

Presentation to Proactive Investor Conference

10 March 2010



sustainable energy resources for the future

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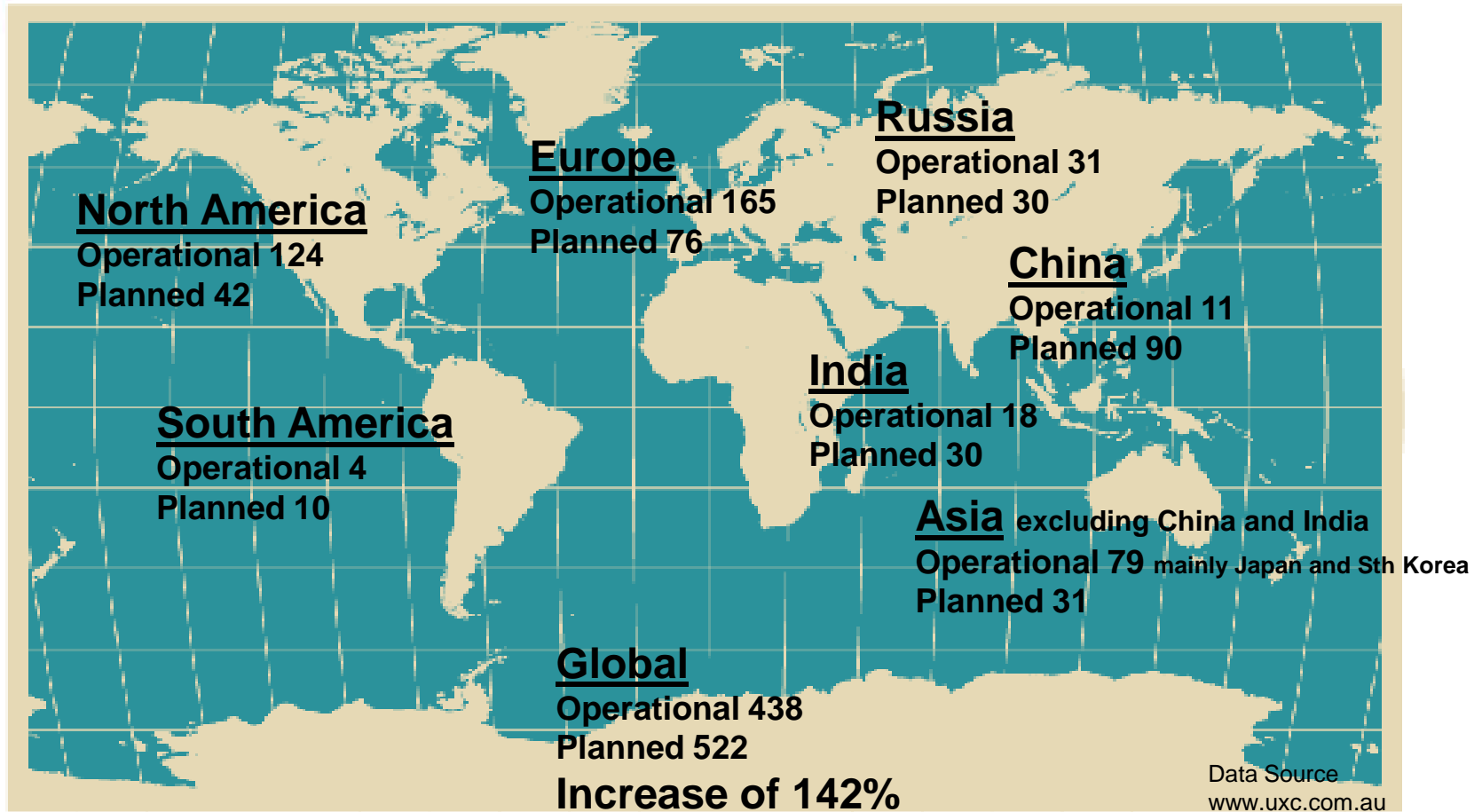
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KEY INVESTOR QUESTIONS

- Why Uranium?
- Why NuPower?

MAJOR REGIONAL OPERATING & PLANNED NUCLEAR REACTORS

Why
Uranium?



