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Arafura Resources NL

Uranium Conference
Fremantle - July 2006

Arafura
Resources for the future



Arafura Resources NL

Arafura "Resource Development"

Feasibility study - Nolans Bore
(RE + P + U)

A major resource +20yr mine
life

Joint Ventures in Fe (royalties),
Nickel

De-merged uranium company "Uranium Exploration"

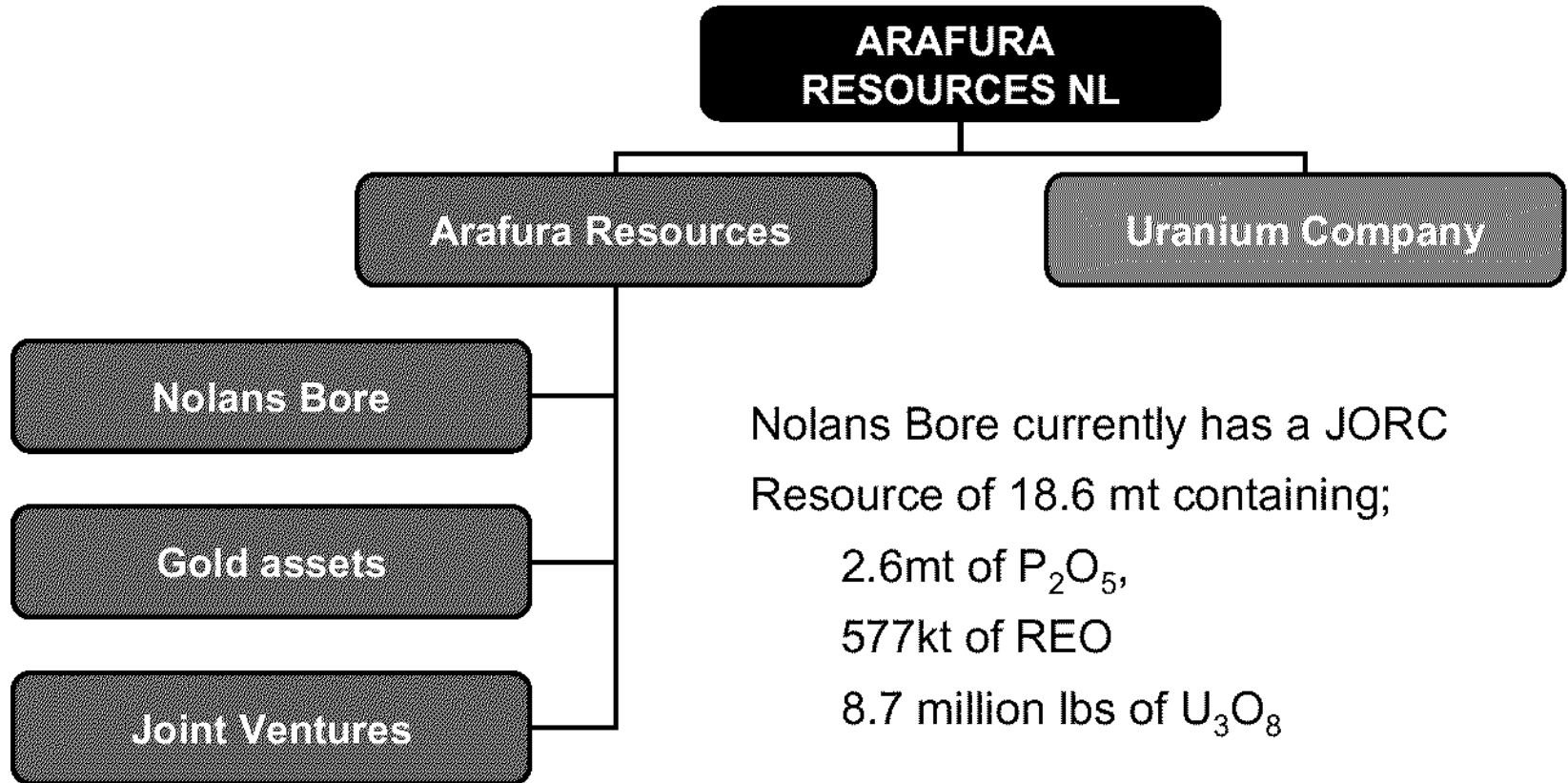
- Unconformity targets
- Surface low grade & large
tonnage targets
- Redox targets

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Arafura to de-merge uranium assets

