



Greenvale
ENERGY LIMITED

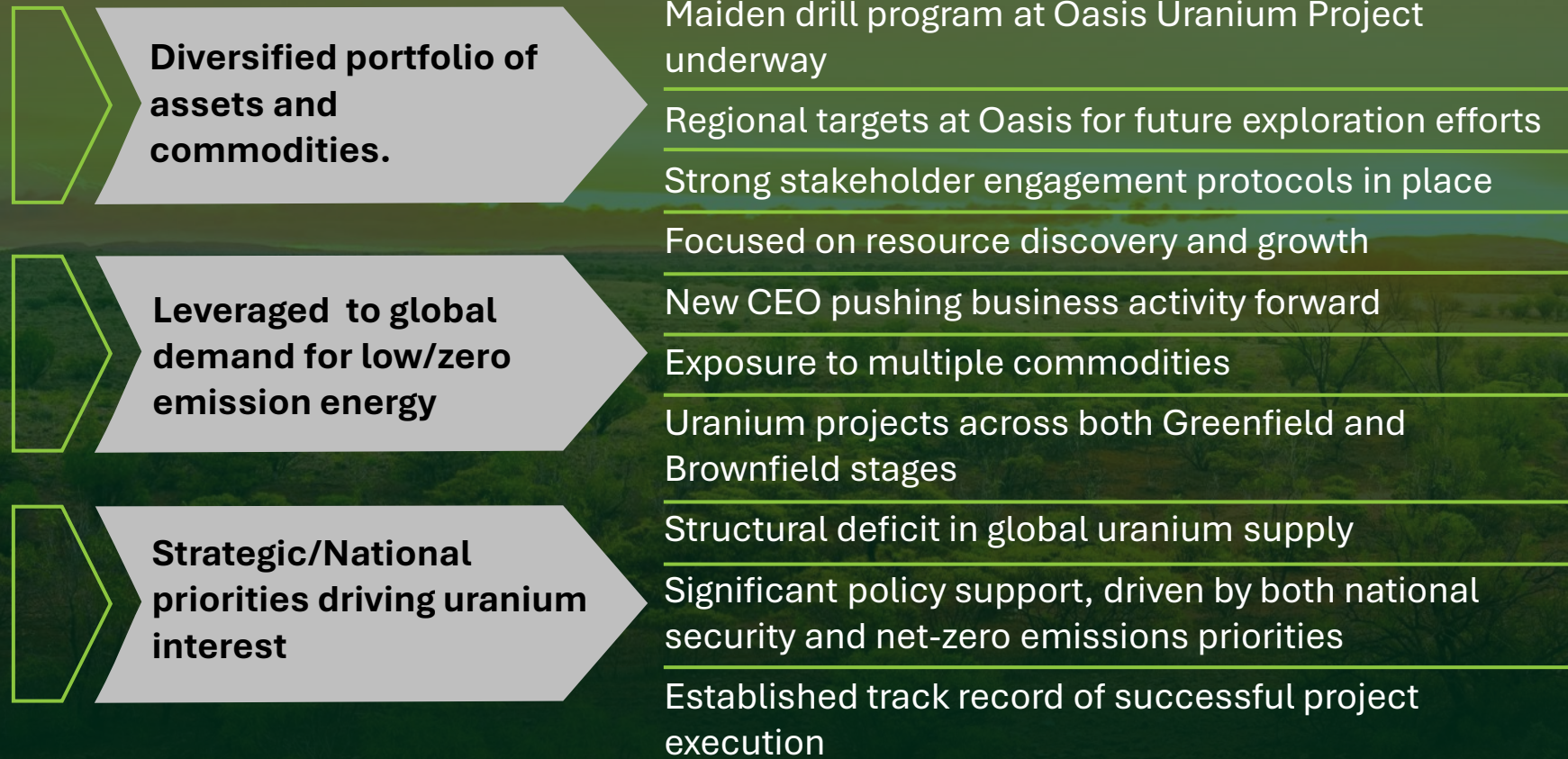
Resources Rising Stars

Twilight Series – Sydney | Melbourne | 29-30 July 2025

ASX: GRV

Greenvale Energy is well positioned for a value-driven year ahead, with an immediate focus on exploration across its portfolio of Uranium Projects. The Company's strategic highlights reflect a commitment to expanding and diversifying its resource base and contributing to a sustainable energy future

STRATEGIC HIGHLIGHTS



Acquisitions, exploration and strengthened leadership have positioned Greenvale to drive value

CORPORATE OVERVIEW

Strong near-term catalysts with drilling at the high-grade Oasis deposit and multiple field programs across NT projects.

