**Rum Jungle Resources Limited** 



## TRANSITIONING FROM EXPLORER TO FERTILISER MINERAL PRODUCER

#### **RBS MORGANS NOOSA MINING CONFERENCE**

17-18 July 2014

**Chris Tziolis – Managing Director** 



### Disclaimer and competent persons statements



This presentation has been prepared by Rum Jungle Resources Limited ("RUM" or the "Company"). Nothing in this presentation should be construed as either an offer to sell or a solicitation of an offer to buy or sell Rum Jungle Resources' shares in any jurisdiction.

This announcement contains forward looking statements. Forward looking statements are not based on historical facts, but are based on current expectations of future results or events. These forward looking statements are subject to risks, uncertainties and assumptions which could cause actual results or events to differ materially from the expectations described in such forward looking statements. Although Rum Jungle Resources believes that the expectations reflected in the forward looking statements in this presentation are reasonable, no assurance can be given (and Rum Jungle Resources does not give any assurance) that such expectations will prove to be correct. Undue reliance should not be placed on any forward looking statements in this presentation, particularly given that Rum Jungle Resources has not yet made a decision to proceed to develop the Ammaroo Phosphate Project, Karinga Lakes project or any other project, and Rum Jungle Resources does not yet know whether it will be able to finance either project.

The information in this presentation that relates to Mineral Resources in respect of Rum Jungle Resources Ammaroo deposit is based on information compiled by Mr Jonathon Abbott, 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 he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Abbott consents to the inclusion in this presentation of the matters based on his information in the form and context in which it appears.

The information in this presentation that relates to Exploration Results, Mineral Resources or Ore Reserves in respect of Rum Jungle Resources' potash resources is based on information compiled by Mr Ben Jeuken, a full-time employee of Groundwater Science Pty Ltd who is a member of the Australasian Institute of Mining and Metallurgy, and the International Association of Hydrogeologists. Mr Jeuken has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Jeuken consents to the inclusion in this presentation of the matters based on his information in the form and context in which it appears

The information in this presentation that relates to Rum Jungle Resources' projects and future work, comments on the resources estimates and economic potential of the estimated resources is based on information compiled by Mr David Muller, who is a Fellow of the Australasian Institute of Mining and Metallurgy. Mr Muller is Non-executive Chairman of Rum Jungle Resources and an employee of it. 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 2012 edition of the "Australasian Code for Reporting of Exploration results, Mineral Resources and Ore Reserves". Mr Muller consents to the inclusion in this presentation of the matters based on his information in the form and context in which it appears.

The views expressed in this presentation contain information that has been derived from publicly available sources that have not been independently verified. No representation or warranty is made as to the accuracy, completeness or reliability of the information.





• Introduction Rum Jungle Resources Ltd

Ammaroo Phosphate Project overview

• Karinga Lakes Potash overview

• Summary of Rum Jungle Resource's strategy

## **Rum Jungle Resources – Strategic Overview**



- *RJR's strategic intent is to create shareholder value from phosphate and potash fertiliser mineral projects, located in proximity to existing transport infrastructure, primarily in the Northern Territory.* 
  - ✓ An Australian company with both phosphate and potash resources that are both essential for efficient agriculture and critical components of the global food supply value chain. Almost all projects 100% owned by RJR. (ASX : RUM)
  - ✓ Strategically positioned in a stable OECD country and located 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 Asia Pacific region, including Australia
  - Opportunity for regional fertiliser producers to diversify supply away from traditional suppliers in Northern Africa and the Middle East
  - Potential to create a significant fertiliser business in the Northern Territory, enabling regional economic development and employment, underpinning support from the Territory and Federal Governments.
     Agriculture is a key plank in 'Developing Northern Australia' initiative
  - ✓ Institutional shareholder base of over 35% with a demonstrated history of support.
  - ✓ Track record of achieving exploration and project development milestones

