



ASX Code **NUP**

#### Capital Details

Shares on issue 271,458,483  
Share Price \$0.037  
Market cap \$10.04mil

#### Directors

##### Executive Chairman

Mick Muir

##### Non Executive Directors

Ian Kowalick  
Robert Owen  
John Jackson

##### Company Secretary

Anthony Schildkraut

#### Projects

**Lucy Creek/Arganara-Phosphate**  
**Aileron – Uranium/ REE's Focus**  
**Westmoreland: Eva/Cobar II and**  
**Lagoon Creek- Uranium/Gold**

*NuPower Resources Limited is a Northern Territory focused exploration company. Our vision is to become a successful exploration and mining company with superior cashflows.*

## ASX ANNOUNCEMENT / MEDIA RELEASE

11 APRIL 2011

### GEORGINA BASIN PHOSPHATE PROJECTS UPDATE

- **LUCY CREEK ASSAYS HIGHLIGHT SIGNIFICANT INTERVALS OF HIGH GRADE PHOSPHATE**
- **EXPLORATION TO FOCUS ON ARGANARA**

Exploration for phosphate in our Arganara and Lucy Creek Projects will be a focus for NUP during 2011.

NuPower is exploring phosphate projects located on the margin of and in the basal part of the Georgina Basin, an extensive Cambrian sedimentary basin that occupies much of the central-eastern part of the Northern Territory and extends eastwards into Queensland as far as Mt Isa.

This basin hosts numerous phosphate occurrences and deposits at similar stratigraphic positions including the Phosphate Hill deposit in Queensland, the Wonarah and Highland Plains deposits in the Northern Territory and the recent Rum Jungle Barrow Creek 1 discovery immediately adjacent to NUP's Arganara Project.

#### LUCY CREEK PROJECT

NuPower Resources Ltd is pleased to announce that the assays of 1m splits of previously reported 5 meter composite samples from RC drilling reinforces the existence of significant thicknesses of high grade phosphate mineralisation with the potential for Direct Shipping Ore (DSO) at the Company's Patanella Prospect.

Some of the highest grade intersections include;

LCRC004	<b>7m @ 25.4% P2O5</b> from 31m <i>including</i> <b>4m @ 30.00% P2O5</b> from 32m
LCRC028	<b>5m @ 28.0% P2O5</b> from 37m <i>including</i> <b>4m @ 30.60% P2O5</b> from 37m
LCRC062	<b>4m @ 30.9% P2O5</b> from 8m
LCRC063	<b>7m @ 27.4% P2O5</b> from 17m <i>including</i> <b>4m @ 30.90% P2O5</b> from 19m
LCRC074	<b>12m @ 29.5% P2O5</b> from 18m <i>and</i> <b>8m @ 34.2% P2O5</b> from 22m

(Intersections calculated using a 15% with 2m internal dilution and 25% cut-off with no internal dilution. Full assay results are appended at the end of this release).

