

ASX Announcement - 24 October 2013

## EXPLORATION UPDATE AMMAROO PHOSPHATE PROJECT

Rum Jungle Resources Ltd and its controlled subsidiary, Central Australian Phosphate Limited, are pleased to report on current exploration and resource definition drilling at the Ammaroo Phosphate Project. Work has now begun to test a mineralised corridor east of the known contiguous Barrow Creek 1 and Arganara deposits.

Barrow Creek 1 has a previously announced total Measured, Indicated and Inferred Resource of 238 million tonnes at an average grade of 14.6% at a cut-off of 10% P<sub>2</sub>O<sub>5</sub>. Arganara has an Inferred Resource of 310 million tonnes at 15% P<sub>2</sub>O<sub>5</sub> using a 10% cut-off. Both estimates are in accordance with the 2004 JORC code.

The rationale behind this accelerated drilling program is to confirm a possible eastern extension of the known phosphate resource. The exploration potential of this area was independently assessed for Central Australian Phosphate Limited. The report, by MPR Geological Consultants, released to ASX on 4th April 2013, suggested an exploration potential of an additional 600 to 1,000 million tonnes of phosphate rock at 10 to 15% P<sub>2</sub>O<sub>5</sub> using a 5% P<sub>2</sub>O<sub>5</sub> cut-off. The assessment was based on a limited drilling program of 149 broadly spaced reverse-circulation holes drilled by Central Australian Phosphate Ltd. It is important to note that this exploration potential estimate was conceptual in nature and, to the date of April announcement, there had been insufficient exploration, particularly drilling, to estimate a Mineral Resource and it was uncertain if this exploration/drilling would result in the estimation of a Mineral Resource. This is the reason for the current program.

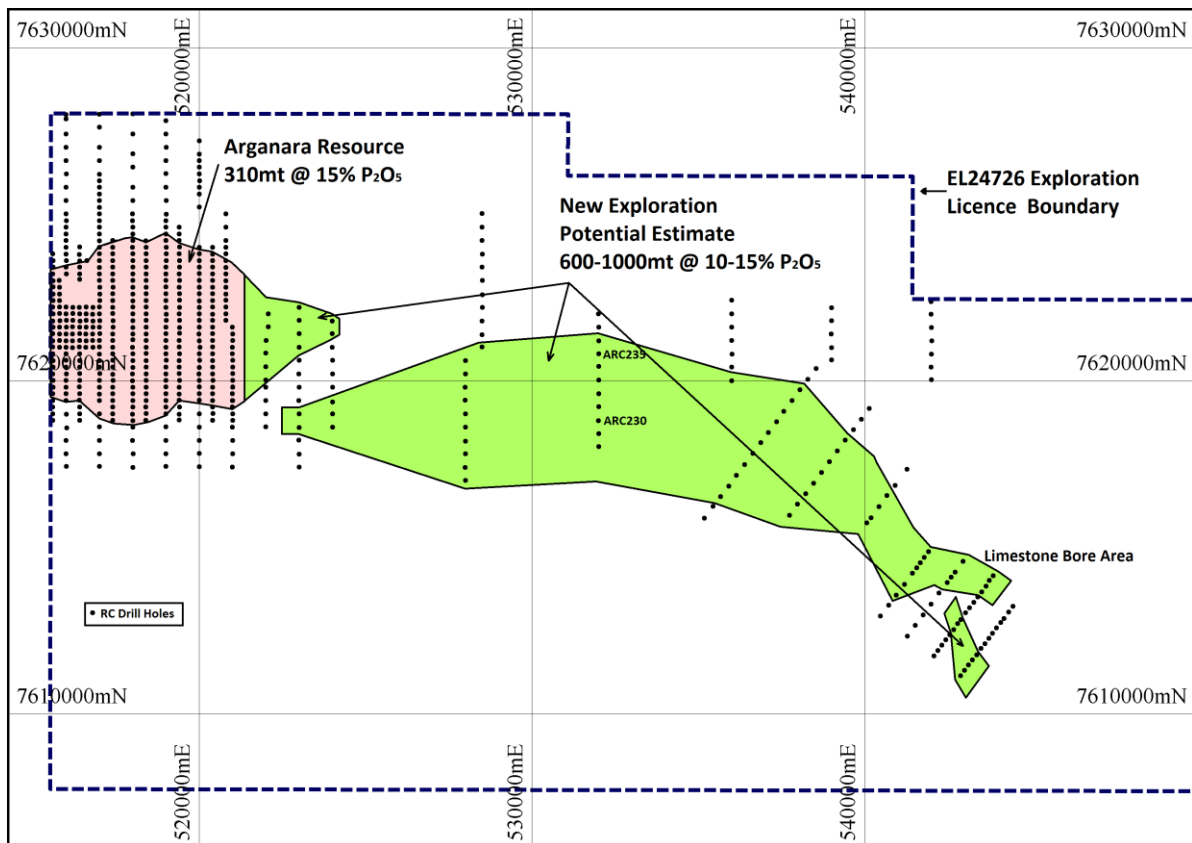
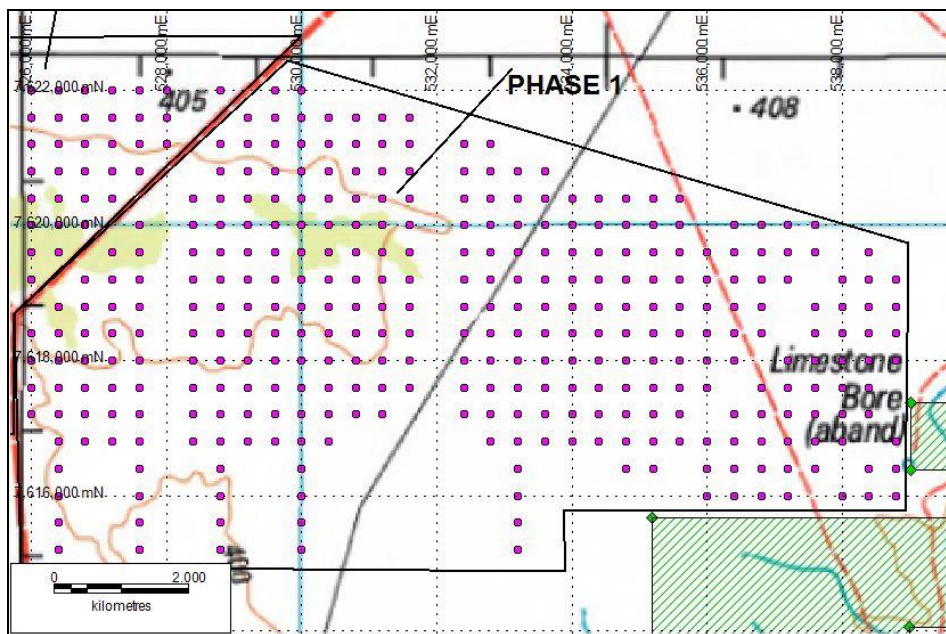