Experienced team, heavily aligned with shareholders, with a clear strategy to invest in building resource-base.

Uranium-focused exploration with early-stage and advanced assets in QLD and the NT.

CAPITAL STRUCTURE

\$0.044

Share Price
(@28 June 2025)

544.4m

Share on Issue

≈\$24m

Market Cap
(Undiluted)

\$0.00

Nil Debt

34.76m

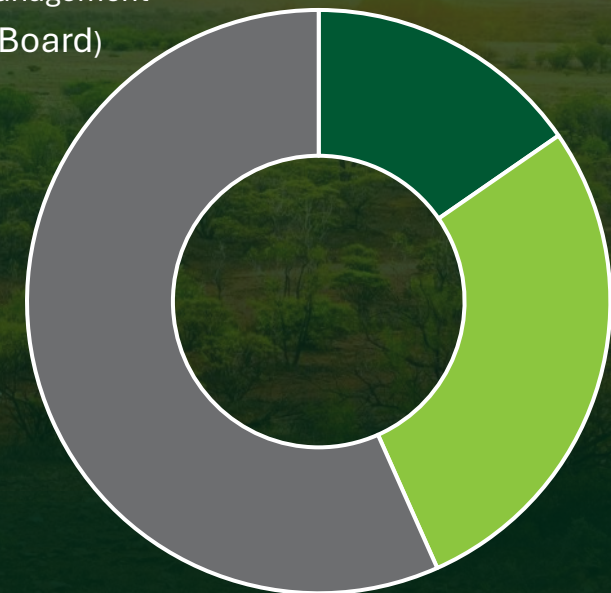
Performance Rights

≈\$2.1m

Cash/Cash Equivalent
(@30 June 2025)

SHAREHOLDERS

- Board and Management
- Top 20 (Excl. Board)
- Balance



The board blends experience with fresh perspective - driving a forward-thinking strategy

BOARD AND MANAGEMENT



MR NEIL BIDDLE **Non-Executive Chairman**

Mr Biddle is a highly experienced Geologist with over 35 years in the exploration and mining industry. A founding Director of Pilbara Minerals Limited, he has a strong track record of creating value in the resources sector. As a Corporate Member of the Australasian Institute of Mining and Metallurgy, Mr Biddle has held multiple executive roles and brings deep industry insight to the Board.



MR ELIAS KHOURI **Non-Executive Director**

Mr Khouri brings deep expertise in equity capital markets, corporate finance and strategic advisory. He has successfully led capital raisings and negotiated joint ventures and farm-in agreements for both listed and private companies. His global experience spans major exchanges, including the ASX, AIM, TSX, NYSE, NASDAQ and Frankfurt. Positioning him as a key asset in executing cross-border transactions and growth strategies.



MR ALEX CHEESEMAN **Chief Executive Officer**

Mr Cheeseman is a well credentialed resources executive with more than 20 years of experience across both project development and operations. He has held CEO roles in ASX-listed exploration companies and GM positions with mine operators. His expertise covers the full spectrum of resource project development, capital markets, commodity marketing and operational execution, driving value and growth across the business.



MR JOHN BARR **Non-Executive Director**

Mr Barr is a Chartered Accountant and Fellow of the Australian Institute of Company Directors, with more than 25 years of board-level experience across listed and private companies. He brings extensive expertise in capital raising, M&A, joint ventures, commodity financing and corporate governance, with a strong understanding of listing and compliance frameworks in the resources sector.



