8th August 2012

ASX Code: NUP

Capital Details

Shares on issue:	511.8 mil
Share Price:	$0.020
Market cap:	$10.2 mil

Directors
Chairman
Robert Owen

Managing Director
Andrew Johnstone

Non-Executive Directors
Ian Kowalick
Mick Muir

Company Secretary
Anthony Schildkraut

Phosphate Projects
Arganara
Lucy Creek
Warrabri

NuPower Resources Limited is a Northern Territory based exploration company. Our vision is to become a successful exploration and mining company with superior cash flows.

High Grade Arganara Phase 3 Drill Results

- **Results for the final 52 holes received**
- **35.4% phosphate (P_2O_5) intersected in hole ARC606**
- **Resource Calculation Underway**

NuPower is pleased to announce that the final batch of assay results from Phase 3 extension and infill drilling at Arganara Prospect has been received from the labs. The results continue to confirm the consistent nature of the phosphate mineralisation between the drill lines from the 2011 Phase 1 program.

> **NuPower's, Managing Director, Andrew Johnstone commented "This final batch of results includes our highest Phosphate intersection to date of 35.4% P_2O_5, The final assays enable Nupower to now complete resource calculations which should result in a maiden JORC resource for the Arganara Prospect."**

Nupower has received lab analyses for the final 52 holes of its 249 hole Phase 3 program. The results complete the infill of the Phase 1 drilling from 2011, and adds infill into areas of the extension results released on the 3rd of July 2012. 29 holes were not lab tested as field XRF analysis indicated phosphate grades below 4%.

Highlights from the final batch of the Phase 3 drill assay results are:-

ARC606: 6m @ 24.3% P_2O_5 from 17m including 1m @ 35.4% P_2O_5

ARC596: 10m @ 22.4% P_2O_5 from 12m including 1m @ 25.4% P_2O_5

ARC599: 6m @ 21.5% P_2O_5 from 15m including 1m @ 28.9% P_2O_5

ARC603: 4m @ 24.5% P_2O_5 from 28m including 1m @ 27.9% P_2O_5

The purpose of the Phase 3 drill program is to establish a maiden JORC Mineral Resource for the Arganara Prospect by extending and infilling the 2011 Phase 1 and 2 drill programs. Integration of the Phase 3 results into the preliminary resource model, already completed using the data from the Phase 1 and 2 drill programs, will enable swift estimation of a maiden JORC resource over the coming weeks.

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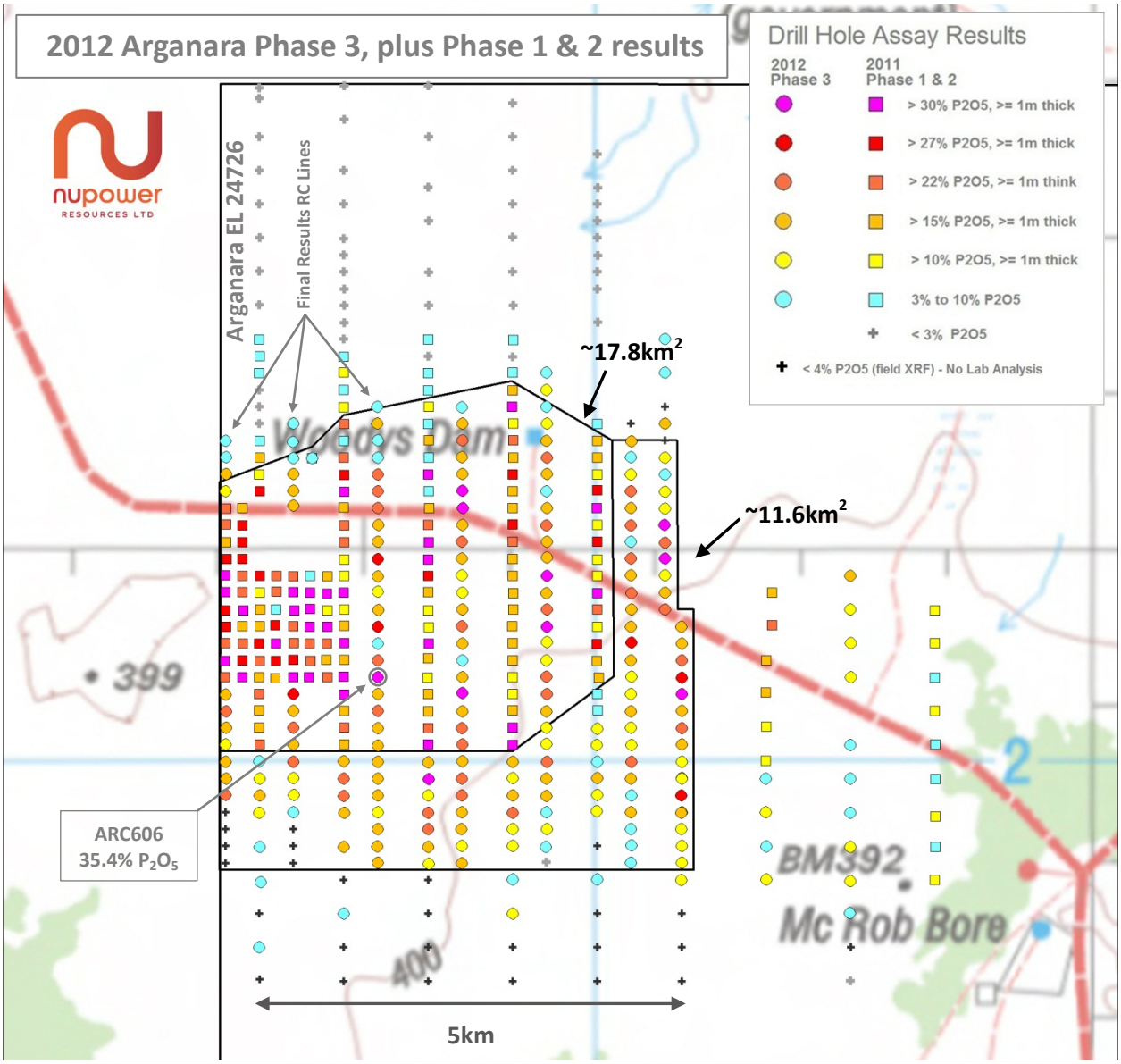