It's more like 9am than dawn in the Global Nuclear Power Industry

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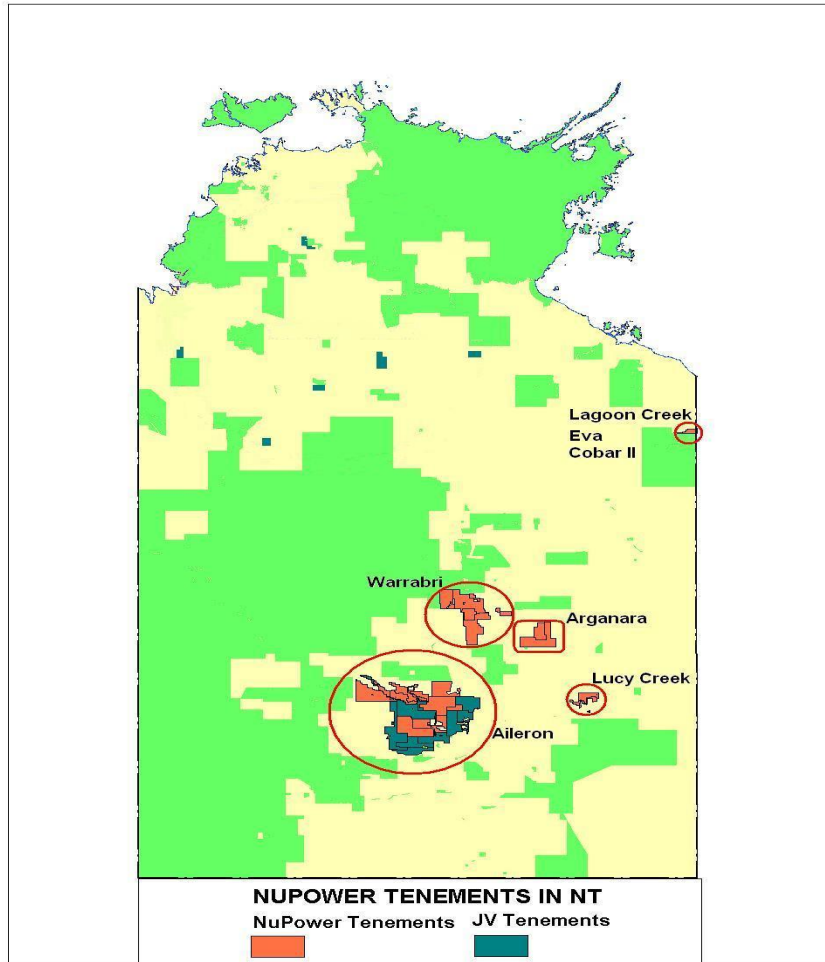
NuPower Resources Limited

ASX Code: NUP

Issued capital:	236,050,855
Market Capitalisation	\$18.9 Million (at 0.08 cents)
Directors	Mick Muir - 25+ Years in Uranium sector Ian Kowalick - Strong Commercial and Government Experience Bob Owen - Strong Capital Market Experience John Jackson - Experienced Technical Skills (Vale)
Key Personnel	Warrick Rafferty – Senior Exploration Geologist Anthony Schildkraut - CFO/Company Secretary