MR PETER HARDING-SMITH **CFO/CoSec**

Mr Harding-Smith is a Chartered Accountant with over 30 years of experience in finance, corporate governance and regulatory compliance. He is a Fellow of both FINSIA and the Governance Institute of Australia. Mr Harding-Smith brings extensive expertise across financial reporting, due diligence for acquisitions and divestments and company secretarial functions.



MRS ZOE STACKHOUSE **Exploration Manager**

Mrs Stackhouse is a Geologist with over 20 years of experience in the natural resources sector, specialising in unconventional gas exploration and production. She has broad technical expertise across multiple commodities and currently serves as Secretary of the Australian Geothermal Association, reflecting her active role in advancing clean energy initiatives.

Global nuclear and energy markets are rapidly expanding

GLOBAL NUCLEAR AND ENERGY MARKET DYNAMICS

62% Increase
in electricity demand
predicted from 2023 to 2040

Source: IEA World Energy Outlook 2024 Stated Policies Scenario.

95% Increase
in electricity demand predicted
from 2023 to 2050

Electricity Demand Forecast

Global electricity demand is forecast to grow rapidly, driven by AI, data centers, electrification of transportation and emerging economies. The U.S. Department of Energy projects electricity demand may rise at a rate that exceeds historical norms.

Source: U.S. DOE (2025), Datacentre Magazine, Arxiv (2025).

Nuclear Market Expansion

There are currently ~440 nuclear reactors operating globally, providing consistent baseload power.

An additional ~70 reactors are under construction and over 100 more in planning or proposed stages, reflecting strong international momentum.

Source: World Nuclear Association, June 2025.

Global Energy Investment Outlook

The International Energy Agency (IEA) projects global energy investment will reach USD \$3.3 trillion in 2025—a new record. Of this, 66% (USD \$2.2 trillion) is allocated to low or zero-emission energy solutions, including renewables, nuclear, storage and grid modernization.

Source: IEA World Energy Investment Report, June 2025.

Global Investment and Strategic Interest

Major international corporations are investing directly into nuclear energy and nuclear power station to secure clean, reliable power: Google, Microsoft Amazon Meta

Sources: Business Insider, Axios, AP News (2025).



AMAZON has direct capital deployment of us \$1 billion



MICROSOFT has 20-year PPA with Constellation Energy



GOOGLE partnered with Kairps Power for ~500MW from SMRs



META has 20-year PPA with Constellation Energy



GREENVALE'S ASSET PORTFOLIO

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GREENVALE'S ASSET PORTFOLIO

QUEENSLAND

A diverse energy and infrastructure focused portfolio with major opportunity and high-confidence exploration targets aimed at establishing and growing resource-base

OASIS / URANIUM

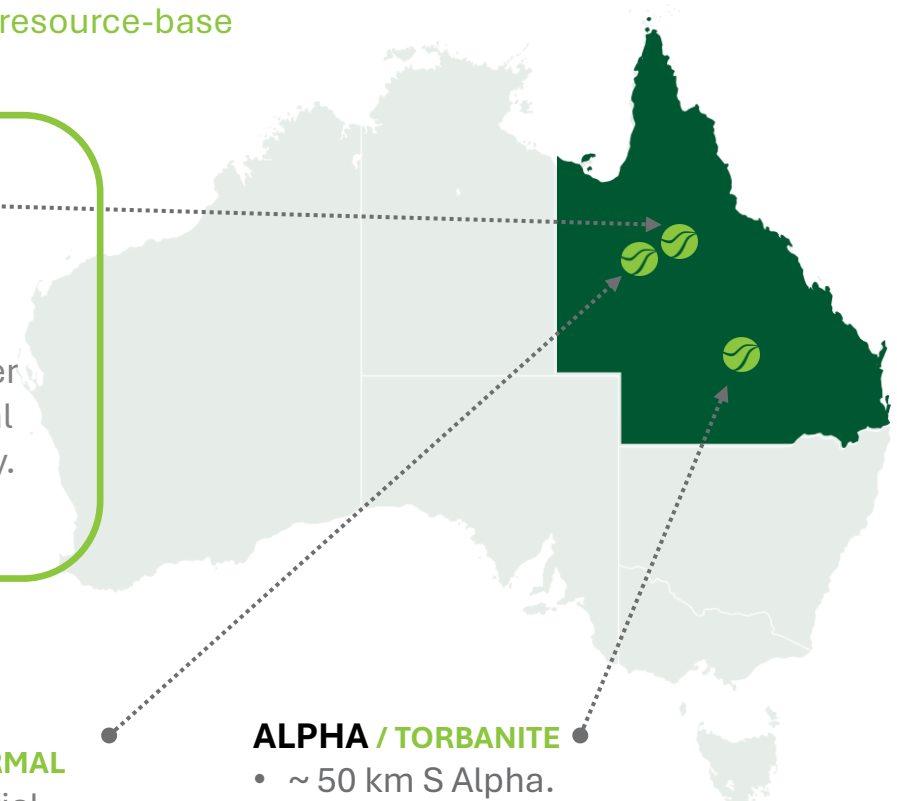
- ~250 km W of Townsville.
- Historic exploration* indicates high-grade uranium potential.
- Radiometric anomalies suggest further regional expansion and scale potential within the existing tenement boundary.
- Maiden Drill Program underway.