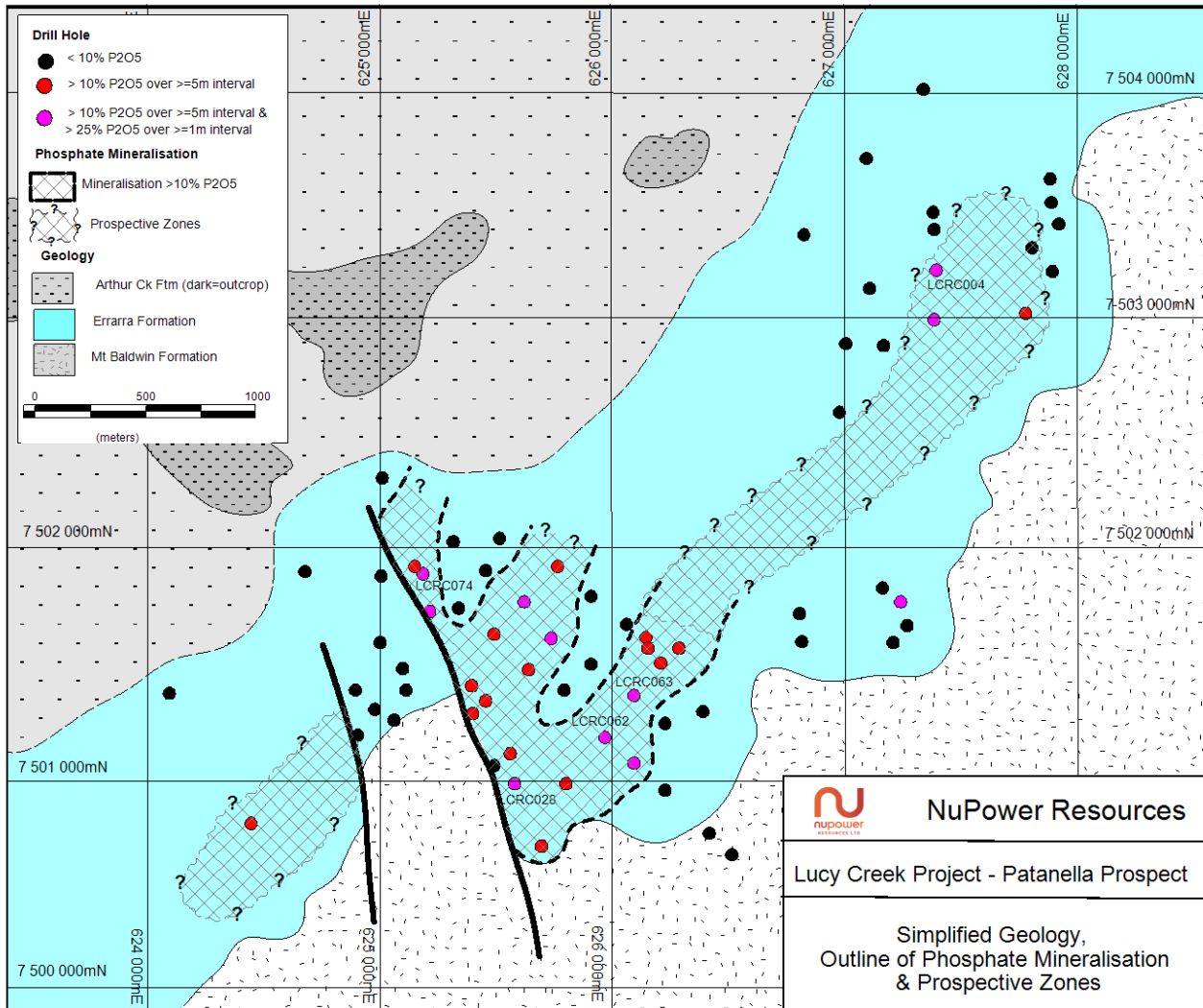


Diagram 1 – Patanella Prospect – Lucy Creek

Using these results, a synthesis of all previous drilling at Patanella has been completed, providing an improved understanding of the controls and geometry of the phosphate mineralisation. It is now recognised that the Patanella deposit is associated with a palaeo-high close to the palaeo-shoreline, and within an embayment, in common with other phosphate deposits in the Georgina Basin. The phosphate mineralization is still open to the northeast.

There is approximately 45km of phosphate-prospective strike length of lower Cambrian sediments to explore over both tenements comprising the project. Fieldwork will be undertaken this field season with the initial aim of delineating targets for a drilling program in the third quarter this year. The program is planned to include further drilling at Patanella to extend the known mineralisation.