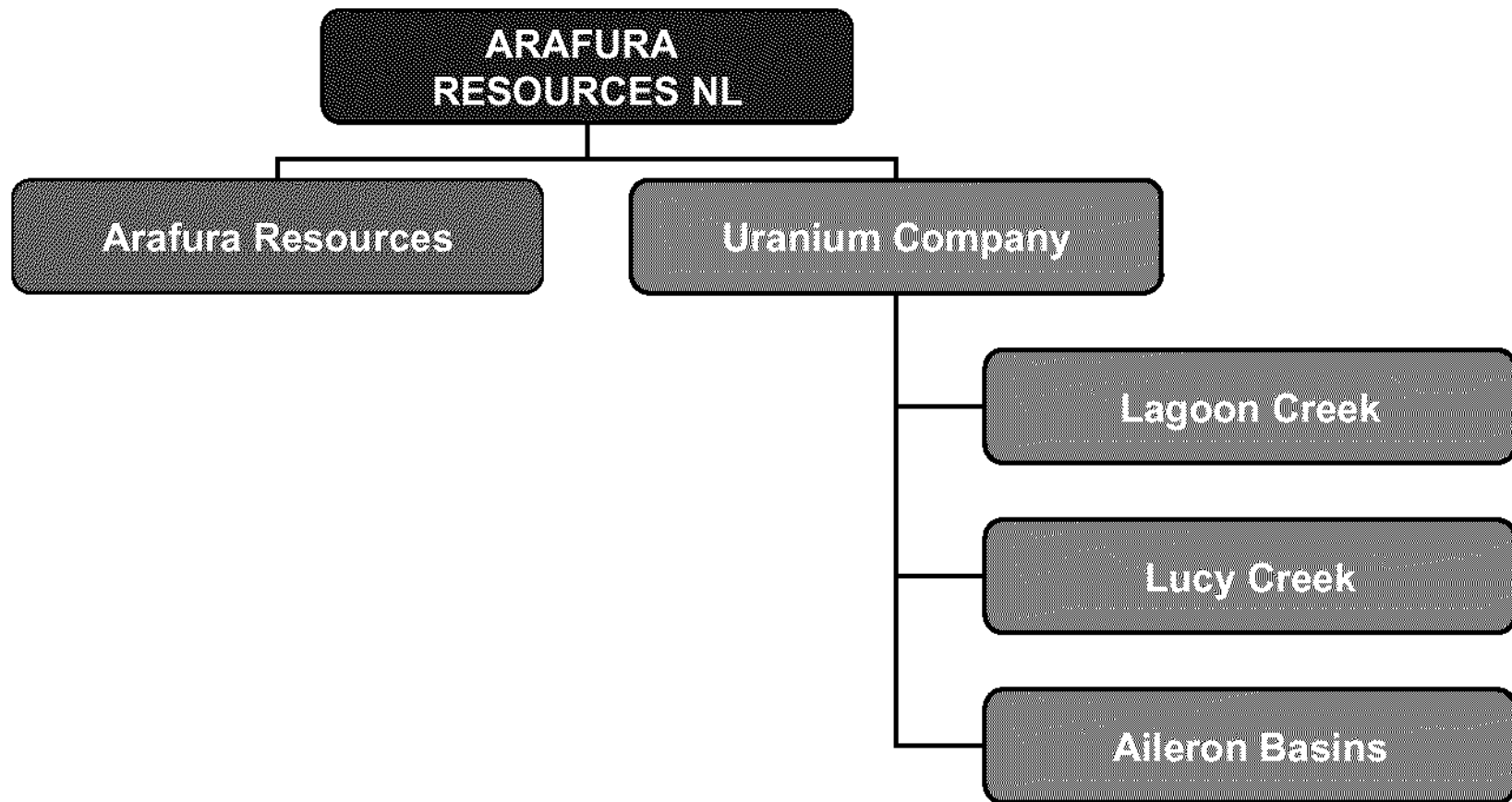


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New company's primary projects



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The de-merger process

Compliance listing of uranium company

- Announcement of structure and asset allocation
- Non-renounceable rights issue to shareholders
- Notice to options holders for participation
- General Meeting for shareholder approval
- Compliance list in late 2006

Available to Arafura shareholders only

Uranium
Energy of the future

The banner features a dark, textured background with a close-up of what appears to be a uranium ore or mineral sample. The text "Uranium" is in a large, bold, white sans-serif font, and "Energy of the future" is in a smaller, white sans-serif font below it.