## **Corporate overview**



| ASX Code                 | RUM                |
|--------------------------|--------------------|
| Market Cap               | A\$38m^            |
| Shares on Issue          | 385 million        |
| 52 week price range      | A\$0.185 – A\$0.08 |
| Cash at Bank (June 2014) | A\$10.1 million    |

#### MAJOR SHAREHOLDERS

| Washington H Soul Pattinson & Company Ltd | 15.75% |
|---|--------|
| Regal                                     | 8.0%   |
| Farjoy Pty Ltd                            | 5.7%   |
| Lion Selection Group Ltd                  | 4.9%   |
| JP Morgan Nominees                        | 4.3%   |

## **Board and Management**



#### Non- Executive Chairman – Mr David Muller, BSc, MSc, MBA, FAusIMM

Over 40 years' experience in the Australian exploration and mining industries. Mr Muller has been involved in a number of successful exploration programs, the financing and restructuring of junior mining companies and he oversaw as Managing Director the floating of Samantha Mines, Samson Exploration and Cape Range Oil and subsequently served as Chairman of all 3 companies. He subsequently listed Julia Mines which was in full gold production by 1987.

#### Managing Director – Mr Chris Tziolis, BSc, MA, MBA, MAICD

 Over 20 years of operational, strategic and commercial leadership experience in various industries both in Australia and overseas. Mr Tziolis had previously held senior management roles at Rio Tinto in the coal and uranium businesses, was a consultant with McKinsey and Company primarily serving the global mining industry in strategy and operational performance improvement projects and commenced his career as an operations officer in the Royal Australian Navy.

#### Non-Executive Director – Mr Robert Annells, CPA, FFin

• A former member of the ASX with over 40 years experience in the securities industry, and as a qualified accountant. Mr Annells has been involved in the provision of corporate and investment advice to business and the resource industry and has served on the Rum Jungle Resources Board since 2006. He is currently the Chairman of Lakes Oil NL and Greenearth Energy Limited

#### Non-Executive Director – Mr Jeff Landels, BSc (Hons)

 Over 30 years of operational leadership experience in the fertiliser and pulp and paper industries in Australia and New Zealand. Mr Landels was the General Manager of the (then) Western Mining Corporation's fertiliser operations at Phosphate Hill. He has also been the Group General Manager for PaperlinX at its Gippsland operation and General Manager of AMCOR's Maryvale operations.

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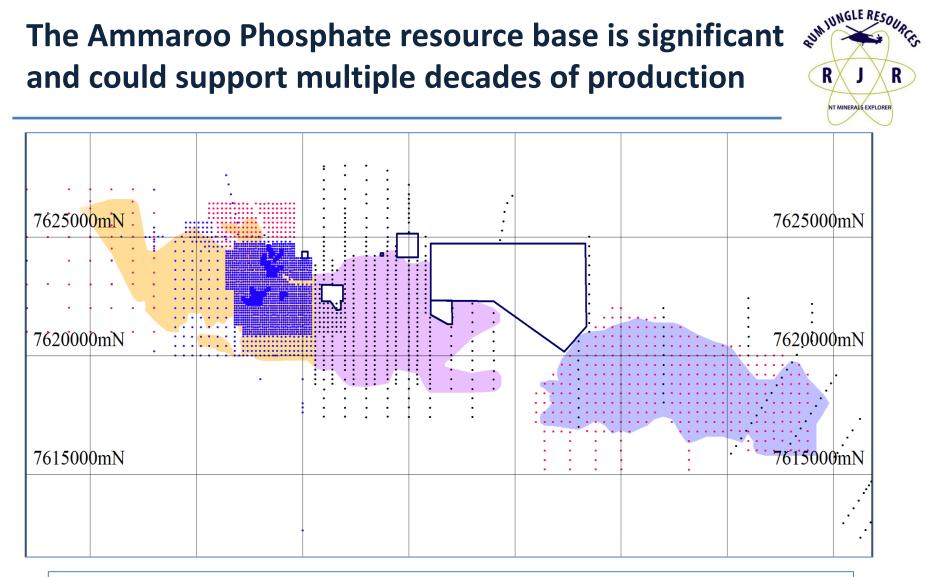


