

# Rum Jungle Resources Limited Ammaroo Phosphate Pre-Feasibility Study Sept 2014

29.09.2014 | [ABN Newswire](#)

Perth, Australia (ABN Newswire) - Completion of the [Rum Jungle Resources Ltd.](#) (ASX:RUM) Ammaroo phosphate pre-feasibility study supports the economic potential of the project to be developed as a phosphate rock export operation or for downstream phosphate fertiliser production using proven technologies.

The Ammaroo phosphate project is a global-scale, long-life resource, strategically positioned in proximity to existing transport infrastructure and in a stable OECD country. Currently, the majority of the world's seaborne traded phosphate originates in the Middle East and northern Africa.

Furthermore the project is positioned to leverage growth in demand for higher value food, increasing agri-business investment, the need for higher crop yields per unit of arable land and therefore growth in demand for fertilisers in the Asia-Pacific region, including Australia.

## SUMMARY

[Rum Jungle Resources Ltd.](#) is pleased to announce the completion of the Ammaroo Phosphate Project Pre-feasibility study (PFS). The knowledge and understanding of the chemical and physical properties of the phosphate ore, technical mining, processing and transport logistics, regional phosphate markets and pricing, gained through the considerable amount of work conducted during the study, now provides a credible basis on which to conduct a formal process to secure joint venture partners and associated off take agreements. It is likely that partners and potential off take agreements will be required to finance the progress of one of the development options to a potential future bankable feasibility study

Four development cases have been studied to a PFS level (+/- 25% of capital and operating costs<sup>1</sup>). These are:

Case A - A low capital, start-up phosphate rock export operation, 400,000 tpa (30% P<sub>2</sub>O<sub>5</sub>), leveraging high grade pockets of the resource, mechanical beneficiation and the use of existing road infrastructure and latent intermodal freight train capacity to move small volumes of product. This is potentially an option to start generating cash for the company while developing a larger scale project.

Case B - A global scale phosphate rock export operation, 2,000,000 tpa (32.5%-33% P<sub>2</sub>O<sub>5</sub>), producing high quality beneficiated rock through flotation and the movement of product north to Darwin for export.

Case C - A global scale phosphoric acid export operation, 500,000tpa (100% P<sub>2</sub>O<sub>5</sub>) utilising higher grade run of mine material, a minimal and low cost rock beneficiation process with a combination of dry screening and partial flotation, an integrated sulphuric acid plant and dedicated transport infrastructure to export liquid phosphoric acid out of Darwin and bring elemental sulphur south on backload.

Case D - A global scale di-ammonium phosphate (DAP) and mono-ammonium phosphate (MAP) fertiliser production facility, 1,020,000tpa, utilising the phosphoric acid produced in Case C above with the addition of ammonia and granulation capacity for distribution north to export markets and south to Australian markets.

To view tables and resource inventories, please visit:  
<http://media.abnnewswire.net/media/en/docs/ASX-RUM-412276.pdf>

## About Rum Jungle Resources Limited:

[Rum Jungle Resources Ltd.](#) (ASX:RUM) is an Australian Securities Exchange listed, diversified junior explorer focused on highly prospective land located in Australia's Northern Territory and Queensland.

A Northern Territory and Queensland focussed mineral explorer with a portfolio including: Uranium, Potash, Phosphate and Base Metals.

Rum Jungle Resources has strategic alliances with other major Northern Territory explorers increases

exposure to additional exploration areas

Rum Jungle Resources has experienced geological management backed up by a solid financial base to fund exploration budgets.

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Die URL für diesen Artikel lautet:

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