Northern Territory focused uranium explorer

Location

- Able to mine and develop uranium in the Northern Territory

Project diversity

- +10,000 km² of Unconformity, Surface and Redox targets

People

- Experienced management team in place

Planned exploration

- Budgeted expenditure and exploration is in place

Participation available to Arafura shareholders only

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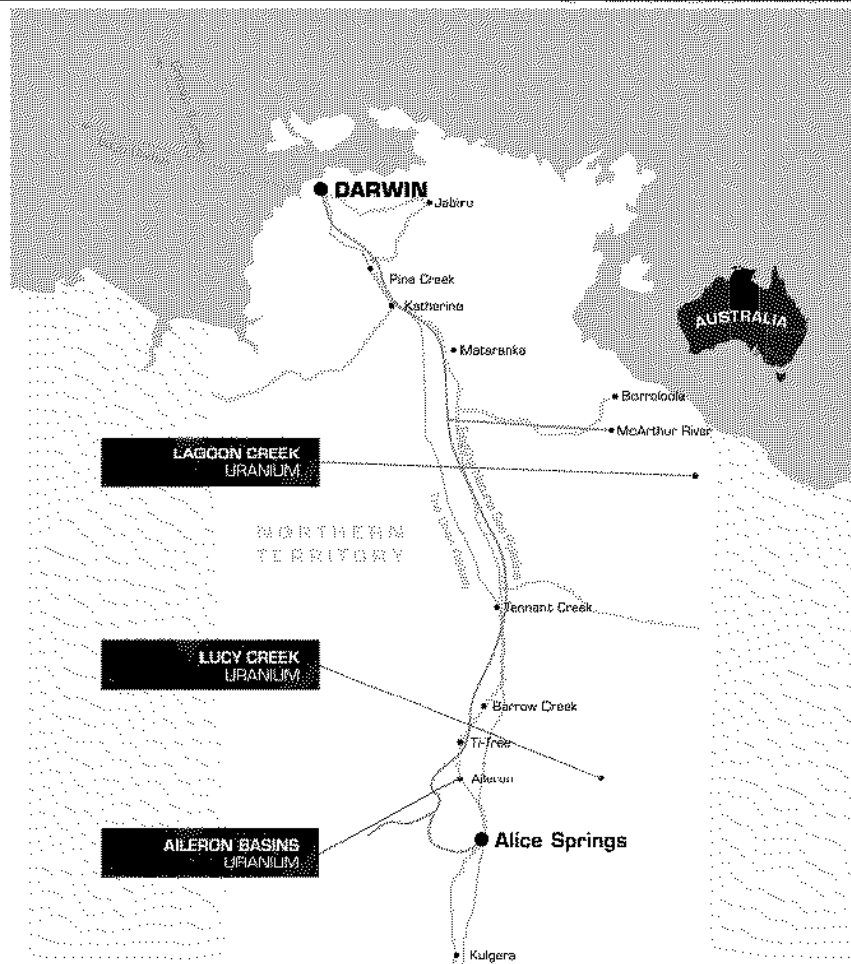


Project locations

Lagoon Creek (Unconformity)

Lucy Creek (Surface targets)

Aileron Basin (Redox targets)



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Lagoon Creek - Unconformity targets

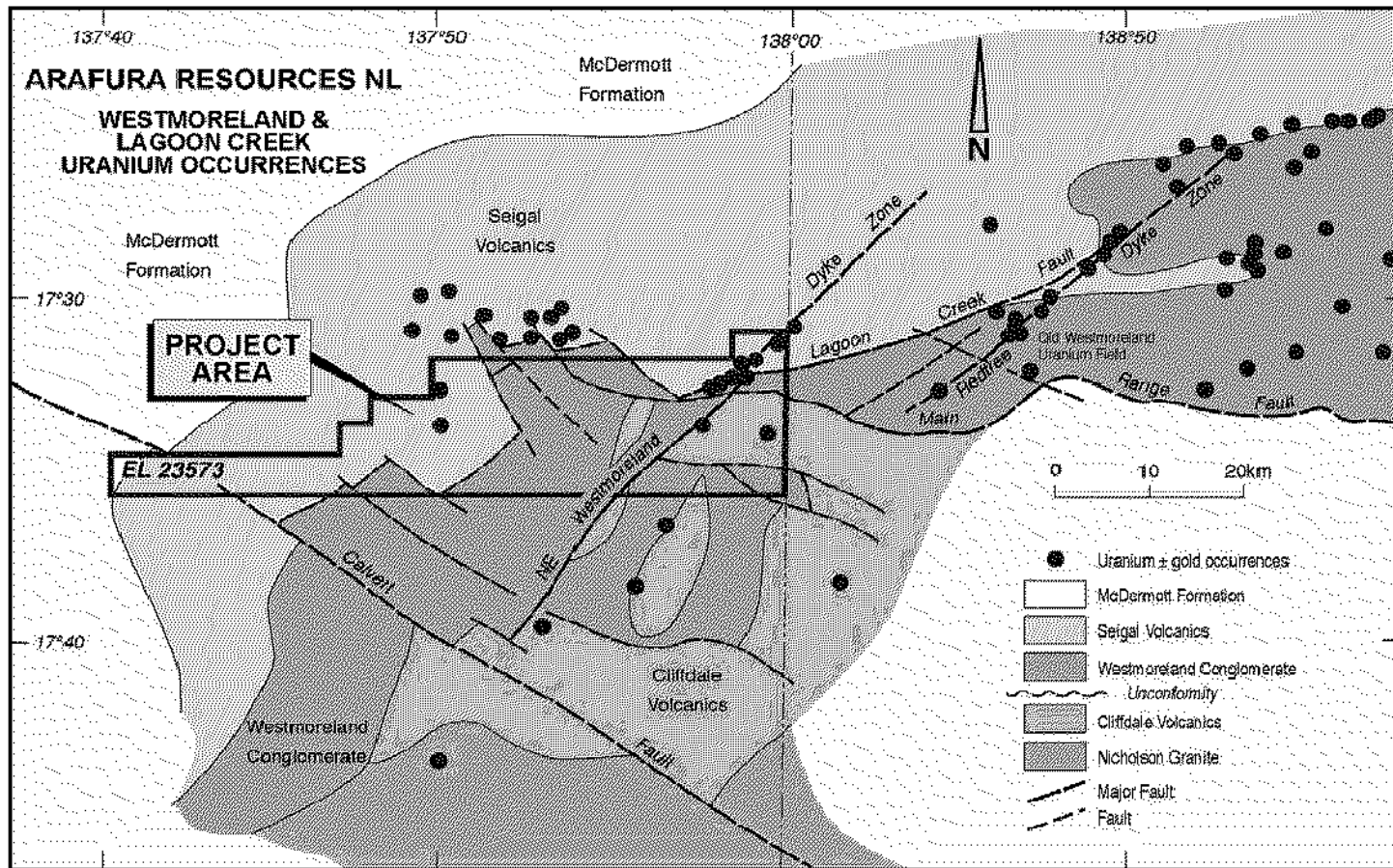
Lagoon Creek (Laramide Resources Ltd farm-in)

