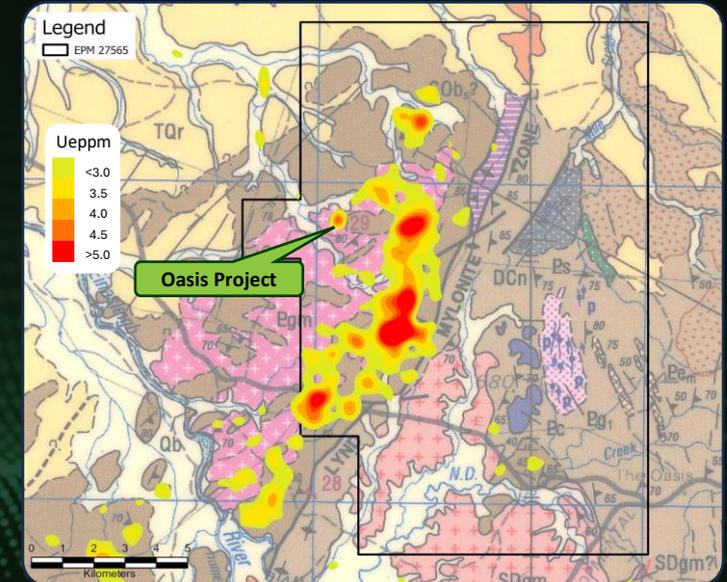
Stage 2

Oasis Prospect Follow Up Field Program : Geophysical & Geochemical Surveys Oasis & Regional areas

Stage 3

Follow Up Drill Testing

CURRENTLY QLD IS EXPERIENCING ITS WETTEST START TO THE YEAR

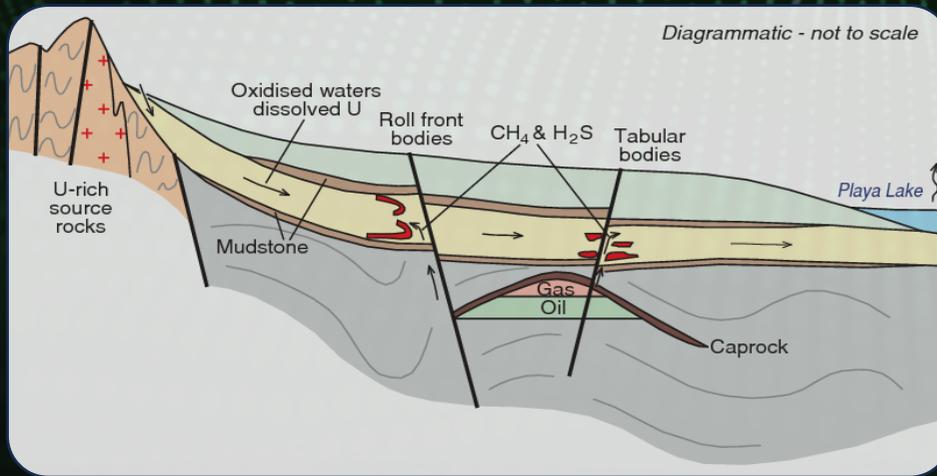


Oasis Project Geology and RTP Ground Magnetics

Northern Territory Uranium Projects

Four projects all with similar characteristics

- Prospective for sandstone hosted and unconformity style uranium mineralisation
- Association of large sandstone uranium deposits with hydrocarbons
- The geology of uranium deposits in Kazakhstan points to similar deposits in Australia (GA – AUSGEO News Issue 89 Mar 2008)