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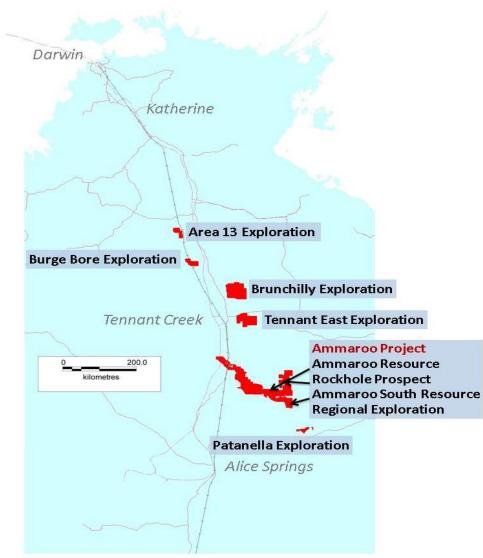
The total JORC 2012 resource is 1.08 billion tonnes  $P_2O_5$  at an average grade of 14%  $P_2O_5$  using a 10% cut-off or 338 million tonnes at 18%  $P_2O_5$  using a 15%  $P_2O_5$  cut-off. This was released to the ASX on 24 March 2014 and has not changed since.

# Ammaroo Resource is relatively shallow and should enable free digging of run of mine ore





Potential for a significant phosphate province located in proximity to the Central Australian Railway and the gas pipeline





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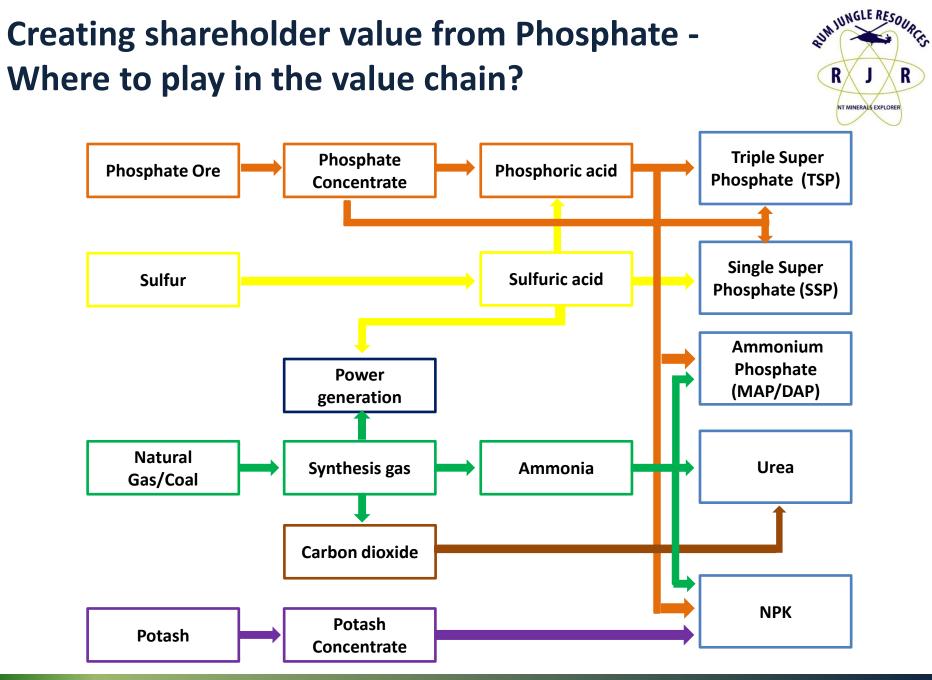
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# Ammaroo Phosphate Project – comparative advantages and challenges to overcome