- 25 kilometres along strike from the Westmoreland deposit
- Unconformity uranium mineralisation
- Contact between volcanic rocks and sediments
- Corollary to Westmoreland / Ranger mineralisation
- Radiometric anomalies identified
- Drilling to commence September 2006

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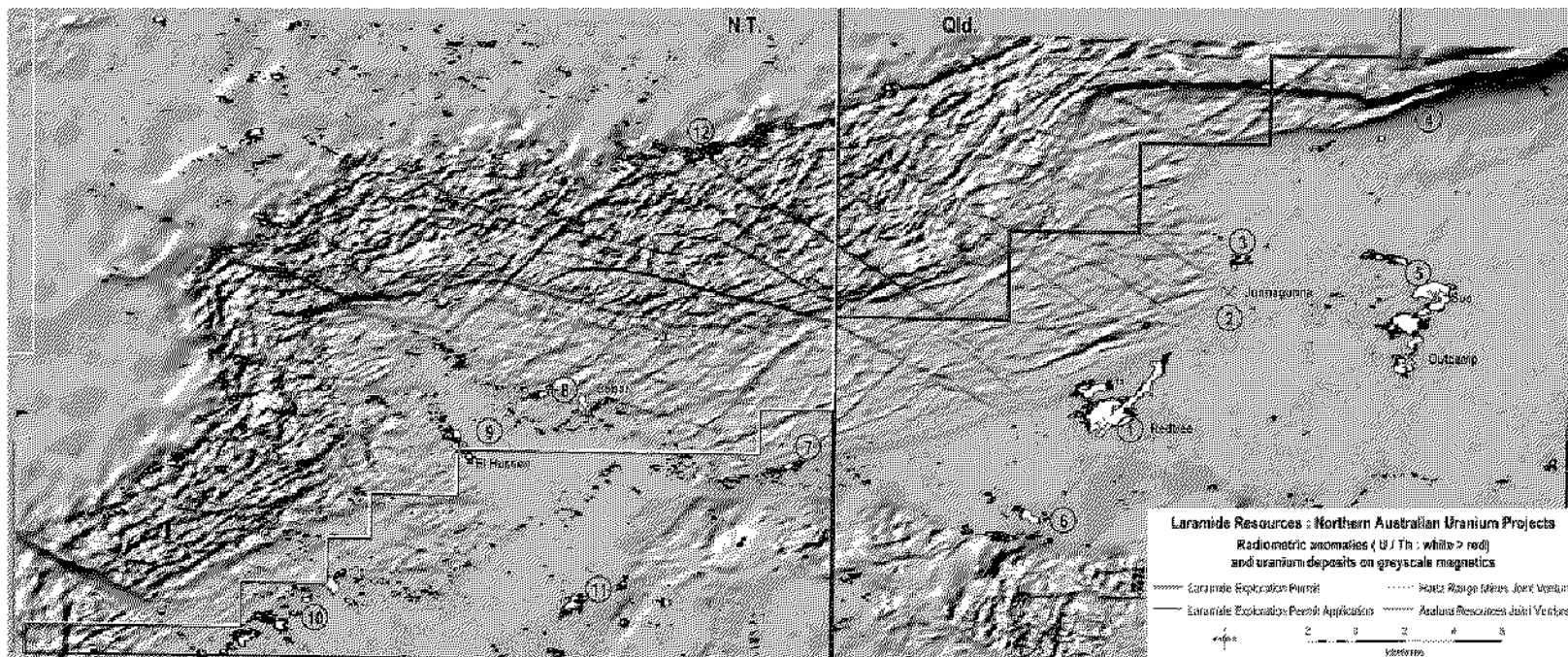
Lagoon Creek - Unconformity targets



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Lagoon Creek – Radiometric image



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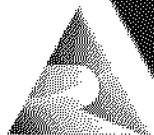