MILLUNGERA/LONGREACH / GEOTHERMAL

- High-temperature geothermal potential supporting low-emission energy requirements.
- Supports scalable, cost-efficient baseload energy generation.

ALPHA / TORBANITE

- ~ 50 km S Alpha.
- 28 Mt Inferred torbanite resource*.
- Extensive processing test work completed – Test Program 7 underway to produce high-grade bitumen products.
- Potential to be a major/singular supplier of bitumen within Australia.
- Localised/guaranteed supply chains.



GREENVALE'S ASSET PORTFOLIO

NORTHERN TERRITORY

Significant uranium exploration portfolio with projects in world class uranium districts, diligent exploration focused on making new discoveries

DOUGLAS RIVER / URANIUM

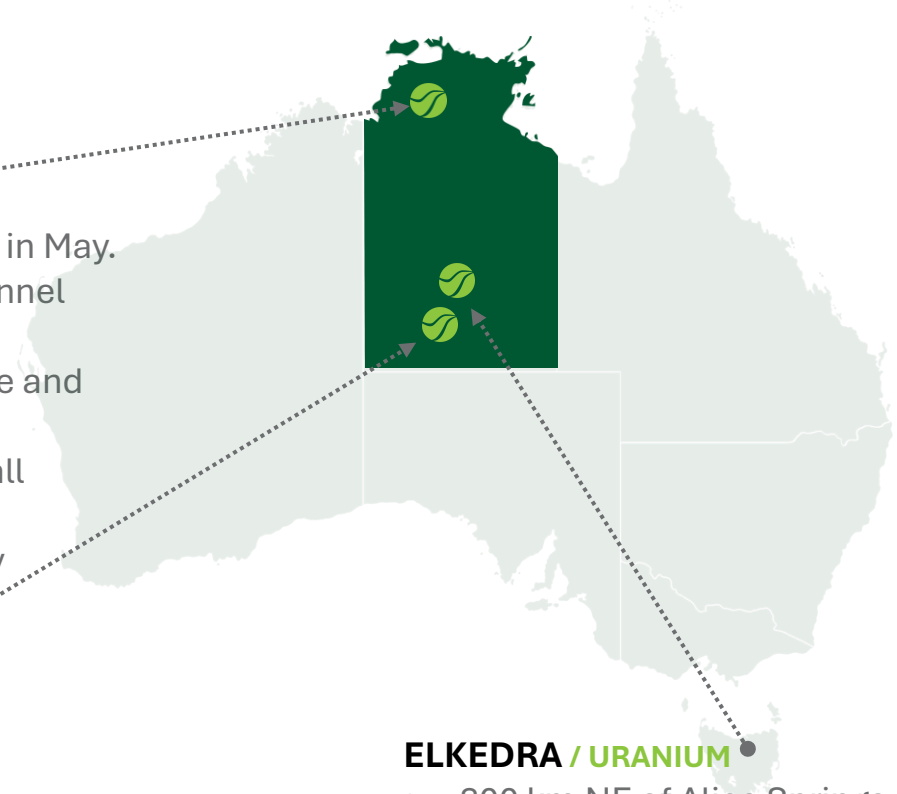
- ~200 km S of Darwin
- Airborne radiometric survey completed in May.
- Potentially significant (32km) paleochannel identified*.
- Located in the Pine Creek region – fertile and productive for uranium.
- Approximately 9km from the Thunderball uranium deposit.
- Follow up field work planning underway

