



## QUARTERLY REPORT ASX Announcement

ASX CODE: RUM

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**MAJOR PROJECTS**  
Ammaroo Rock Phosphate  
Karinga Lakes Sulphate of  
Potash

# QUARTERLY ACTIVITIES REPORT PERIOD ENDED 30 SEPTEMBER 2015

Rum Jungle Resources Ltd's (RUM) strategic intent is to create shareholder value through the discovery, development and operation of fertiliser and industrial mineral projects, located in close proximity to existing transport infrastructure, focused on the Northern Territory of Australia.

## HIGHLIGHTS

### CORPORATE

- The company's current primary focus is the progression of a revised strategy that focuses on the development of a small scale, low capital start up to enable the generation of operating cash flows for the company. A small scale low capital start up sulphate of potash development at the Karinga Lakes project is being advanced and the company is conducting early evaluation of the potential for High Purity Quartz from the Dingo Hill silica project.
- Engagement with a number of regional fertiliser industry and financial entities continues with an aim to secure cornerstone project level investment, joint ventures and/or offtake to support the global scale Ammaroo Phosphate project or the evolution of the SOP portfolio of projects.
- The company presented at the Mining the Territory Conference in August and the Resources Rising Stars Conference on the Gold Coast in September. A new investor presentation was released to the ASX on 24 September 2015
- The Company has sufficient cash reserves on deposit to undertake its current near term strategic objectives
- Cash Balance \$3.4 million (including secured Term Deposits of \$350k)

### HEALTH, SAFETY, ENVIRONMENT AND COMMUNITY

- There were no incidents to report in 70 field hours worked on three projects

### SULPHATE OF POTASH

- The process of amalgamating all potash titles into a single company name, Territory Potash, continued during the Quarter
- A 2,000 litre evaporation trial of Karinga brine commenced in Alice Springs which will provide potassium salts for the next stage of process test-work associated with a preliminary feasibility level of study for a small scale start-up
- Twelve deeper RC holes will be drilled at Karinga Lakes during November in order to provide an increased level of understanding regarding the depth of brine aquifers and the potential of ground water recharge which may enable an increase in the in-situ brine resource
- Options to engage specific international SOP expertise to support the pending Karinga studies and development are being assessed

- Initial discussions were conducted with Traditional Owners in relation to accessing the Lake MacDonald and Lake Amadeus exploration projects in the Northern Territory and Lake Frome and Lake Torrens in South Australia. The recent Geosciences Australia study into Australia's salt lakes highlighted the potassium potential of all of these lakes based on the surrounding geology.