Lucy Creek - Surface targets

Lucy Creek - 100% Arafura

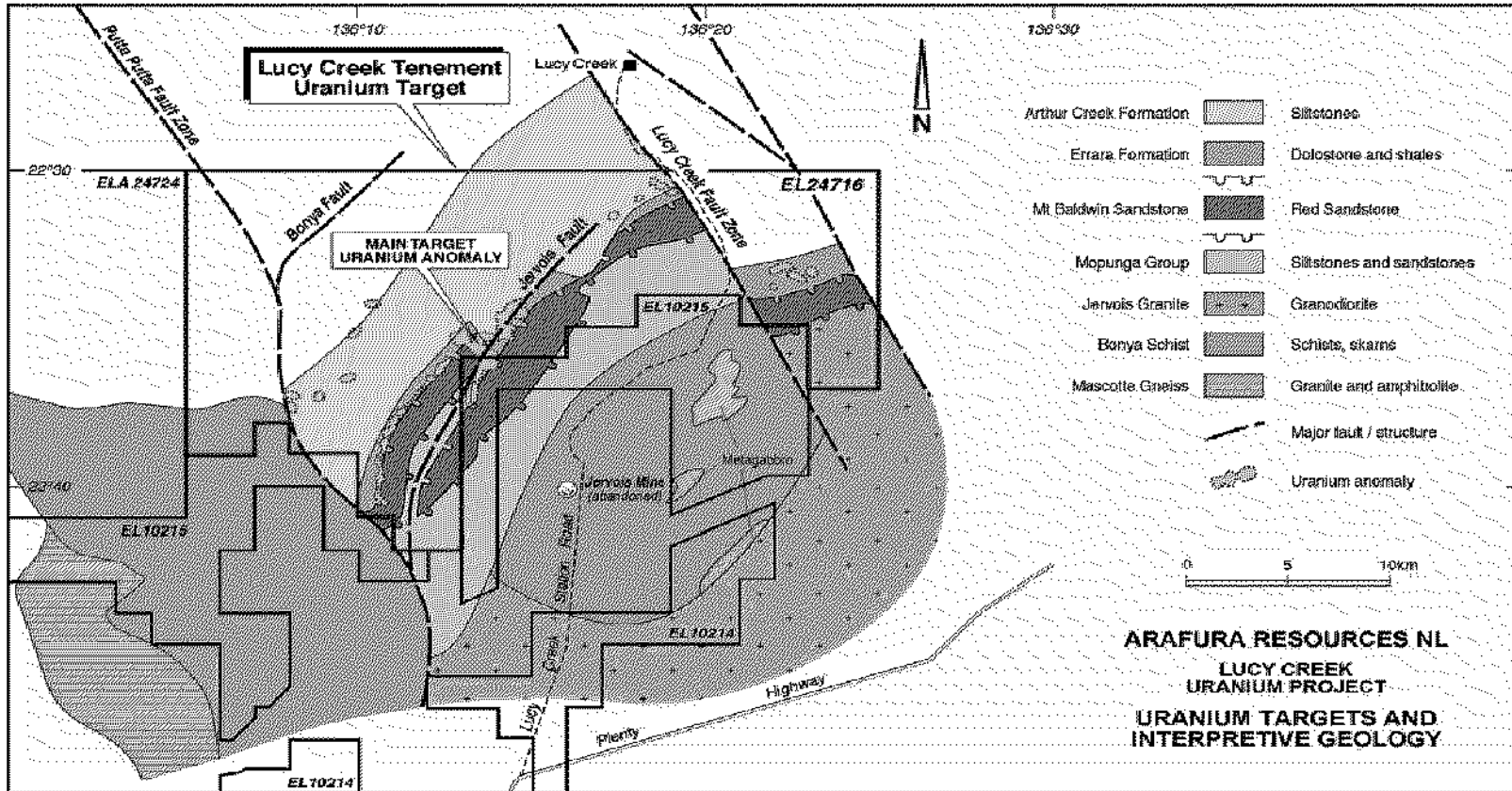
- A uranium only radiometric anomaly
- 6.5km long and 300 – 1200m wide
- Grade up to 1.25lb/t uranium oxide
- Surface target overlies unconformity and structural controls
- Drilling to commence September 2006