#### Relative to other global phosphate resources

- Global need for growth in phosphate production over ensuing decade. There is no substitute for P in agriculture
  - Located to leverage agricultural growth and demand growth for phosphate fertilisers in southern and eastern Asia, eastern Africa and Australia
  - Located in a stable OECD country compared to Northern African, Middle Eastern and Central African countries where most developable and expandable phosphate resources exist
  - Ammaroo is a large resource base capable of supporting multiple decades of production
  - Comparatively good grade, shallow and free digging ore relatively low mining and processing costs
  - Physical and chemical specifications of beneficiated phosphate rock meet existing market specifications and can be converted into good quality merchant grade phosphoric acid and downstream phosphate fertilisers such as DAP and MAP
  - Ammaroo is closest to existing rail and gas pipeline infrastructure of the western Georgina Basin phosphate resources. Existing port capacity available in Darwin and significant ground water resources
- Challenges to overcome
- Australian capital and operating costs these are moving in the right direction
- Securing the right development and off take partners and securing financing to move to a BFS



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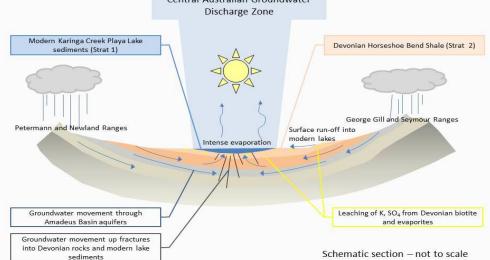
## Karinga Creek Potash - strategic overview

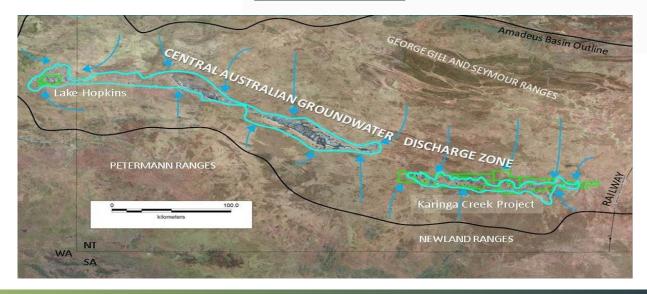
| Potassium<br>salts resource                       | <ul> <li>Potash minerals in subsurface brines under dry salt lakes. Ongoing accumulation of potassium salts occurs via groundwater and rain water recharge from Central Australian Discharge Zone.</li> <li>Measured, Indicated and Inferred Brine Resource of 8.3 million tonnes of sulfate of potash (SOP) at an average aquifer thickness of 15 m. This equates to a schoenite (potassium magnesium sulfate) resource of 19 million tonnes (JORC 2012 Resource announced to ASX 20 Feb 2014 and has not changed since).</li> </ul>                               |
|---|---|
|   | <ul> <li>Located adjacent to the bitumen Lasseter Highway and road access to Central Australian Railway line</li> <li>Could be low capital and low operating cost operation as evaporation primary processing route</li> </ul>  |
| Niche potash<br>products                          | <ul> <li>SOP is different to the muriate of potash (MOP) primarily produced around the world (potassium chloride)</li> <li>Used on crops and soils that react adversely to excessive chloride. Significant markets in China and potentially SE Asia and Australia. All potash used in Australia is currently imported</li> <li>Trades at a significant price premium to MOP. Premium has increased since recent declines in MOP price</li> <li>A number of brine lake operations carried out in US, China and South America but these types of resources</li> </ul> |
| Project<br>achieving<br>development<br>milestones | <ul> <li>are rare</li> <li>Initial resource exploration completed and maiden JORC resource defined</li> <li>Baseline laboratory scale test work complete.</li> <li>On site evaporation trials and pump testing underway</li> <li>Scoping study commenced in March 2014 and being conducted by China International Chemical Consulting Corporation, assisted by GHD Australia.</li> </ul>  |