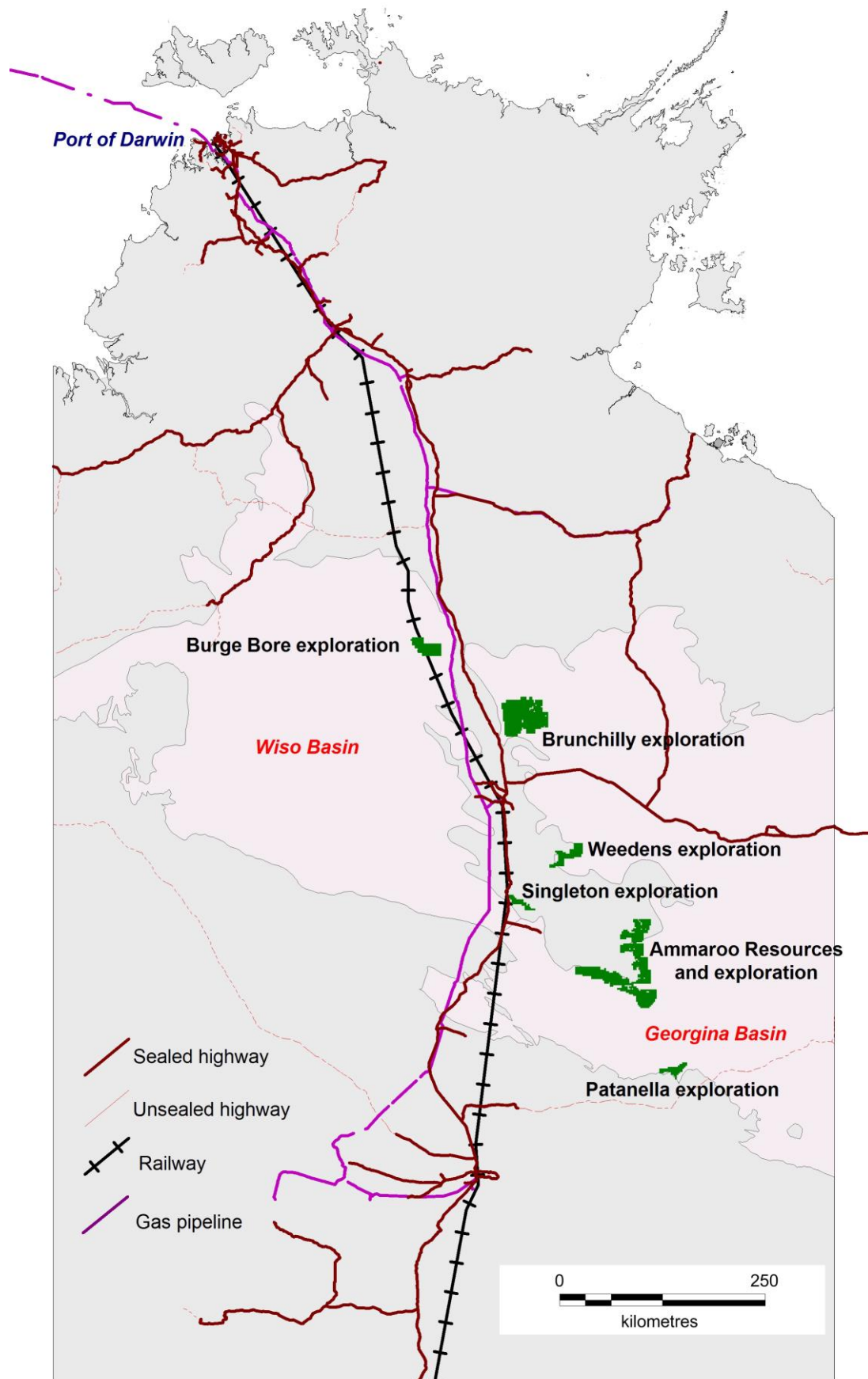
#### **SILICA (HIGH PURITY QUARTZ)**

- Separation and rationalisation of silica tenements from the phosphate tenements continued during the Quarter
- Sacred site clearances of the Dingo Hole silica project were conducted by the Aboriginal Areas Protection Authority (AAPA) during the period. Final clearance certificates are pending. The granting of this certificate which will enable evaluation drilling of the mineralised area to be conducted which will increase the understanding of the deposit from a chemical perspective and enable the selection of a representative sample for further analysis and processing test-work
- First pass assays and processing test work on a composite Dingo Hole sample were conducted by Dorfner Anzaplan in Germany. The results of this first pass test work and the next steps were announced to the ASX on 23 October 2015

#### **OTHER**

- Fourteen stream sediment and sediment trap samples were collected and analysed as part of regular environmental monitoring of legacy disturbance around the old Eva uranium mine site which was acquired through the take over of Central Australian Phosphate

## PHOSPHATE PROJECTS



Phosphate projects in the Georgina and Wiso Basins (shown in pink) in relation to transport infrastructure and gas pipelines.