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Lucy Creek - Geology

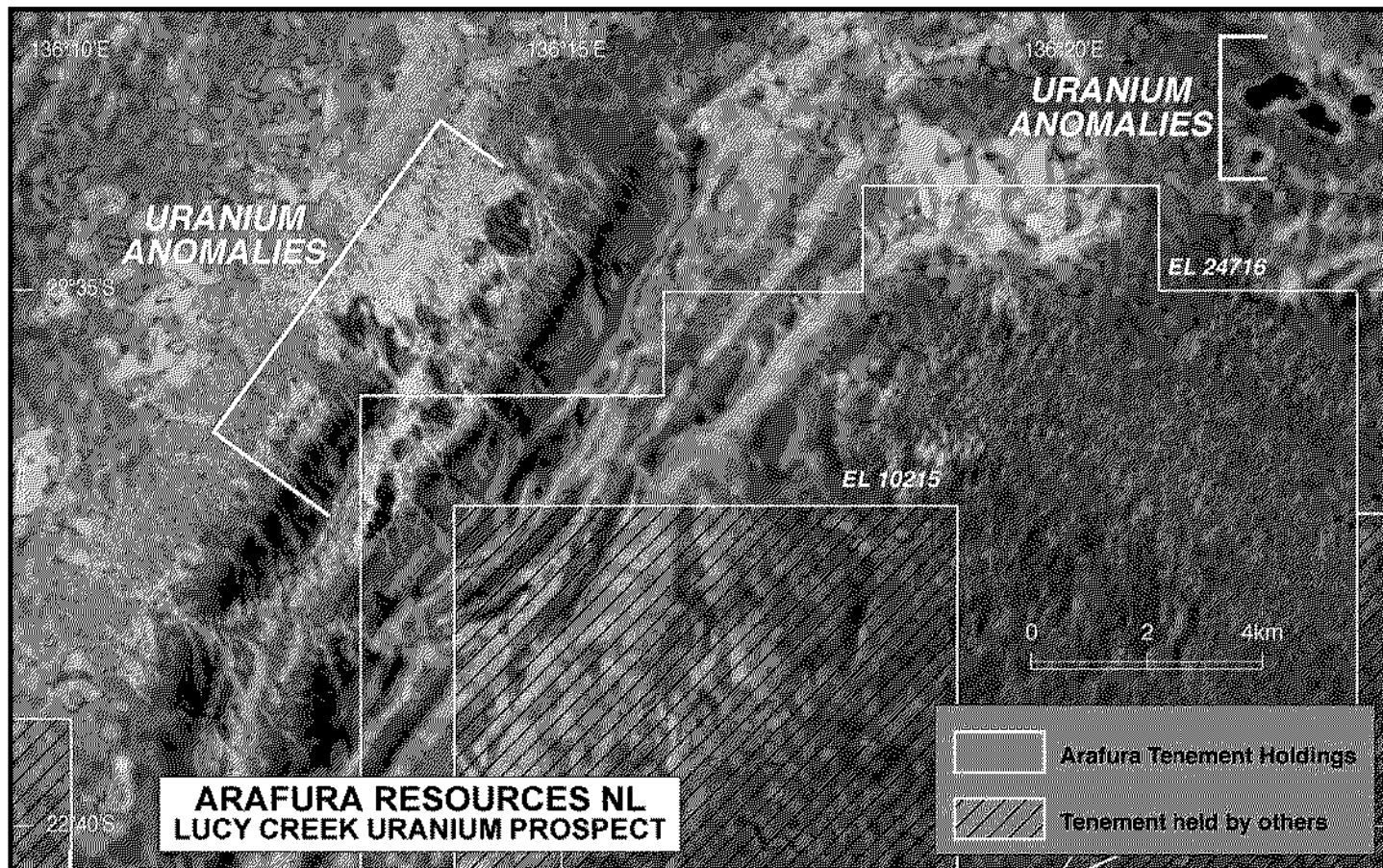


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Lucy Creek – Radiometric image



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Aileron Basins – Redox targets