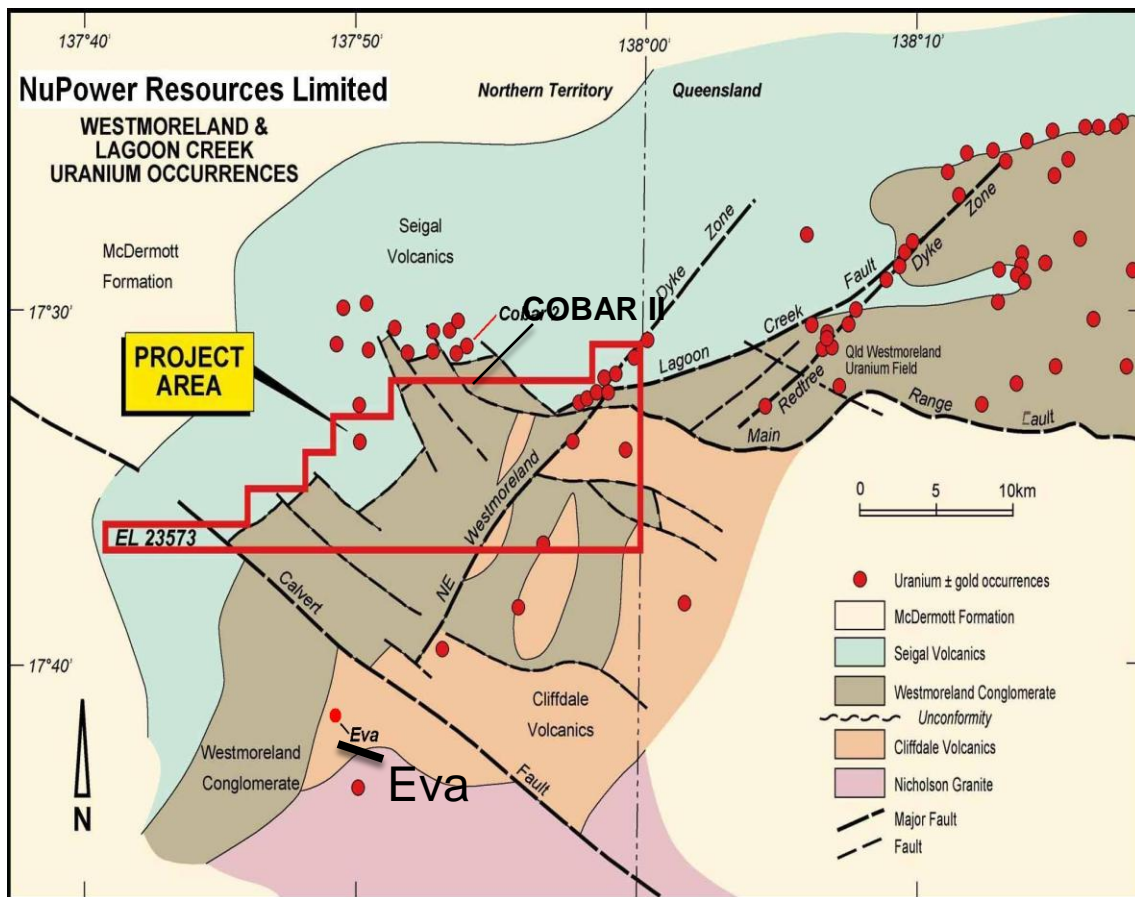
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Northern Territory Focused



- **Westmoreland Project**
Uranium, gold, PGMs other metals
Eva, Cobar II, Lagoon Creek +
negotiating for additional ground
- **Lucy Creek, Arganara Projects**
Phosphate, Uranium
- **Warrabri Project**
Uranium, Phosphate
- **Aileron Project**
Secondary uranium palaeochannels

Eva, Cobar II, Lagoon Creek-Gold, Uranium, PGM



- **Eva**
3,000m drilling Nov-Dec 2009,
Exceptional Au/U308 results
Additional exploration 2010
- **Lagoon Creek**
Drilling under JV completed,
Schedule additional
exploration 2010
- **Cobar II**
Drilling planned for 2010