Figure 1: Arganara Phase 3 assays results shown with 2011 Phase 1 and 2 drill results. The black polygons show the increase in the Phosphate footprint from approximatly 17.8km ^{2} to 29.4 km^2 . Latest results are from RC lines show, ARC606 35% P_2O_5 is highlighted in the central part of the Arganara Prospect Phosphate footprint.

Andrew Johnstone
Managing Director

The information in this document that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Andrew Johnstone, who is a Member of the Australian Institute of Geoscientists. Andrew Johnstone has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Andrew Johnstone, who is an officer of the Company, consents to the inclusion in the report of the matters based on his information in the form and context in which it appears. This release contains 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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Rock Phosphate

Phosphate Rock or Rock Phosphate is a sedimentary rock which contains high amounts of phosphate bearing minerals, usually calcium phosphate (apatite). The Phosphate is typically reported as a percentage of phosphorus pentoxide (P_2O_5). Phosphate Rock or Rock Phosphate typically contains 10 to 20% phosphate (P_2O_5), Normal sedimentary rocks usually contain less than 0.2% phosphate (P_2O_5).

Deposits which contain phosphate in grades which are economic to mine are not particularly common. The two main sources for phosphate are: guano, formed from bird droppings; and rocks containing concentrations of the calcium phosphate mineral apatite, either sedimentary or igneous. The largest use of phosphate is in the production of fertilisers for food production.

The majority of Australia's phosphate reserves lie within the sedimentary Georgina Basin located in northwest Queensland and northeast Northern Territory. All NuPower's Phosphate projects are located in the Georgina Basin in the Northern Territory.

For Fertiliser, phosphate rock or its concentrates preferably need to have phosphate levels of 30% (P_2O_5). Worldwide, the resources of high-grade ore are declining, and the beneficiation of lower grade ores by washing, flotation and calcining is becoming more widespread.

Phosphate is the key ingredient in: Superphosphate, Triple Superphosphate (TSP), Monoammonium Phosphate (MAP) and Diammonium Phosphate (DAP) Fertilisers.

Global consumption of rock phosphate continues to increase from demand for fertiliser production. According to the May 2011 forecast of the IFA Agriculture Committee, global fertiliser demand is projected to expend at an average annual rate of 2.4%, from 2010 to 2015. Current world prices for rock phosphate have remained stable around US$180 to US$200 per tonne (FOB) during 2012.

Currently the world's largest producers of Rock Phosphate are China, America and Morocco. Growth in the global Rock Phosphates market is expected to stem largely from growing populations and increased food requirements in the Asia-Pacific, Latin America, and the Middle Eastern Regions.

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