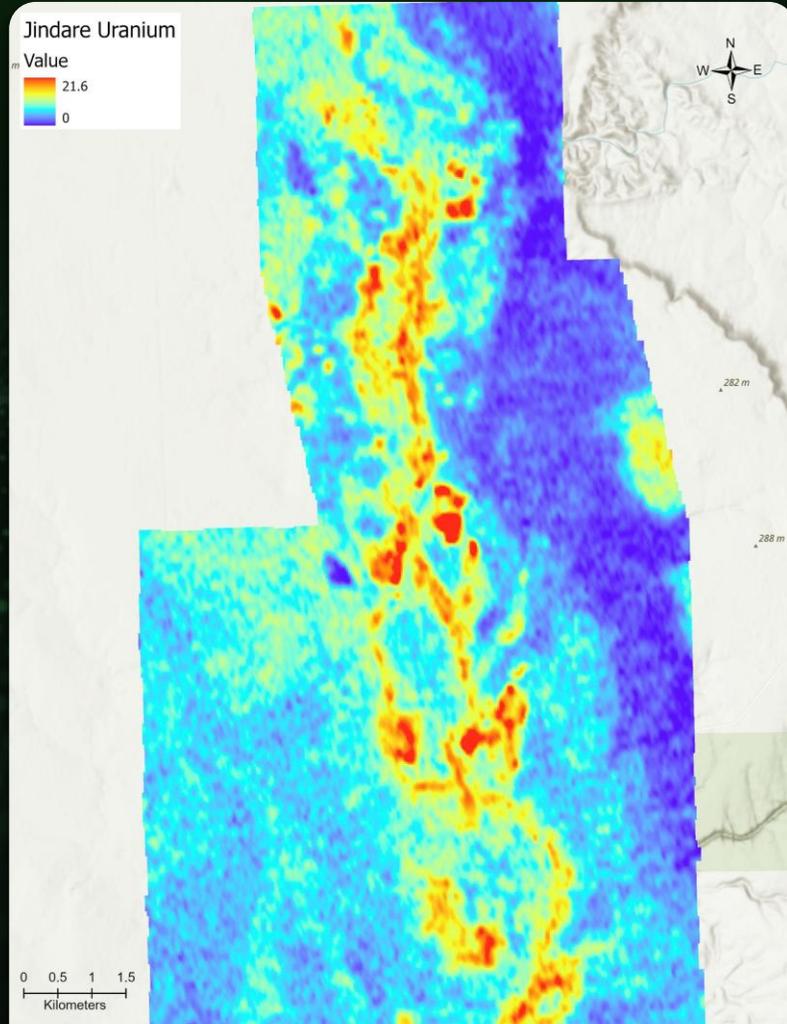


*Diagram showing proposed model. Uranium is carried in oxidised groundwaters and reduced by hydrocarbons and/or H₂S released from the underlying oil and/or gas field.

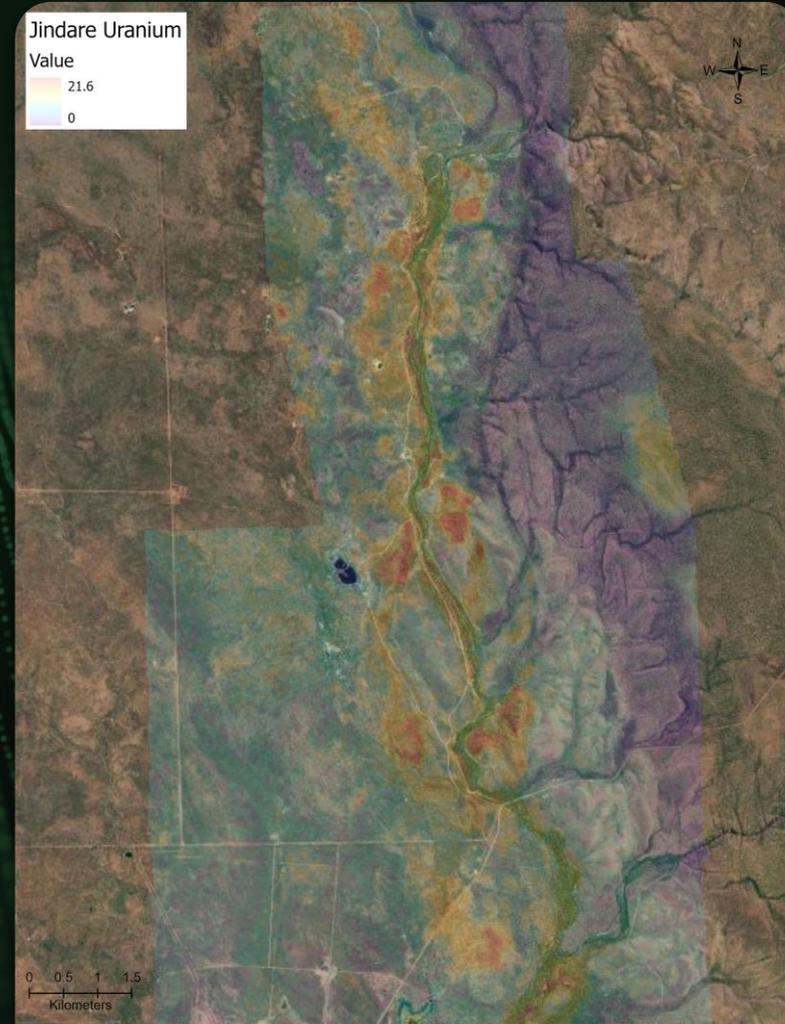


- Within these basins, areas at the margins of the hydrocarbon cap-rocks and near to active structures would be of particular interest.
- Reduction of uranium-bearing waters by hydrocarbons should typically result in the formation of carbonates within and near ore zones.