2009 Eva Drilling Campaign

**Outstanding
Assay Results
including**

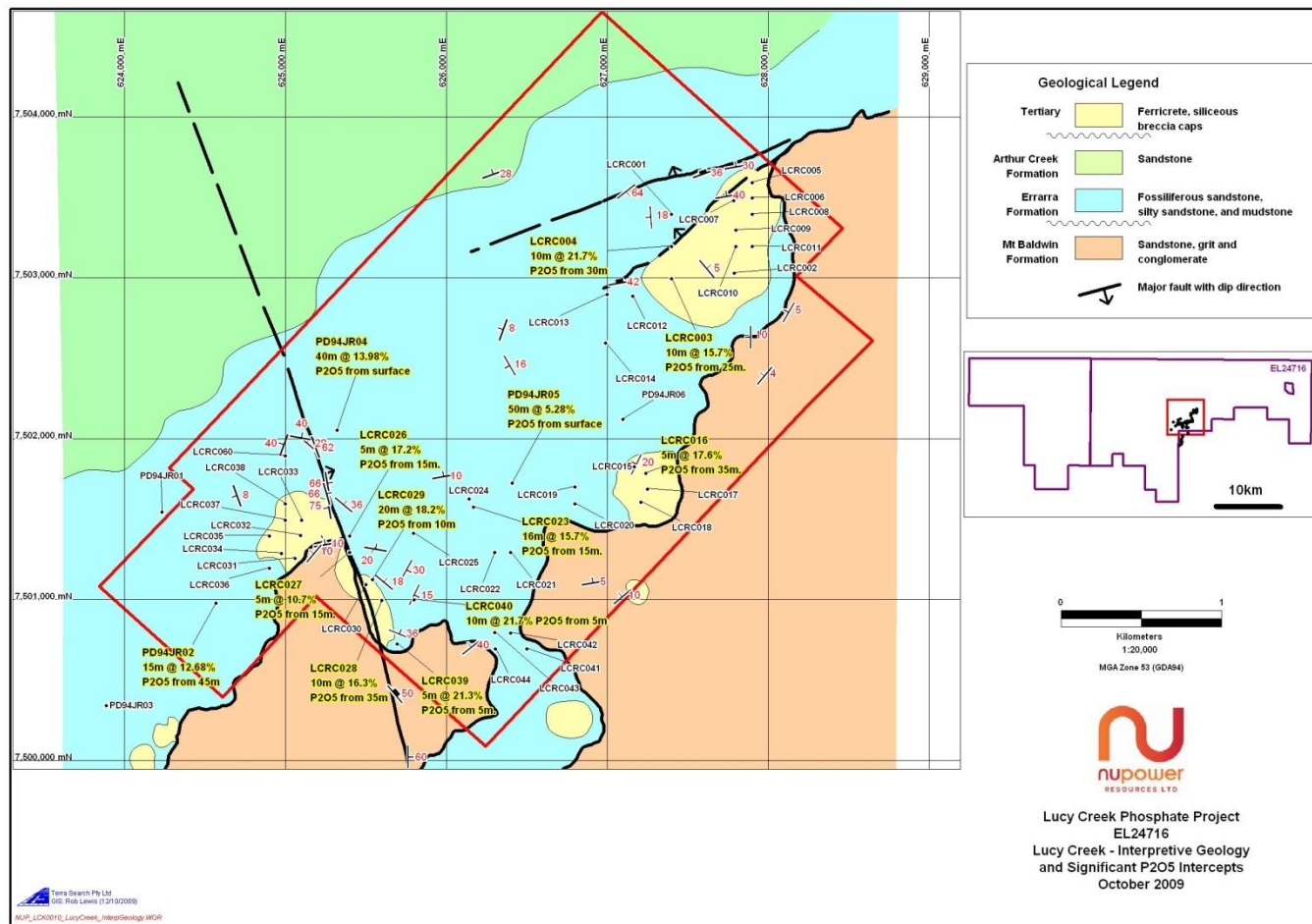
**EVO22- 16m at
13,800ppm U_3O_8
(30.42lb/t), 8.53g/t
Au from surface**