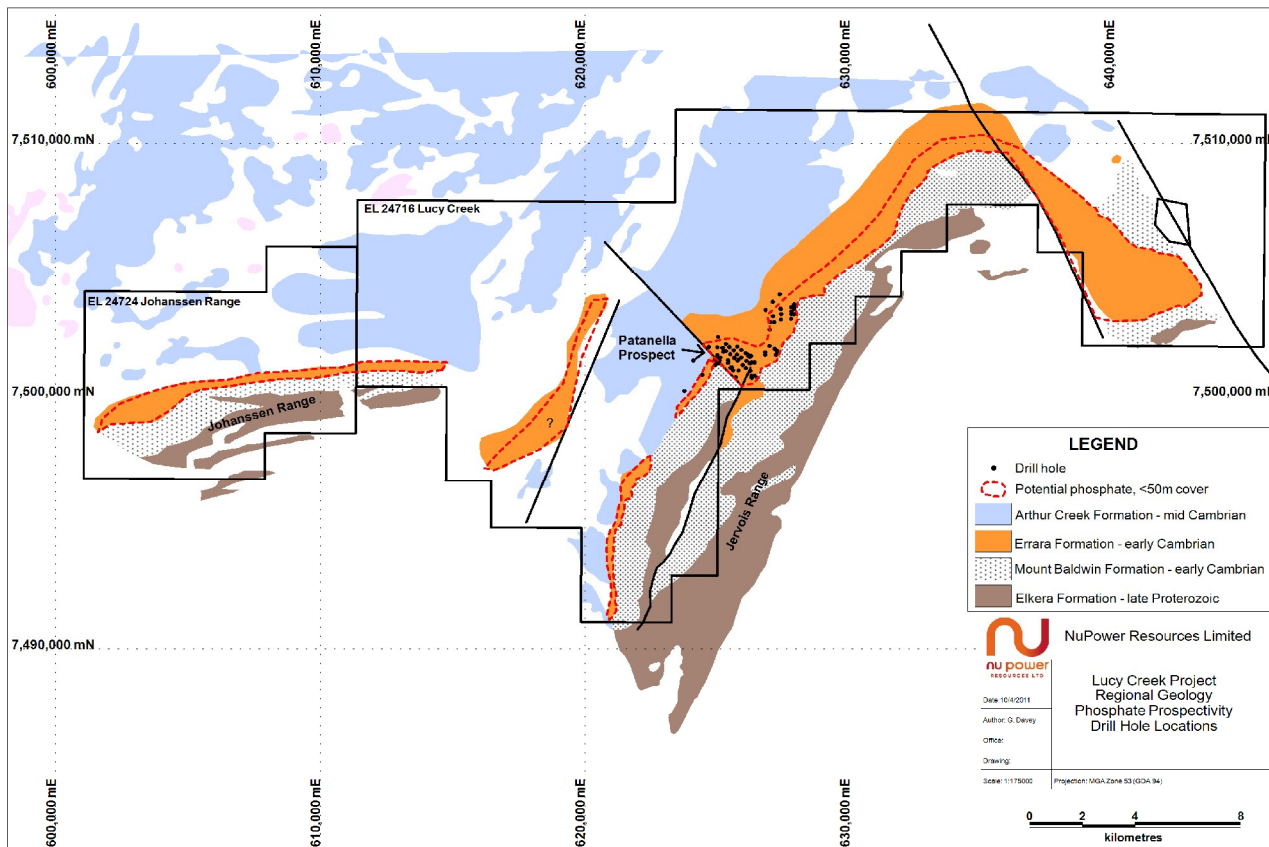


Diagram 2 – Regional Potential Lucy Creek

## ARGANARA PROJECT

Arganara will be the initial focus for exploration during 2011 for NUP to follow up the high grade phosphate results that were previously released (see ASX announcement 28 January 2011). This indicated the prospective Arthur Creek Formation over a strike length of at least 20km to the east of Rum Jungle's Barrow Creek Project.

Fieldwork is now scheduled to recommence as an immediate priority, with the aim of developing targets for drill testing;

1. Immediately eastward of Rum Jungle Resources Barrow Creek 1 discovery, and further again to the east along the prospective base of the Arthur Creek Formation (see map in 28 January 2011 release).
2. In the Limestone Bore area.
3. In the area of Anomaly L area near the northern end of the project area,