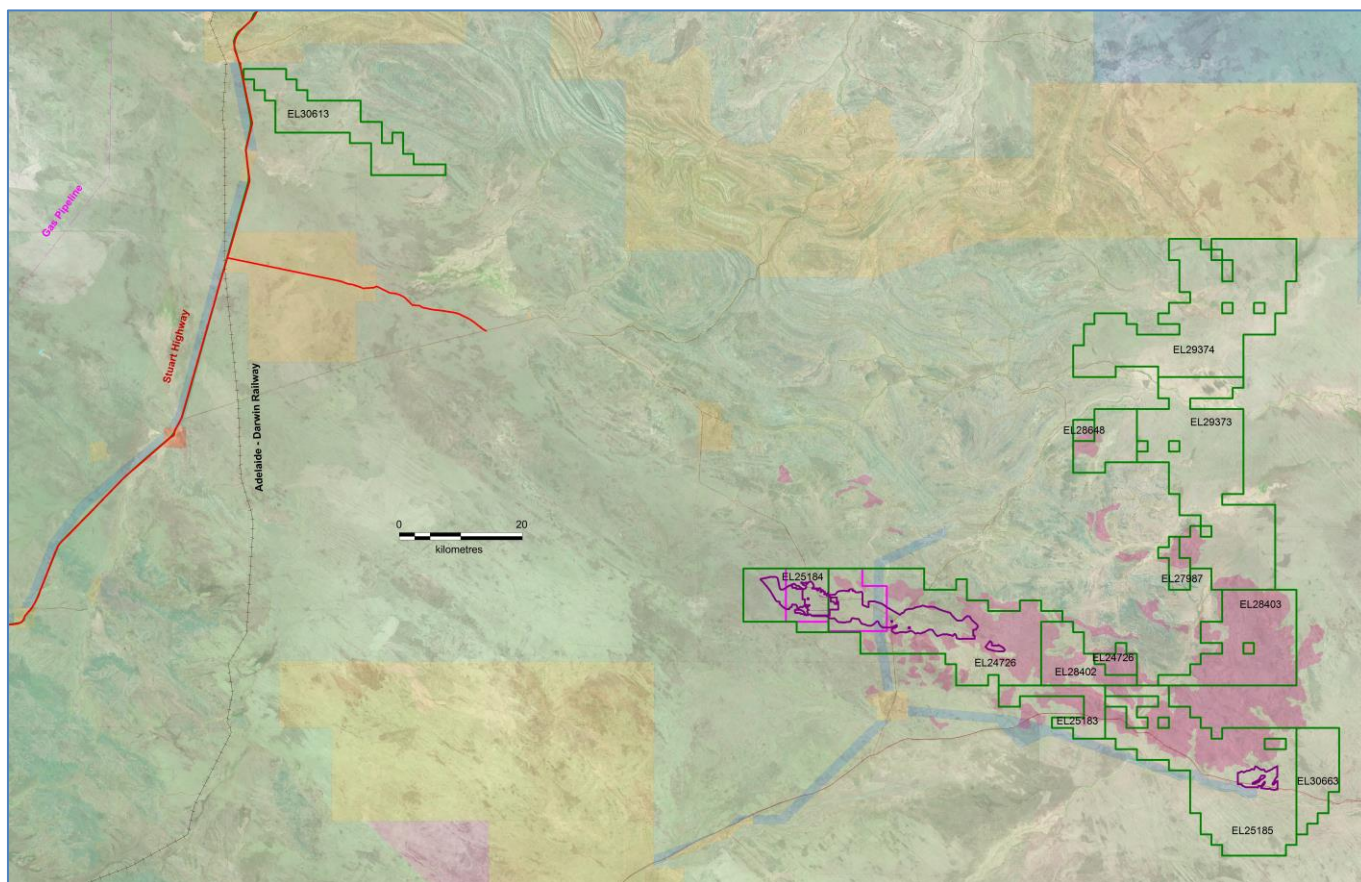
## AMMAROO PHOSPHATE PROJECT, NT

The Ammaroo Phosphate Project is located 200 km southeast of Tennant Creek. The project area contains the Ammaroo and Ammaroo South JORC Resources, the untested Rockhole phosphate prospect and significant greenfields potential in the northeast. The Ammaroo prefeasibility study was completed and the findings announced to the ASX in 2014.

### Project Tenements

Tenement	Area km <sup>2</sup>	Blocks	Grant	Expiry	Holder
EL 24726	501.54	157	1/04/2008	31/03/2016	Territory Phosphate
EL 25183	76.58	24	19/04/2007	18/04/2015*	Territory Phosphate
EL 25184	137.40	43	19/04/2007	18/04/2015*	Territory Phosphate
EL 25185	481.62	151	19/04/2007	18/04/2015*	Territory Phosphate
EL 27987	28.77	9	27/10/2010	26/10/2016	Territory Phosphate
EL 28402	99.02	31	20/06/2011	19/06/2017	Territory Phosphate
EL 28403	245.99	77	20/06/2011	19/06/2017	Territory Phosphate
EL 28648	12.81	4	25/10/2011	24/10/2017	Territory Phosphate
EL 29373	48.13	151	14/09/2012	13/09/2018	Territory Phosphate
EL 29374	503.24	157	14/09/2012	13/09/2018	Territory Phosphate
EL 30520	86.42	27	01/04/2008	31/03/2016	Territory Phosphate
EL 30663	105.25	33	31/07/2015	30/07/2021	Territory Phosphate
MLA 29463	6,375 hectares	na	application 30/03/2012	30 years from grant	Territory Phosphate
MLA 29854	9,074 hectares	na	application 14/02/2013	25 years from grant	Territory Phosphate

Ammaroo phosphate titles with changes shown in green. \*renewals still pending at DME



Tenement status as of 13 October 2015 after completion of the recent round of partial relinquishments. Outcrop of Arthur Creek Formation in red. JORC resources outlined in purple.



## SINGLETON PHOSPHATE PROJECT, NT

EL 30613, close to the railway as shown in the figure above, covers potentially prospective rocks which were intersected in waterbores. Rum Jungle Resources undertook a detailed study of all available information on 14 waterbores and gamma logs in and near Singleton EL 30613. This led to the conclusion that the southeastern half of the title is the most prospective for Cambrian phosphate. Access is good and the area could be drill tested with only a few holes.