**EVO34 - 21m at
6,000ppm U_3O_8
(13.23lb/t), 5.32g/t
Au from 6m to 27m**

**EVO 36- 12m at
5,900ppm U_3O_8
(13.01lb/t) ,
13.39g/t Au from
surface**

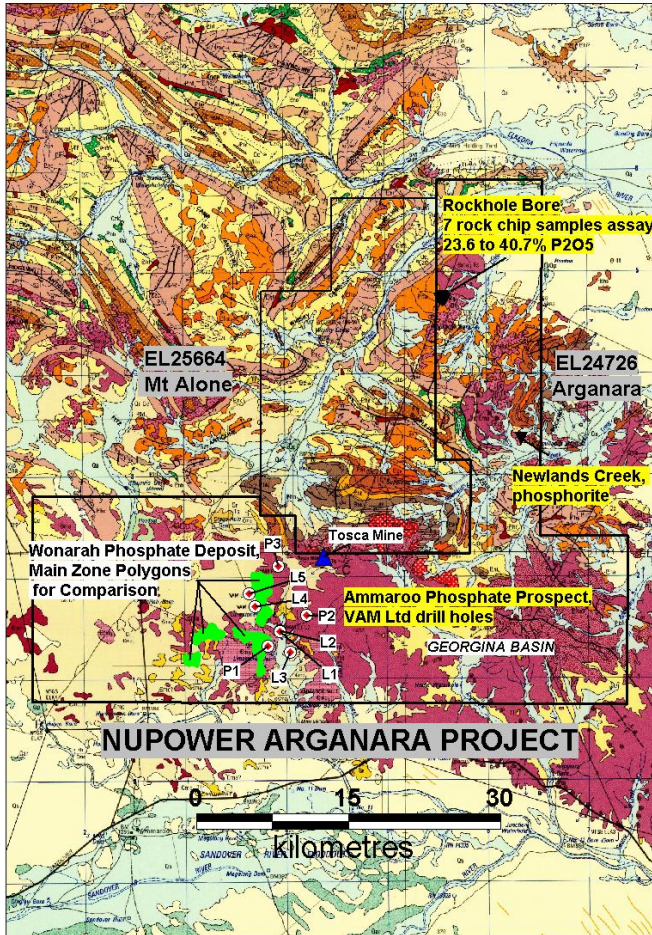


Lucy Creek-Phosphate, Uranium



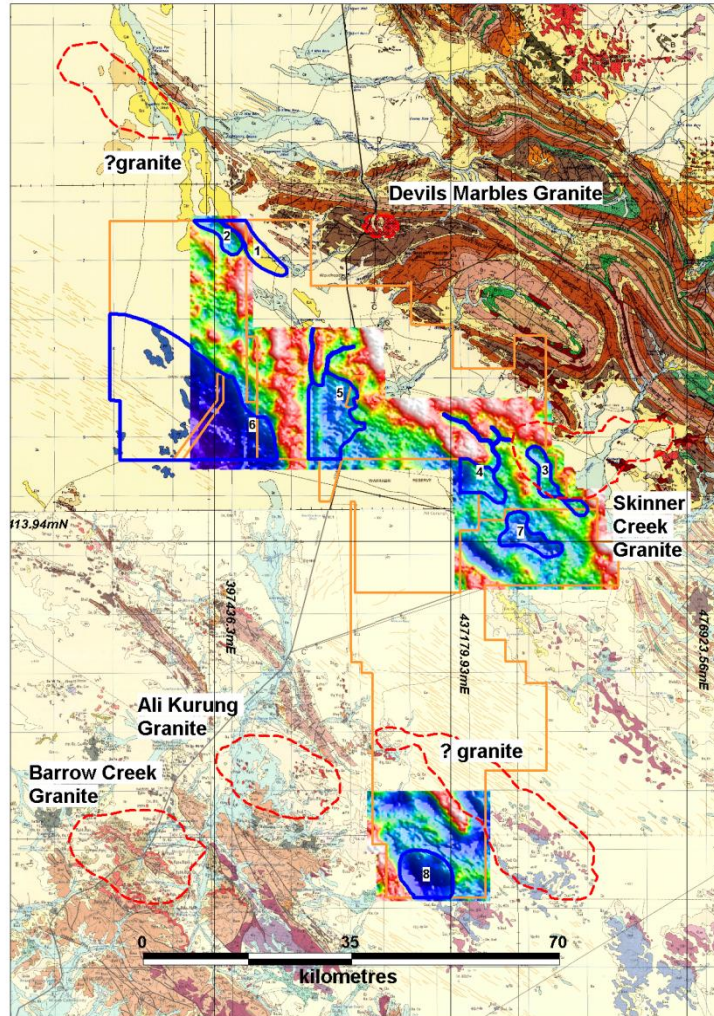
- **Georgina Basin**
- **Conceptual Target**
43 Mt @ 21% P₂O₅ (5 CRA DHs, 45 Arafura DHs)
- **2009 Drilling**
LCRC063: 10m @ 22.05% P₂O₅ from 15m
LCRC074: 40m @ 18.09% P₂O₅ from 15m, including 10m @ 31.95% P₂O₅ from 20m