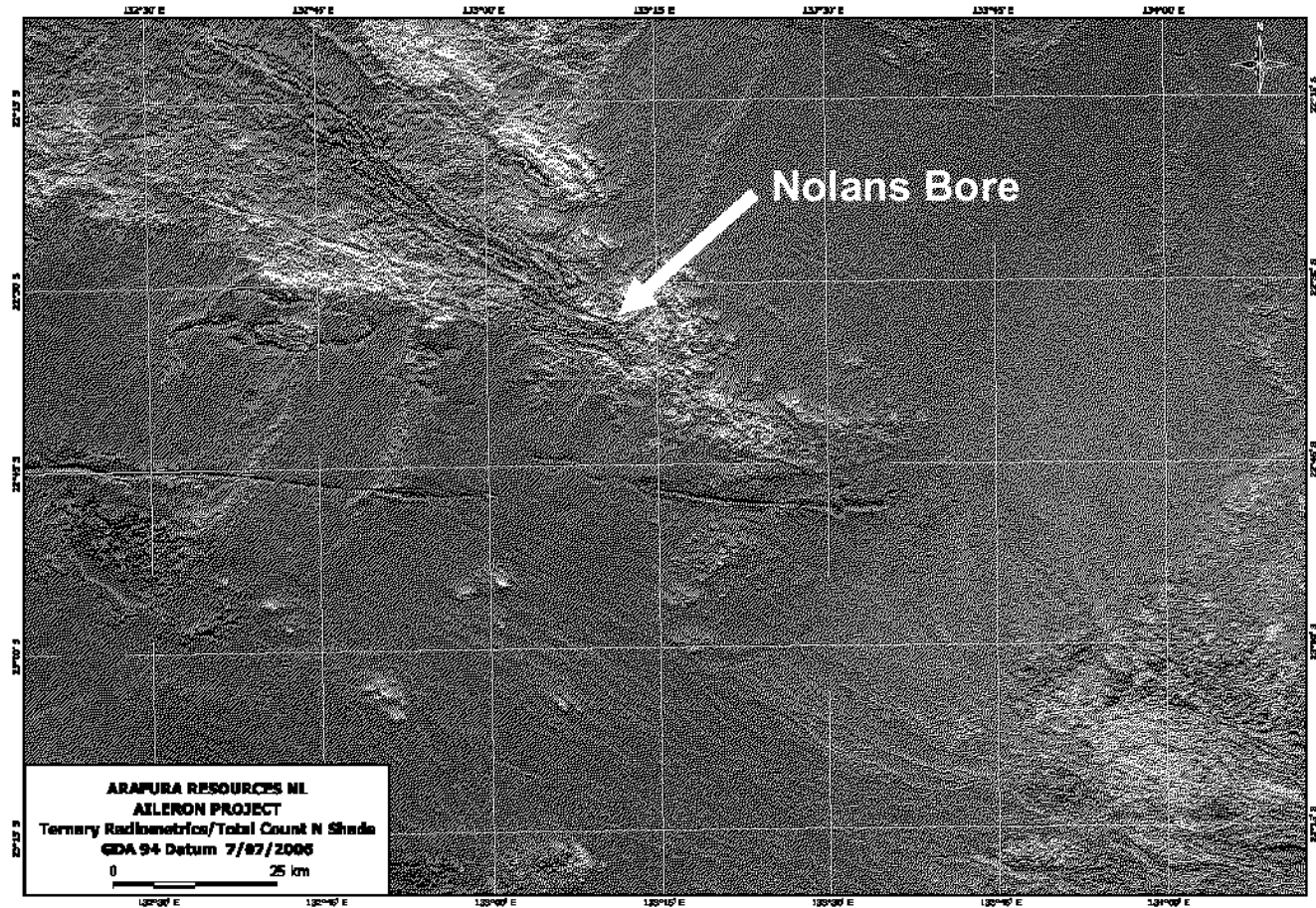
Aileron Basins - 100% Arafura

- 8,000km² of land holdings in five tenements
- Stretches +150km by +100 km
- Substantial area for Redox uranium targets
- Ideal for in-situ leach technology
- Significant lead indicators from source rock
- Source rock for +5mt of contained uranium

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Aileron Basins – Radiometric Image



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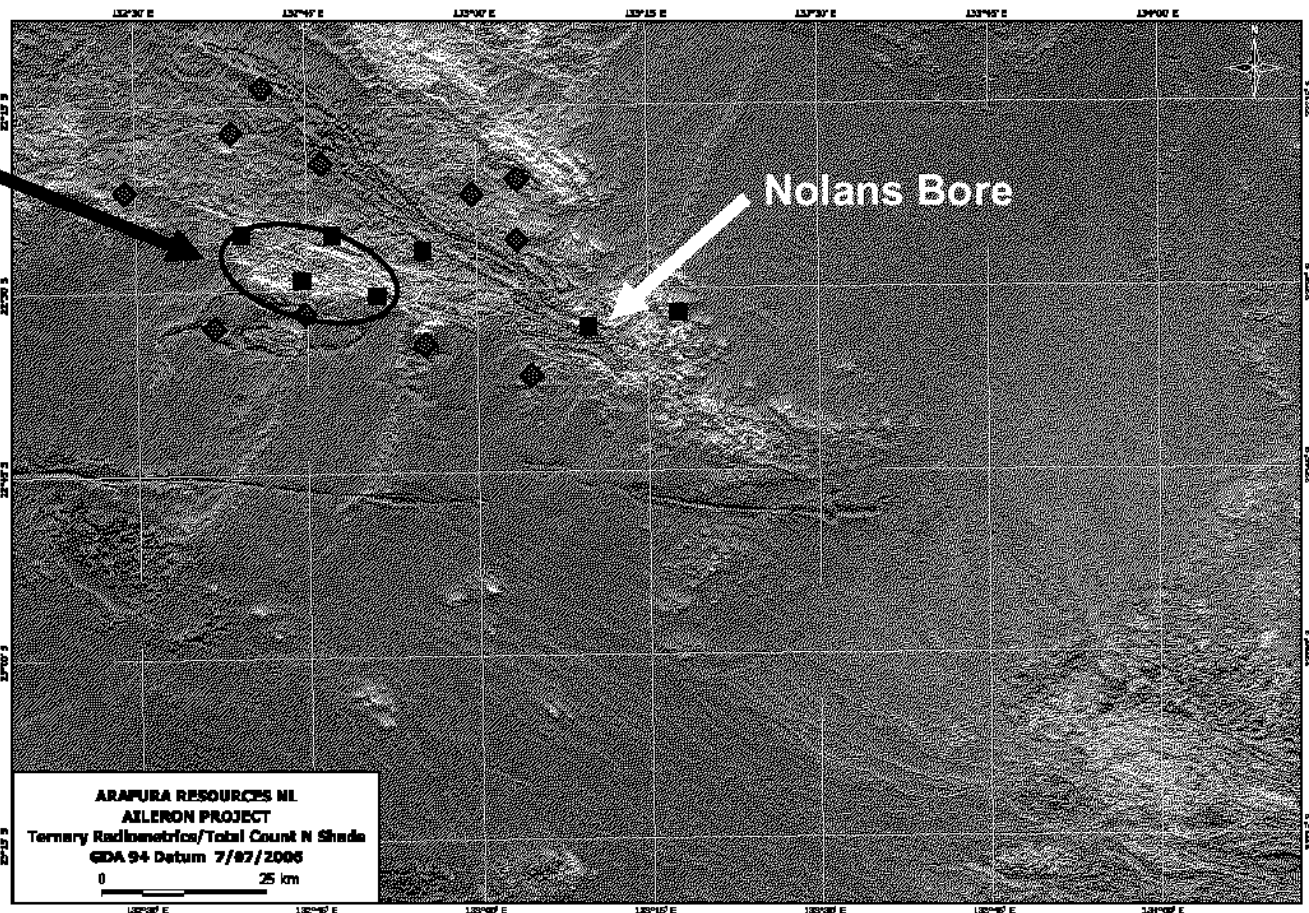