HENBURY / URANIUM

- ~120 km S Alice Springs
- Airborne radiometric survey completed in November 2024
- Multiple uranium anomalies, identified in the Amadeus Basin*
- Strong radiometric signals over Mereenie Sandstone.
- Follow up fieldwork starting Q3 2025.

ELKEDRA / URANIUM

- ~300 km NE of Alice Springs.
- Airborne radiometric survey in May.
- 8km uranium anomaly adjacent to Elkedra Granite identified*.
- Follow up fieldwork starting Q3 2025.





GREENVALE'S OASIS PROJECT

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GREENVALE'S OASIS PROJECT

HIGH-GRADE URANIUM PROJECT

Active drilling program underway, high-confidence drill targets with further regional anomalies indicating scale potential

HIGH-GRADE

0.72%

U308 from historical results*

MAXIMUM VALUE

100%

Owned

INFRASTRUCTURE ADVANTAGE

250km

West of Townsville

DRILLING UNDERWAY: Maiden drill program commenced in late July 2025.

TARGETED PROGRAM: Key objectives to test mineralisation of the Oasis deposit both at depth and along strike.

RESULTS PENDING: Regional reconnaissance and geological mapping completed in June 2025 targeting radiometric anomalies.

FUTURE WORKS:

DRILLING ONGOING: Program expected to run through to early September.

PERMITTING: Process commenced to allow future testing of regional targets.

EXPANSION: Potential for follow-up drilling and expanded exploration across multiple targets.