Arganara-Phosphate, Uranium



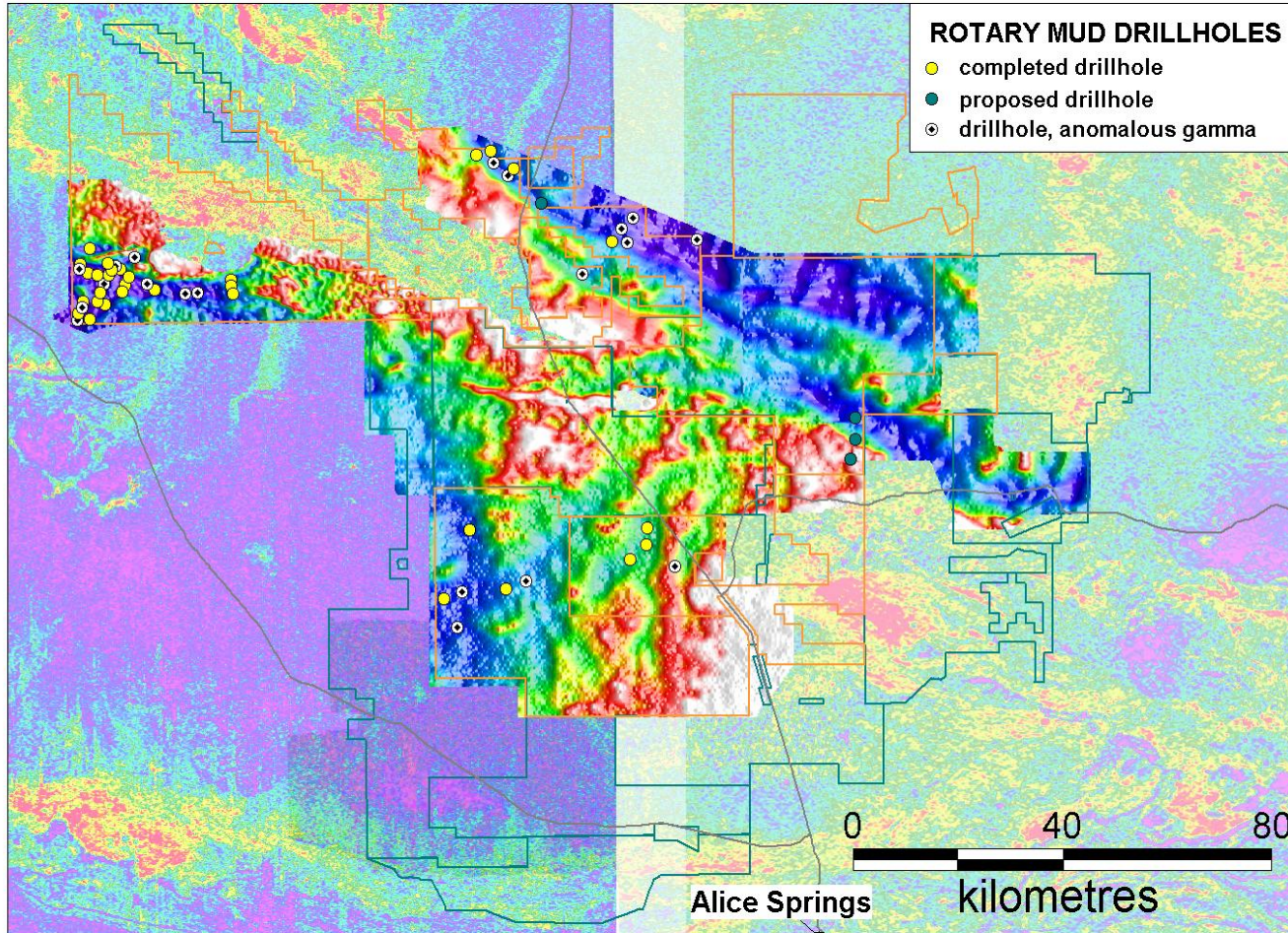
- Significant P₂O₅ intercepts from historical data:
 - L5** 7.3m @ 6% P₂O₅ from 28m
 - L4** 20m @ 9.1% P₂O₅ from 38m incl 9m @ 14.7% P₂O₅ from 28m
 - L2** 7m @ 13.1% P₂O₅ from 23m incl 3m @ 23.7% P₂O₅ from 26m
- Underexplored; other occurrences found during reconnaissance
- Drilling planned for 2010

Warrabri- Uranium, Phosphate



- Airborne EM completed in 2008.
- New Tertiary Basin identified
- Follow up work scheduled 2010
- Anomalous water chemistry from calcretes
- Cambrian phosphatic rocks

Aileron-Uranium, (basement?)



- Extensive airborne EM surveys 2007, 2008
- 50 drill holes for 11,000m. Confirms Exploration model
- 350 km of interpreted paleochannels for follow up

KEY INVESTOR QUESTIONS ANSWERED

Why Uranium?

- In a carbon regulated world, nuclear power is currently the only **proven** technology able to provide sufficient carbon emission free, reliable base load power
- It's a mature industry in a rapid global growth phase – Asia, particularly China is under utilising nuclear power when compared globally
- It's price competitive in today's power market

Why NuPower?

- Strong experienced team in an industry that has a significant skills shortage
- Northern Territory focused - the right spot from a regulatory and political risk perspective
- Solid working relationships with Traditional Owners
- Advanced exploration projects with real historical results and a strong focus moving forward

Thank You



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