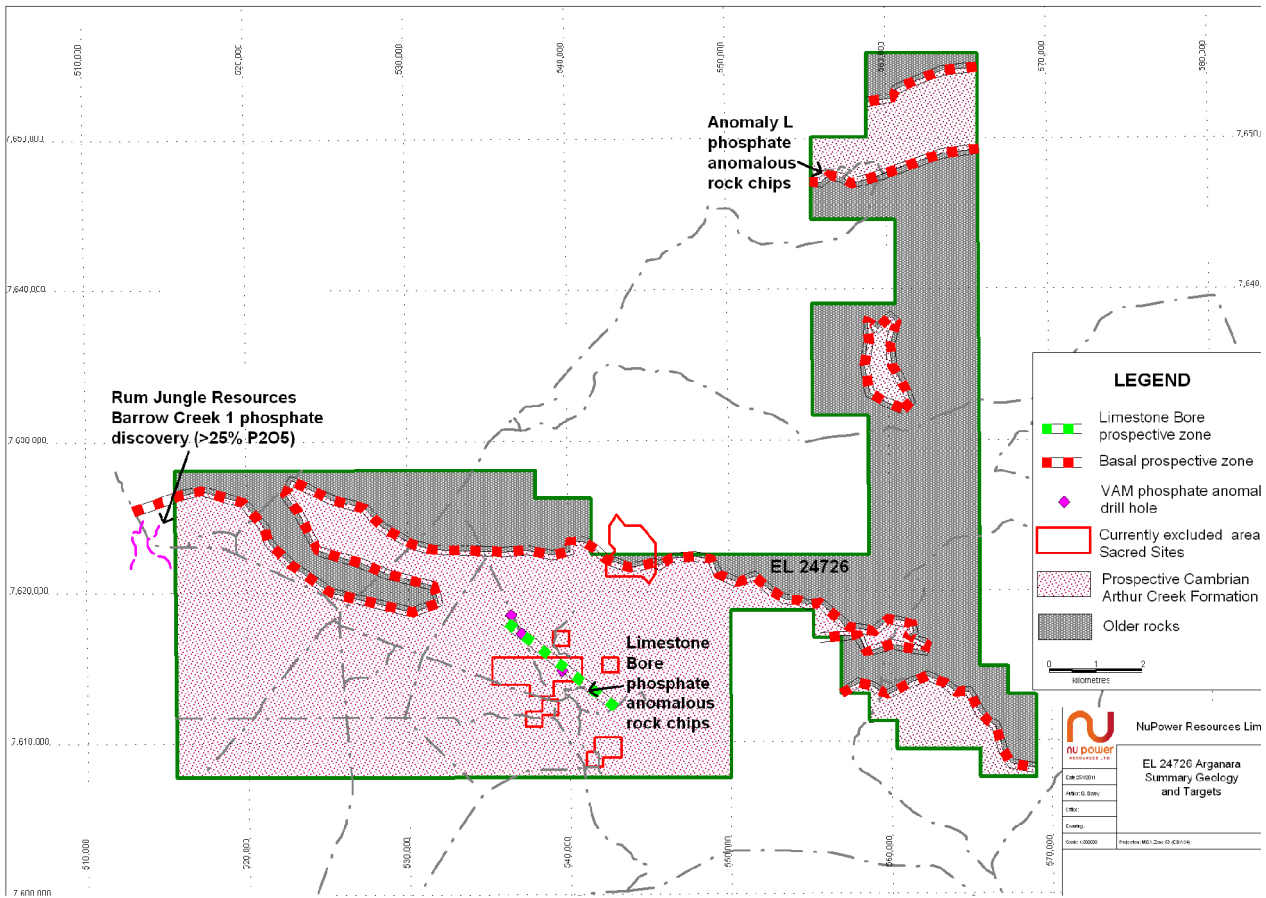


Diagram 3 – Arganara Summary Geology

An Exploration License application for 6 sub-blocks has been made in the latter area to close off the prospective base of the Arthur Creek Formation.