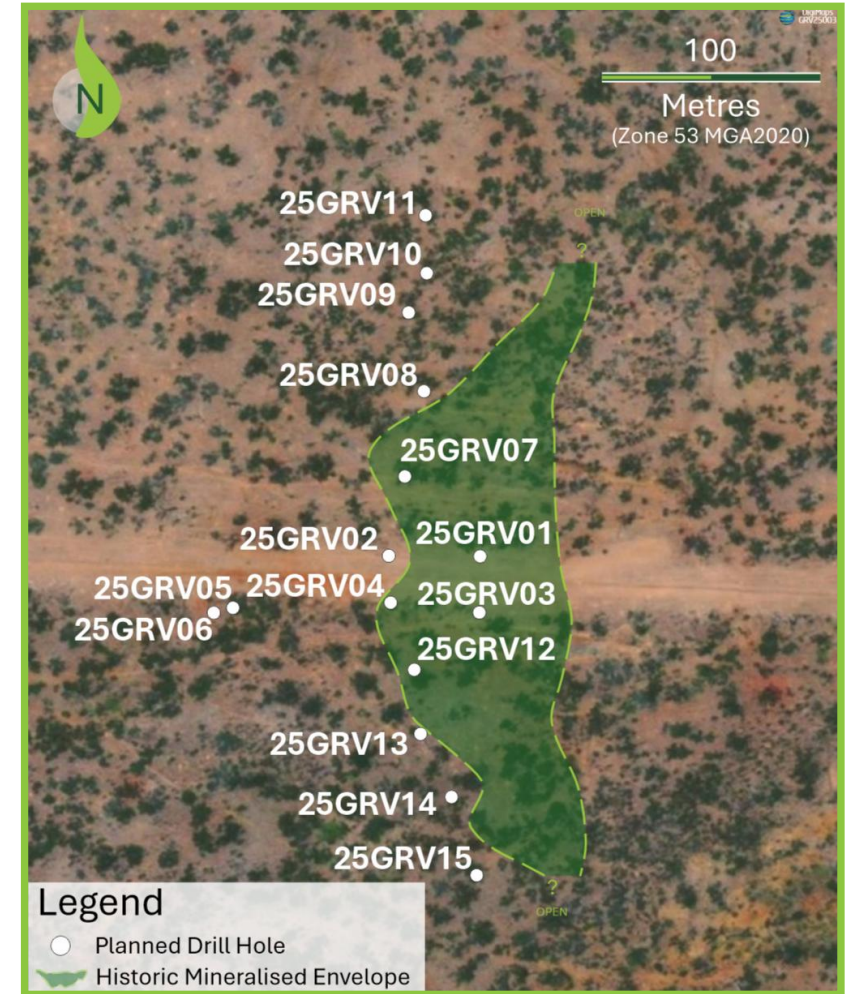
GREENVALE'S OASIS PROJECT

DRILLING UNDERWAY

Program began on 22 July, with drilling commencing on 27 July to test mineralisation at depth and along strike



Drill rig arriving at Oasis Project on 27 July 2025

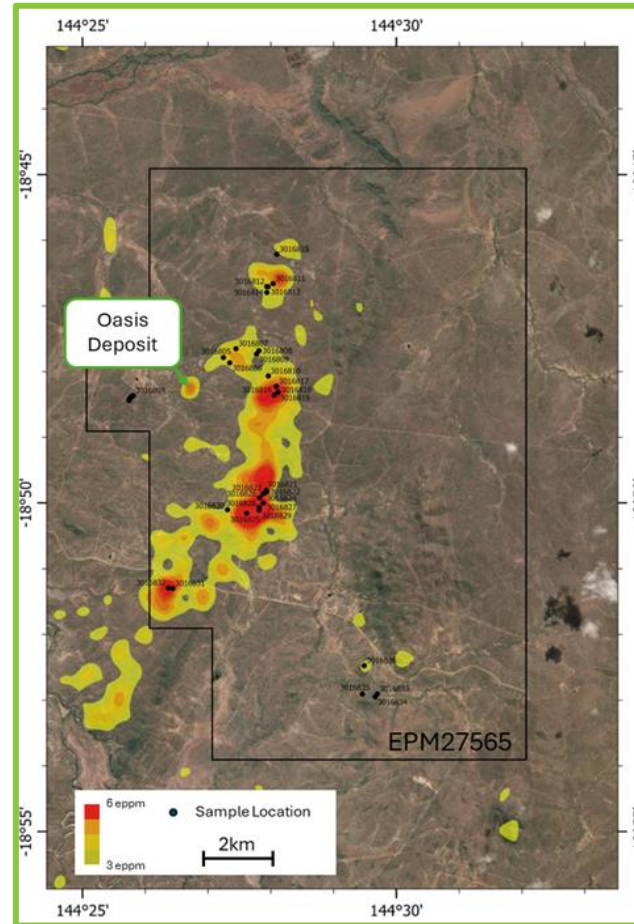


Drill collar plan for July 2025 Drilling Program

GREENVALE'S OASIS PROJECT

EXPANSION AND SCALE POTENTIAL

Regional targets within existing tenement, traditionally under-explored, excellent targets for continued exploration effort



Radiometric anomalies and sample points from June 2025 reconnaissance program

10 km Corridor of High-Priority Radiometric Anomalies.

- Regional anomalies mapped across a 10 km strike length
- Area has been typically under-explored
- Multiple target zones identified beyond core Oasis footprint.
- Reconnaissance mapping and sampling identified* geological similarities to Oasis
- Results pending, and along with drilling results will shape and determine the next stage of exploration efforts at Oasis
- Follow-up exploration to refine future possible drill targets.
- Demonstrates potential for district-scale system from future discoveries.