Figure 1. Area east of Arganara resource with the area of exploration potential as defined in April 2013 shown in green.

The drilling planned by Rum Jungle Resources Ltd will be focused within the mineralised corridor described above, testing an area approximately 15 km in strike length and 5 km in width, from the Elkedra Road as far east as Limestone Bore (Figure 2). It is planned to drill over 300 holes for in excess of 10,000 metres before the end of the year.

The Central Land Council in the Northern Territory provided the companies with a Clearance Certificate to commence work on Friday 18<sup>th</sup> October. The companies mobilised a bulldozer to site to commence line clearing immediately, followed by the arrival of two reverse-circulation drill rigs now on site with drilling already commenced.



**Figure 2. Purple dots in the Phase 1 polygon denote RC holes planned for the current drilling campaign.**

If successful, this drilling could potentially double the size of the inferred resource of the combined Barrow Creek 1 and Arganara deposits. This could elevate the Ammaroo Project to a world-class phosphate resource and potentially one of the largest phosphate deposits in Australia.

**D.W. Muller MSc. MBA, FAusIMM**  
**Managing Director**

*The information in this report that relates to comments on exploration results, mineral resources or ore reserves is based on information compiled by Mr David Muller, who is a Fellow of the Australasian Institute of Mining and Metallurgy.*

*Mr Muller is Managing Director of Rum Jungle Resources Ltd and an employee of the Company. Mr Muller has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity to 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".*

*Mr Muller consents to the inclusion in this report on the matters based on their information in the form and context in which it appears.*



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*The information in this announcement that relates to resource estimation and estimation of exploration potential is based on work completed by Mr Jonathon Abbott who is a full-time employee of MPR Geological Consultants Pty Ltd and a member of the Australian Institute of Geoscientists. Mr Abbott 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'. Mr Abbott consents to the inclusion in this announcement of the matters based on his information in the form and context in which it appears. Mr Abbott has visited both Barrow Creek 1 and Arganara.*

*This document may contain forward-looking statements. Certain material factors or assumptions were applied in drawing a conclusion or making a forecast or projection as reflected in the forward-looking information. Actual values, results or events may be materially different to those expressed or implied.*