**I G (Mick) Muir**  
**Executive Chairman**

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*The information in this release relates to exploration results and geological interpretation by Mr Warrick Rafferty (MSc). Mr Rafferty is a Member of the Australasian Institute of Mining and Metallurgy and a Fellow of the Society of Economic Geology and has sufficient experience to qualify as a Competent Person as defined in the Australasian Code for Reporting of Mineral Resources and Ore Reserves (JORC CODE) for reporting exploration results. Mr Rafferty consents to the inclusion of the data in the form and context in which it appears.*

*This release may contain forward-looking statements. The actual results could differ materially from a conclusion, forecast or projection in the forward-looking information. Certain material factors or assumptions were applied in drawing a conclusion or making a forecast or projection as reflected in the forward-looking information.*

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**NuPower Resources Limited**  
**LUCY CREEK PHOSPHATE PROJECT 1m RE ASSAYS**

HOLE NO	East_MGA	North_MGA	ORIGINAL 5m COMPOSITES	Intervals from 1m Re-Assaying >15% P2O5	Intervals from 1m Re-Assaying >25% P2O5
LCRC 003	627393	7502999	NOT AVAILABLE	8m @ 18.1% P2O5 from 25m	incl 1m @ 25.2% P2O5 from 29m
LCRC 004	627411	7503205	10m @ 21.7% from 30m	7m @ 25.4% P2O5 from 31m	incl 4m @ 30.0% P2O5 from 32m
LCRC 016	627234	7501789	NOT AVAILABLE	4m @ 18.4% P2O5 from 35m	incl 1m @ 27.0% P2O5 from 36m
LCRC 023	626166	7501580	16m @ 15.7% from 15m	4m @ 21.5% P2O5 from 17m and 1m @ 17.3% P2O5 from 24m and 2m @ 15.6% P2O5 from 29m	
LCRC 028	625598	7500994	10m @ 16.3% from 35m	5m @ 28% P2O5 from 37m	incl 4m @ 30.6% P2O5 from 37m
LCRC 061	626084	7501089	5m @ 23.0% from 5m	6m @ 23.1% P2O5 from 4m	incl 2m @ 28.4% P2O5 from 5m
LCRC 062	625965	7501204	10m @ 17% from 5m	4m @ 30.9% P2O5 from 8m	4m @ 30.9% P2O5 from 8m
LCRC 063	626090	7501373	10m @ 22.0% from 15m	2m @ 19% P2O5 from 4m	7m @ 27.4% P2O5 from 17m incl 4m @ 30.9% P2O5 from 19m and 1m @ 28.6% P2O5 from 37m
LCRC 065	625617	7501783	NOT AVAILABLE	2m @ 22.2% P2O5 from 25m	
LCRC066	625491	7501636	NOT AVAILABLE	1m @ 18.7% P2O5 from 26m	
LCRC 067	625421	7501367	NOT AVAILABLE	1m @ 19.6% P2O5 from 19m 1m @ 15.1% P2O5 from 22m 1m @ 16.6% P2O5 from 24m	
LCRC 068	625739	7501622	10m @ 18% from 40m	1m @ 16.2% P2O5 from 30m and 8m @ 20.1% P2O from 41m	incl 1m @ 26.6% P2O5 from 47m
LCRC 069	625641	7501487	NOT AVAILABLE	3m @ 18.7% P2O5 from 19m	
LCRC 074	625212	7501879	10m @ 32% from 20m	12m @ 29.5% P2O5 from 18m and 8m @ 34.2% P2O5 from 22m	12m @ 29.5% P2O5 from 18m and 8m @ 34.2% P2O5 from 22m
			5m @ 17% from 35m 10m @ 16% from 45m	5m @ 16.2% P2O5 from 35m 3m @ 20.5% P2O5 from 44m and 3m @ 20.4% P2O5 from 51m	incl 1m @ 27.7% P2O5 from 45m
LCRC 084	626225	7501259	NOT AVAILABLE	2m @ 15.9% P2O5 from 24m	
LCRC 085	626219	7501527	NOT AVAILABLE	1m @ 21.0% P2O5 from 17m	
LCRC 089	625218	7501744	10m @ 16.8% from 15m	8m @ 24.4% P2O5 from 17m	incl 2m @ 30.3% P2O5 from 18m and 1m @ 25.4% P2O5 from 22m
			5m @ 17.2% from 35m 10m @ 17.4% from 50m	2m @ 20.2% P2O5 from 36m 10m @ 18.6% P2O5 from 50m	incl 1m @ 27.1% P2O5 from 53m and 1m @ 26.2% P2O5 from 57m

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