Jindare Project – Douglas River

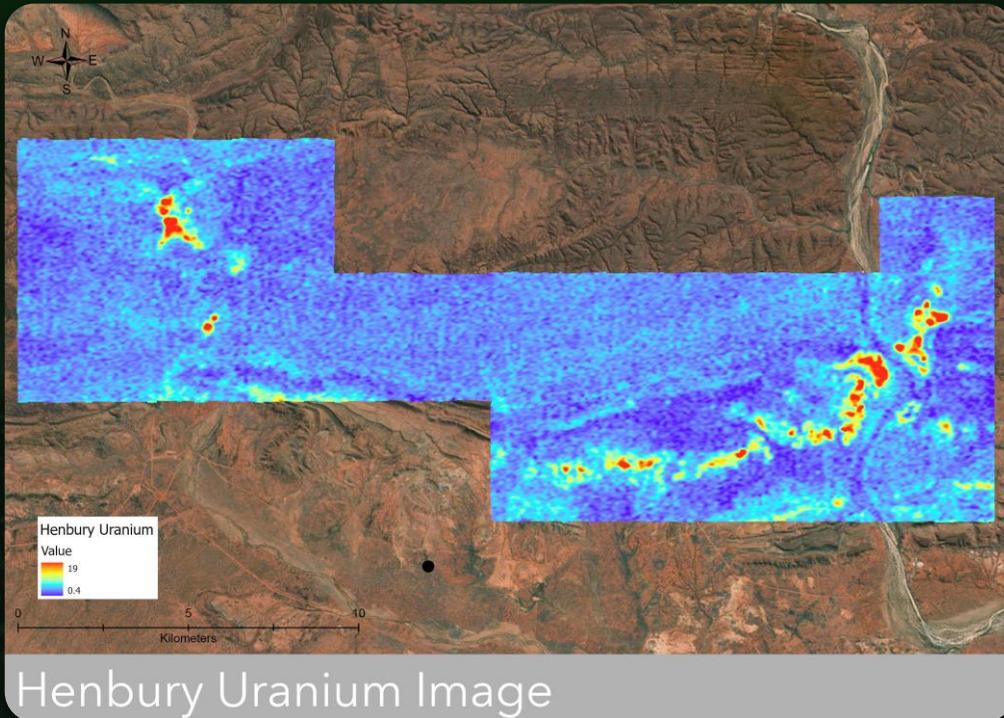


Jindare - Uranium Image



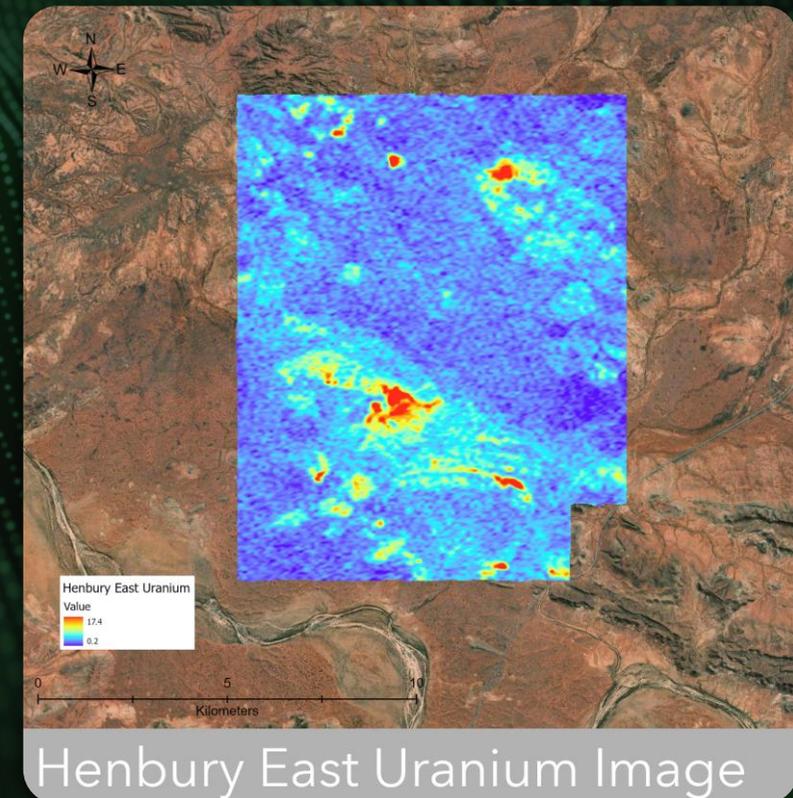
Jindare - Satellite Image

Henbury Project



Henbury Uranium Image

- Located on the edge of the Amadeus Basin a major hydrocarbon basin in the Northern Territory.