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#### RUM JUNGLE RESOL **Ongoing accumulation of potassium salts occurs** via groundwater recharge from Central Australian **Discharge Zone** Central Australian Groundwater Discharge Zone





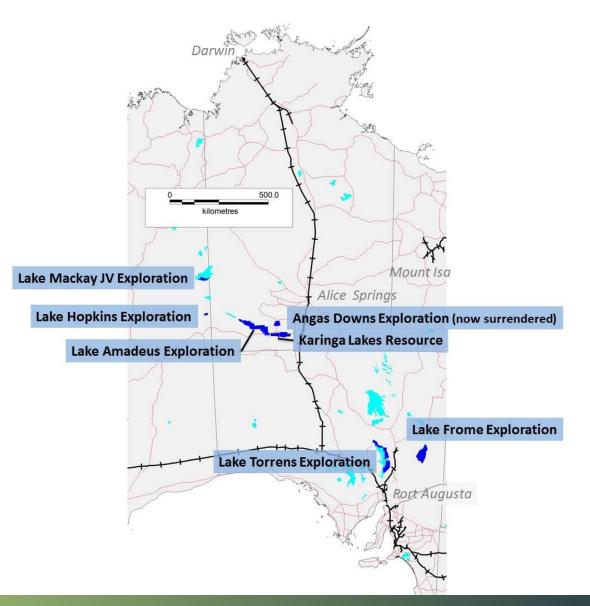


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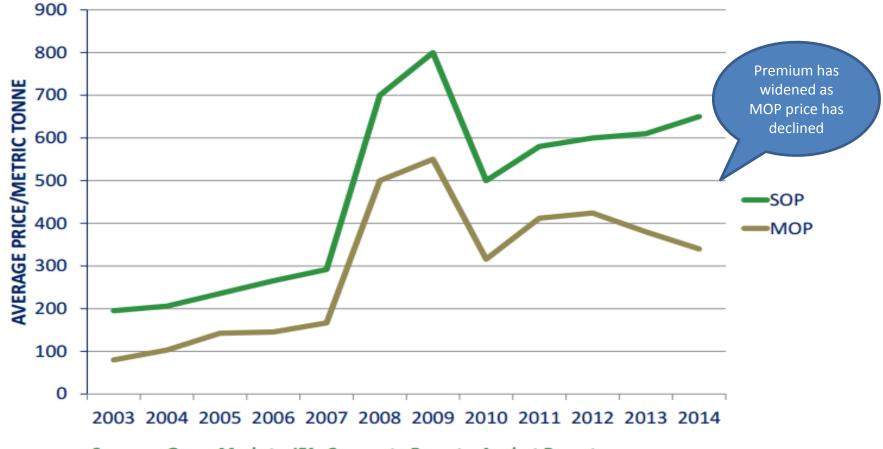
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## Portfolio of salt lakes with potassium brines potential - as identified in a recent Geosciences Australia study



#### Sulphate of Potash (SOP) trades at a premium to Muriate of Potash (MOP)





Sources: Green Markets, IFA, Corporate Reports, Analyst Reports

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## RUM JUNGLE RESOURCES - STRATEGIC INTENT, OBJECTIVES AND KEY INITIATIVES

RJR's strategic intent is to create shareholder value from phosphate and potash fertiliser mineral projects, located in proximity to existing transport infrastructure, primarily in the Northern Territory.