GREENVALE'S NT URANIUM PROJECTS

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GREENVALE'S NT URANIUM PROJECTS

GEOLOGICAL PRECEDENT FOR MAJOR URANIUM DISCOVERIES

Airborne radiometric surveys confirm multiple uranium anomalies across multiple Northern Territory projects. Favorable geological settings correlating with radiometric data delivers excellent targets for follow up field work

PROVEN JURISDICTION History of Uranium Mining in the NT

RIGHT GEOLOGY Favourable geological conditions with proximity to known resources

DISCOVERY POTENTIAL Diligent greenfield exploration gives significant upside potential

- Strategic land package with multiple tenements in highly prospective uranium districts
- Greenfield discovery potential targeting Henbury, Douglas River and Elkedra Projects
- Proven uranium jurisdictions with supportive regulatory framework
- Proximity to infrastructure and a clear path to market
- Comprehensive Airborne surveys completed and generated follow up targets.
- Large-scale exploration pipeline with defined anomalies ready for field work
- Fieldwork expected to be completed during Q3 – running up to the start of the wet season
- Elkedra and Henbury as initial priorities

Alpha is a scalable, strategic project that could serve as a singular domestic source of bitumen for the demanding-Australian market

ALPHA TORBANITE PROJECT

28Mt Inferred Resource*
in a mining friendly
jurisdiction

Australia currently imports nearly all of its bitumen, involving a complex and costly supply chain.

The Alpha Torbanite deposit contains high-quality oil shale (torbanite), which under liquefaction can produce C170 bitumen product suited for roads and construction infrastructure.

**Supports localisation of
supply – pivoting away
from Chinese/foreign
supply chains**

The project has potential to be Australia's principle vertically integrated domestic supplier of bitumen, offering long-term supply chain security.

**Strong demand and price
fundamentals**

Test Program 7 is ongoing (~6–8 weeks prep + six-month run) with bulk samples to be produced and sent to a third party for certification.

On-spec products can then be distributed to potential partners and collaborators to unlock the project's value.

GEOHERMAL PROJECTS

Greenvale holds early-stage high-temperature geothermal exploration interests in Queensland

High temperature geothermal prospects identified, with exploration ground at two prominent sites in Queensland

Focus on targeting deep crustal heat anomalies and known thermal corridors

Opportunities to collaborate to unlock energy potential

Company progressing through permitting requirements

Potential for dispatchable, renewable firm power supporting long-term clean energy supply

Alternate power supply optionality assessed to become increasingly necessary as traditional energy supply is decreased due to policy decisions

A high-impact second half ahead with drilling, assays and project milestones on the horizon

CATALYSTS FOR GROWTH



Positive results
from Alpha Test
Program 6



Acquisition of
Oasis Uranium
Project



Multiple uranium
anomalies
identified in the
NT



Strengthened
leadership to
drive projects



Reconnaissance
mapping and
sampling of
regional targets
at Oasis



Maiden drill
program at
Oasis ongoing



ACHIEVED

UPCOMING CATALYSTS

- Oasis Drilling – results following through to October
- Assay results from Oasis Recon Fieldwork – more targets
- Elkedra field campaign
- Options for Douglas River field campaign
- Henbury field campaign
- Alpha Torbanite Test Program 7 results and certification
- Geothermal value-add initiatives
- Possible collaboration opportunities with Alpha Project
- Possible government grants and funding support for R&D and exploration
- Possible expansion of exploration footprint



Greenvale
ENERGY LIMITED

Thank You

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Competent Persons Statement

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 13 Nov 2023 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 13 Nov 2023.

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.

The information in this presentation that relates to uranium exploration results is based on information compiled by Mr. Graham Bubner who is a Member of the Australian Institute of Geoscientists. Mr. Bubner is a full-time employee of Asis International and has sufficient experience which is relevant to the style of mineralisation under consideration to qualify as a Competent Person as defined in the 2012 Edition of the “Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves”. Mr. Bubner consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

EXPLORATION DISCLOSURE

Listing Rule 5.23 Compliance Statement.

This document contains information relating to Exploration Results in respect to the Alpha project and Uranium exploration extracted from ASX market announcements reported previously and published on the ASX platform on those dates noted below.

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 that all material assumptions and technical parameters underpinning the estimate in the original market announcement continue to apply and have not materially changed.

The Statements in this presentation concerning Mineral Resource Estimates at Alpha Project are out in announcements dates:

- 9 March 2022 and 13 November 2023.

The Statements in this presentation concerning Uranium Exploration Results are out in announcements dates

- 19 November 2024, 15 May 2025, 27 May 2025, 17 June 2025 and 25 June 2025.