



20th February 2012

ASX Code: NUP

Capital Details

Shares on issue: 449.3 million
 Share Price: \$0.043
 Market cap: \$19.3 million

Directors

Chairman
 Robert Owen

Managing Director
 Andrew Johnstone

Non-Executive Directors
 Ian Kowalick
 John Jackson
 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.

NuPower Increases Tenement Position Adjacent to Anomaly L Prospect at its Arganara Phosphate Project

NuPower is pleased to announce it has applied for two new exploration licenses east of its Anomaly L Prospect at Arganara in the Northern Territory, approximately 300km north of Alice Springs. Exploration license applications ELA29374 “Gooding Bore” and ELA29373 “Trew Creek” are designed to capture any easterly extensions of the Georgina Basin Arthur Creek Formation which is interpreted to host the Anomaly L Phosphate (P₂O₅) mineralisation.

NuPower is planning to drill a series of lines across the Anomaly L Prospect during the upcoming 2012 field season targeted on historic and recently collected phosphate bearing rock chips. The Anomaly L prospect is located in an embayment of the Georgina Basin, which is interpreted to open out towards the east and then expand to the north, south and east.

Historically rock chip samples at Anomaly L prospect have returned assays up to 40.7% P₂O₅. In 2010 NuPower conducted a site visit to Anomaly L and confirmed the historical results with phosphate rock chip assays up to 37.6% P₂O₅.

Sample	East	North	P ₂ O ₅ (%)
20147	555458	7647990	24.1
20148	555438	7647985	22.7
20149	555403	7648090	17.2
20150	556259	7647667	31.8
20151	556327	7647712	37.6

2010 NuPower Surface Rock Chip Samples from Anomaly L

NuPower’s 2012 Reverse Circulation (RC) drill program at Anomaly L will target high grade surface phosphate. In addition NuPower will conduct site visits to both ELA29374 and ELA29373, once granted, to identify any new surface phosphate mineralisation and target drilling for late 2012 or early 2013.

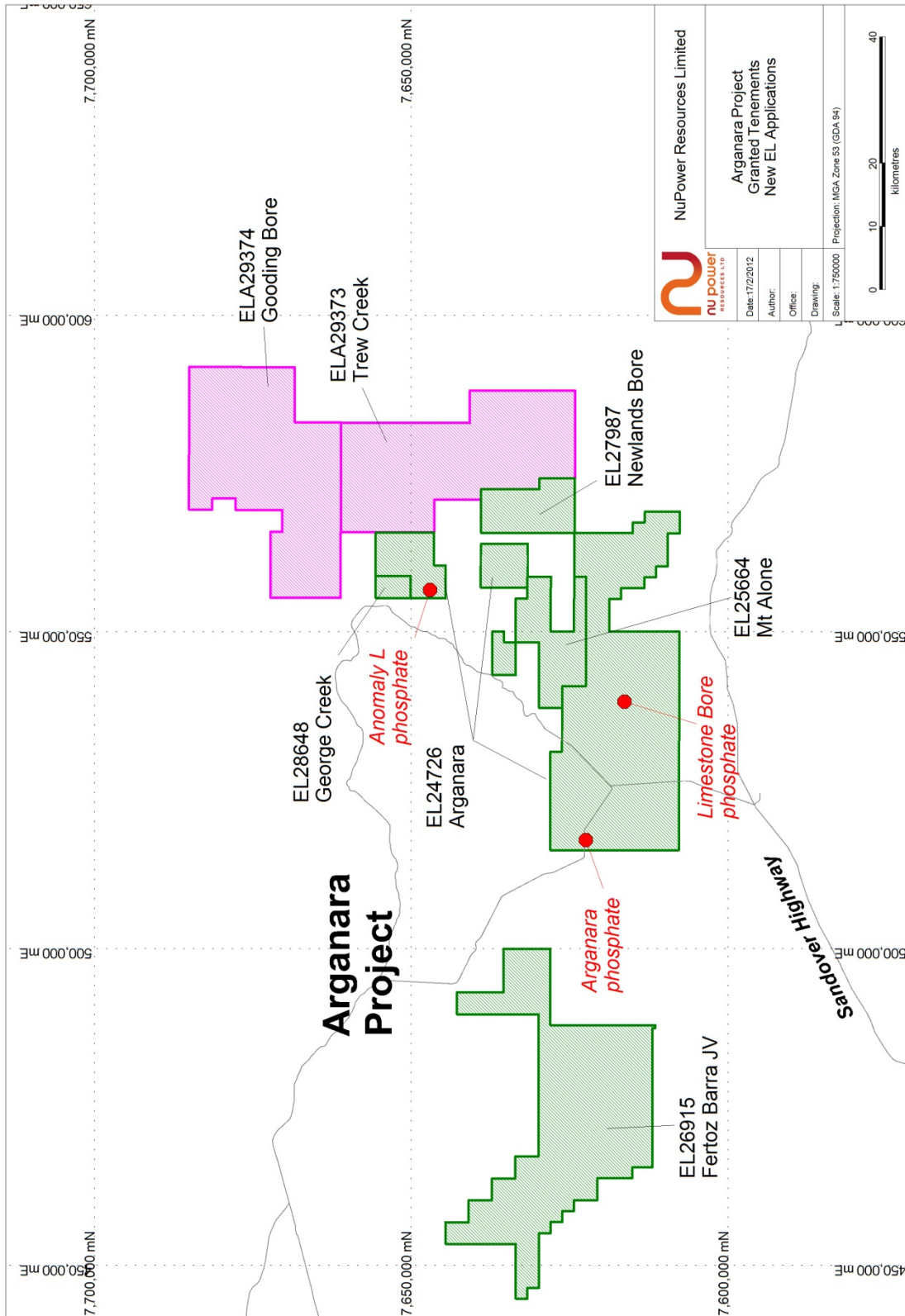


Figure 1: Location of ELA29374 Gooding Bore and ELA29373 Trew Creek, Arganara Project NT

Level 3, 80 Clarence St, Sydney, NSW 2000
STREET ADDRESS
 PO Box R1753, Royal Exchange, NSW 1225
MAIL ADDRESS

+61 2 9262 4235
TELEPHONE
 + 61 2 9262 6301
FACSIMILE

info@nupowerresources.com.au
EMAIL
 120 787 859
ACN

Summary

NuPower is a Northern Territory Exploration Company focused on phosphate exploration and development on its Arganara, Lucy Creek and Warrabri Phosphate projects.

At Arganara NuPower has defined a 4 x 4.4km area of phosphate mineralisation through reverse circulation (RC) drilling of 205 holes (Phase 1) with numerous intersections (above 30% Phosphate) already reported to the ASX. Mineralisation remains open both to the east and south and is intersected by a tenement boundary to the west. Arganara mineralisation is hosted by the Arthur Creek Formation and or equivalents the Georgina Basin.

NuPower's Arganara Phase 2 drill results are still outstanding. The Arganara Phase 2 drill program was designed to target phosphate mineralisation between Arganara and Limestone Bore over an area with a strike length of approximately 30km. NuPower will release these results as soon as they are received, assessed against internal quality control and quality assurance standards, and interpreted against Phase 1 results.

The acquisition of EL29374 "Gooding Bore" and ELA29373 "Trew Creek" provide NuPower with the opportunity to discover additional phosphate east of the Anomaly L Prospect to the north east of the Arganara Phosphate Project area.

Signed:



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.