(1)

#### Progress the development of the Ammaroo Phosphate Project

- 1a Continue development studies in order to commence a bankable feasibility study by Q3/4 2014 and make a final investment decision by mid 2015
- **1b** Complete the environmental approvals process prior to a final investment decision
- 1c Negotiate a mining agreement with the traditional owners, other required land use agreements and secure a minerals lease
  - Negotiate all strategic partnership, commercial, marketing and financing arrangements required to underpin the project prior to a final investment decision

#### 2

Accelerate development of the Karinga Lakes Potash Project in order to create an alternate start up option to the Ammaroo phosphate project

2a Commence a scoping study in Q1 2014 with a view of being able to finance and commence a pre=feasibility study later in 2014

b Commence the environmental approvals, minerals lease and native title agreement processes in 2014

#### 3

3c

Create complimentary options through further exploration and corporate activity and secure the strategic partnerships to finance the strategy

3a Continue phosphate exploration on the Ammaroo project to grow the resource base and conduct regional phosphate exploration in order to identify a major phosphate province

3b Continue regional potash brines exploration and secure additional lakes with potassium potential

Finalise the absorption of CEN and rationalise the portfolio of assets

Secure the strategic partnerships, probably from within the global fertiliser industry, to ensure the delivery of the strategy can be financed.

When financing is sufficiently secure, build the organisational capability to deliver the strategy

## There are three potential outcomes that could create shareholder value from these resources

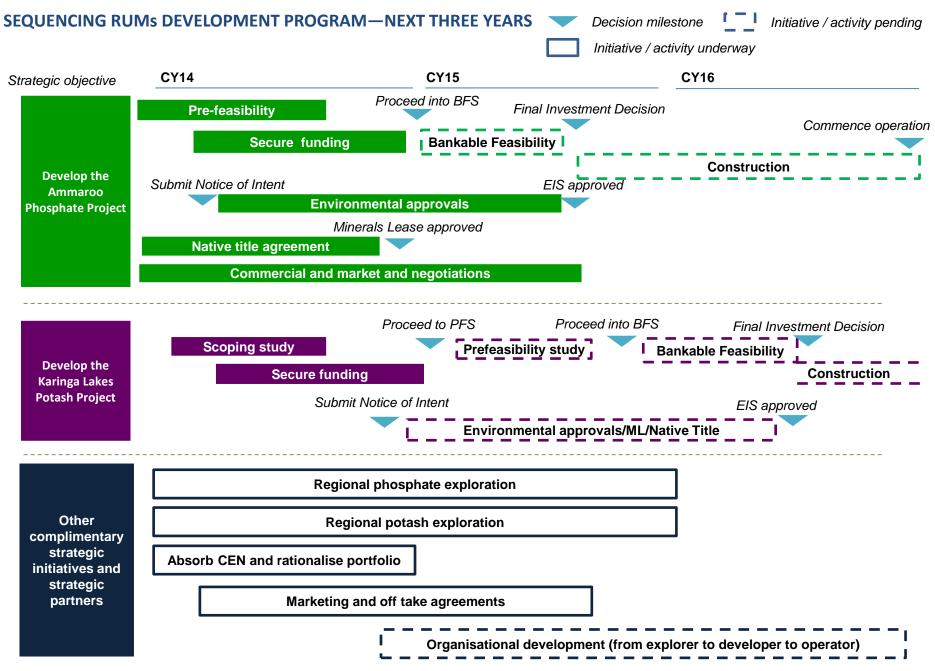


1. The company or individual projects are acquired by their natural owner – a global fertiliser producer or a consortium of fertiliser producers or agri-business investment companies

2. The formation of joint ventures at the project level with fertiliser producers and agri-business investment companies and the subsequent development of one or both projects

3. The development of one of the projects, with acceptable capital costs, return metrics and risks, such that it can be funded by existing shareholders

#### **RUM JUNGLE RESOURCES - CONCEPTUAL DEVELOPMENT PROGRAM**



### **Next Steps**



- Complete Ammaroo Phosphate pre-feasibility study and the Karinga Lakes scoping study around mid September 2014
- Progress native title agreement negotiations to attain a minerals lease over Ammaroo
- Develop a comprehensive 'Information Memorandum' based on the learnings and outcomes of the studies
- Commence a formal engagement process with global fertiliser producers and agri-business investors to establish a Joint Venture and/or offtake agreements to underwrite the progression of at least one of the projects toward a BFS, environmental approvals and subsequent development