Henbury East Uranium Image

- GA identified that within these hydrocarbon bearing basins, areas at the margins of the hydrocarbon cap-rocks and near to active structures would be of particular interest.

Alpha Torbanite Project

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

- Substantial expenditure to date with strong government R & D Grant Support
- Over \$7M invested
- Over \$3M in R&D grants
- Test program 6 continues to show improved results
- Next Steps - Test program 7 to produce a bulk sample for certification



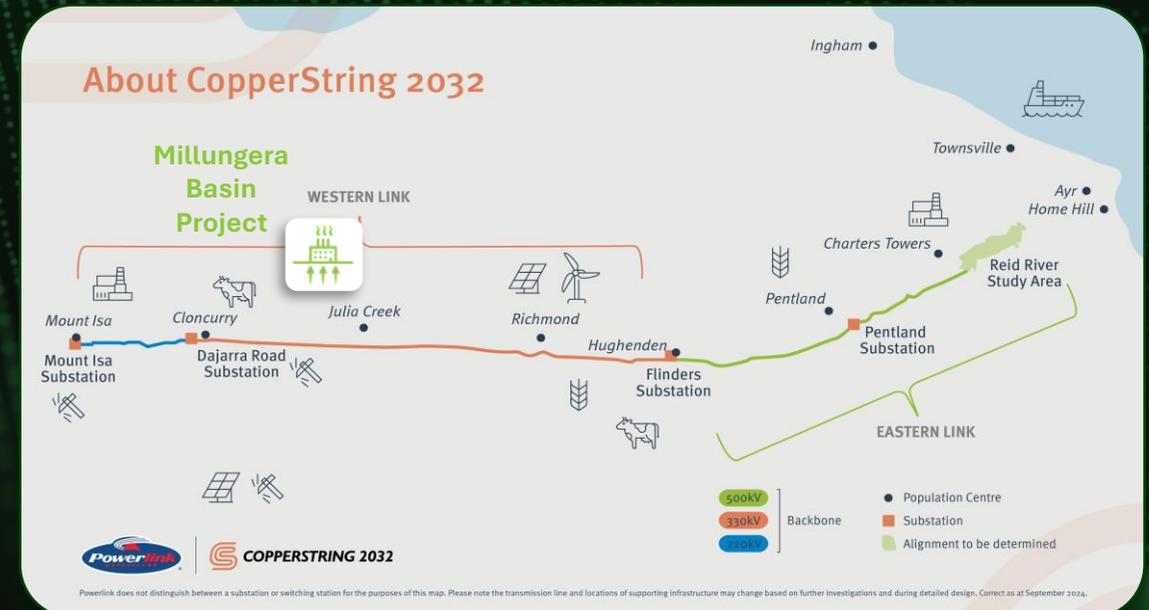
Geothermal: Millungera Basin

UNTAPPED RENEWABLE ENERGY OPPORTUNITY

- One of the most prospective areas for geothermal energy in Australia.
- Significant technology breakthroughs in US and Europe make this a high potential project.
- Hottest rocks in Queensland, Australia.
- Millungera Basin total identified stored thermal energy potential likely to exceed 611,000 PJ (@ 90% probability)
- Estimated annual electricity generation 29,621GWh¹ from inferred resource areas.
- Potential to produce 3.4GW continuously.



Venting steam from a geothermal site in Nevada which demonstrated Fervo could create an enhanced reservoir to produce geothermal power. Source: Fervo Energy



(1) Source: GSQ technical report, Queensland Geology 14: An assessment of the geothermal energy potential of northern and eastern Queensland (Talebi et al., 2011).

Key Investment Takeaways

MULTIPLE VALUE-CREATION PATHWAYS

- A unique growth opportunity in **future-focused, critical, high-value** commodities
- Potential world class **Uranium intrusive style** deposit at Oasis
- New **Uranium** Project in the **World Class Pine Creek Mineral Field**
- Ideally positioned to become Australia's only end-to-end **domestic source of bitumen** for burgeoning infrastructure demand
- **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**...*