Aileron Basins – Source to deposit

A
Source
rock

■ Rock chip
+800ppm U

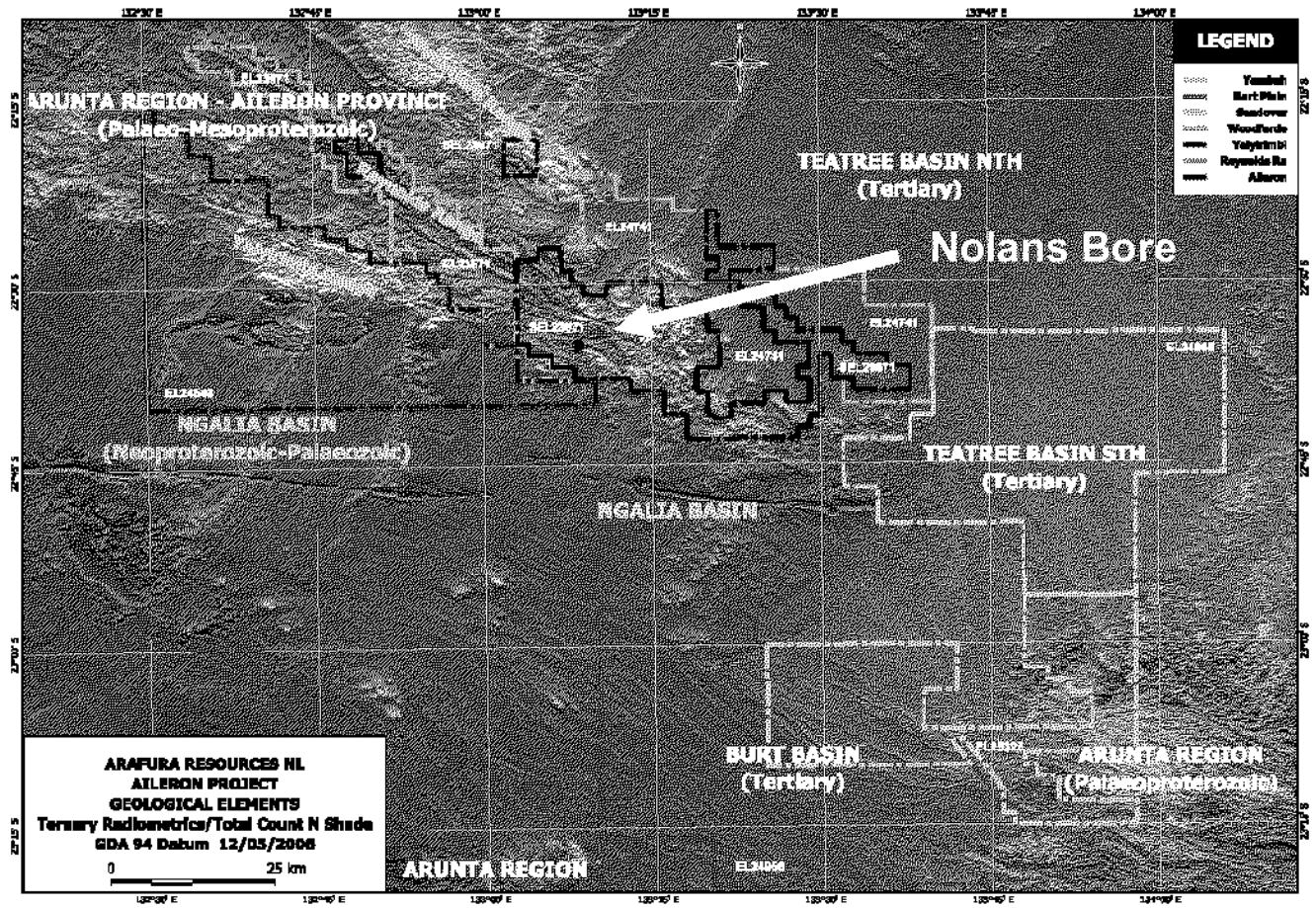
◆ Water bore
+300ppb U



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Aileron Basins – ARU holdings and targets



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Aileron Basins

- A source rock that has shed +5mt of uranium
- All the indicators for uranium accumulation
- Likely target is 50,000 to 100,000 tonnes uranium
- Substantial landholding
- Northern Territory accessibility

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Uranium exploration plans

Lagoon Creek (LAM farm-in)

- Drilling program coordinated by farm-in partner Sep 06

Lucy Creek (100% ARU)

- Drilling program planned for September 06 Sep 06

Aileron Basins (100% ARU)

- Collate data for exploration programs
- On granting of EL then undertake geophysics
- Drill targets planned for late 2007 or 2008 late 2007

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Summary

Compliance listed uranium company

Arafura Shareholders

Lagoon Creek

- High grade potential +10,000 tonne unconformity target

Lucy Creek

- Potential 10,000 tonne near surface low grade large tonnage target

Aileron Basins

- Potential 50,000 to 100,000 tonne Redox target

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The banner features a background image of a uranium mine with large rock formations and a tunnel. The text "Uranium" is in a large, bold, white font, and "Energy of the future" is in a smaller, white font below it.



Arafura Resources NL

compliance listing our uranium assets

Fremantle Uranium Conference

July 2006

A banner at the bottom of the slide with a dark, textured background. It features the Arafura Resources NL logo on the left and the text "Arafura Resources for the future" on the right.

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