Tenement	Area km <sup>2</sup>	Blocks	Grant	Expiry	Holder
EL 30613	179.86	56	15/06/2015	14/06/2021	Territory Phosphate

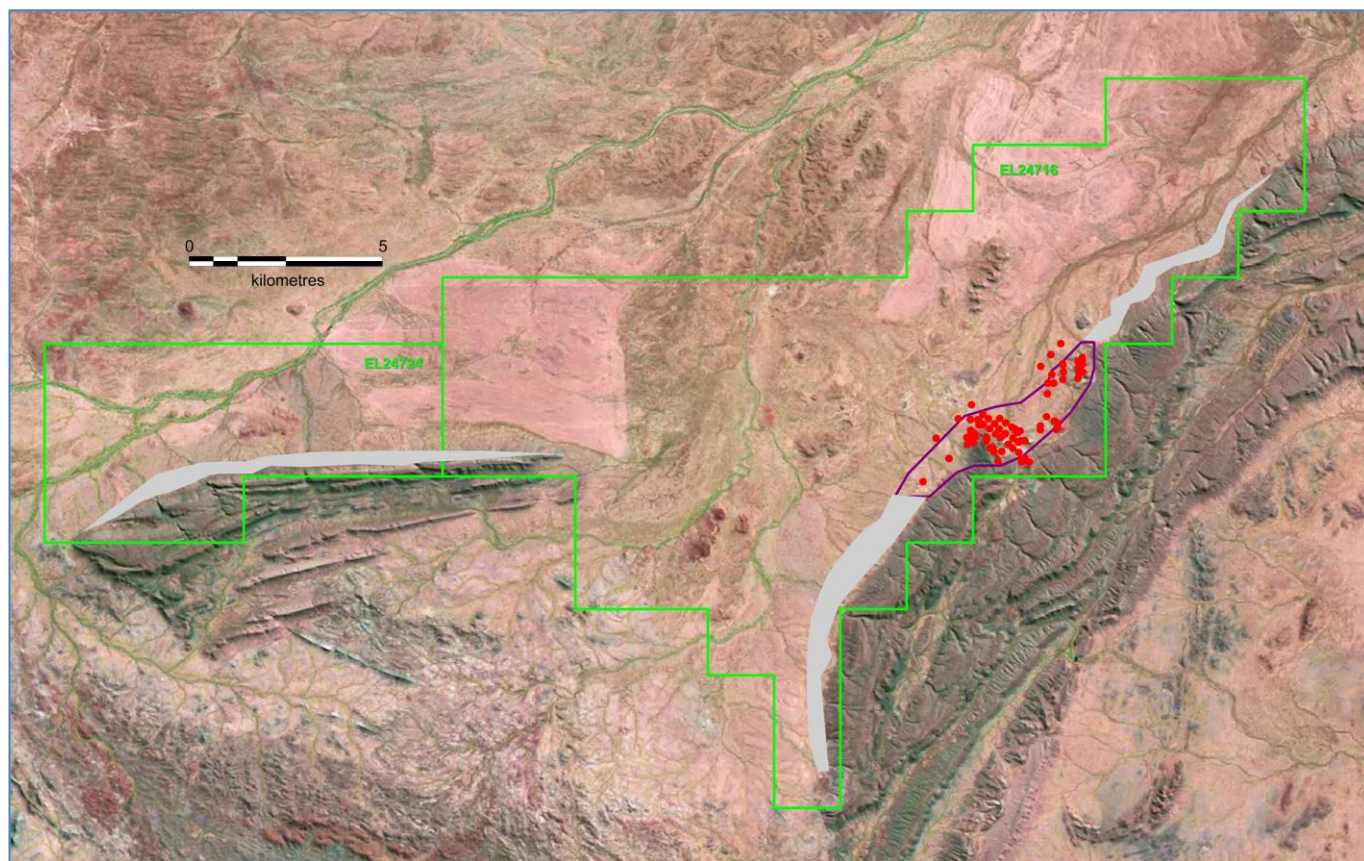
Singleton EL.

## PATANELLA PHOSPHATE PROJECT, NT

This project, formerly called Lucy Creek, on the southern margin of the Georgina Basin contains the Patanella Prospect of approximately 50 Mt and 100 Mt at 10% to 17% P<sub>2</sub>O<sub>5</sub> at a cut-off grade of 5% P<sub>2</sub>O<sub>5</sub> or approximately 20 Mt to 50 Mt at 15% to 20% P<sub>2</sub>O<sub>5</sub> at a cut-off grade of 10% P<sub>2</sub>O<sub>5</sub>. Voluntary partial relinquishments were made to both ELs. There was no on-ground work this Quarter.

Tenement	Area km <sup>2</sup>	Blocks	Grant	Expiry	Holder
EL 24716	187.11	59	01/12/2005	30/11/2015	Territory Phosphate
EL 24724	47.57	15	02/12/2005	01/12/2015	Territory Phosphate

Patanella ELs.



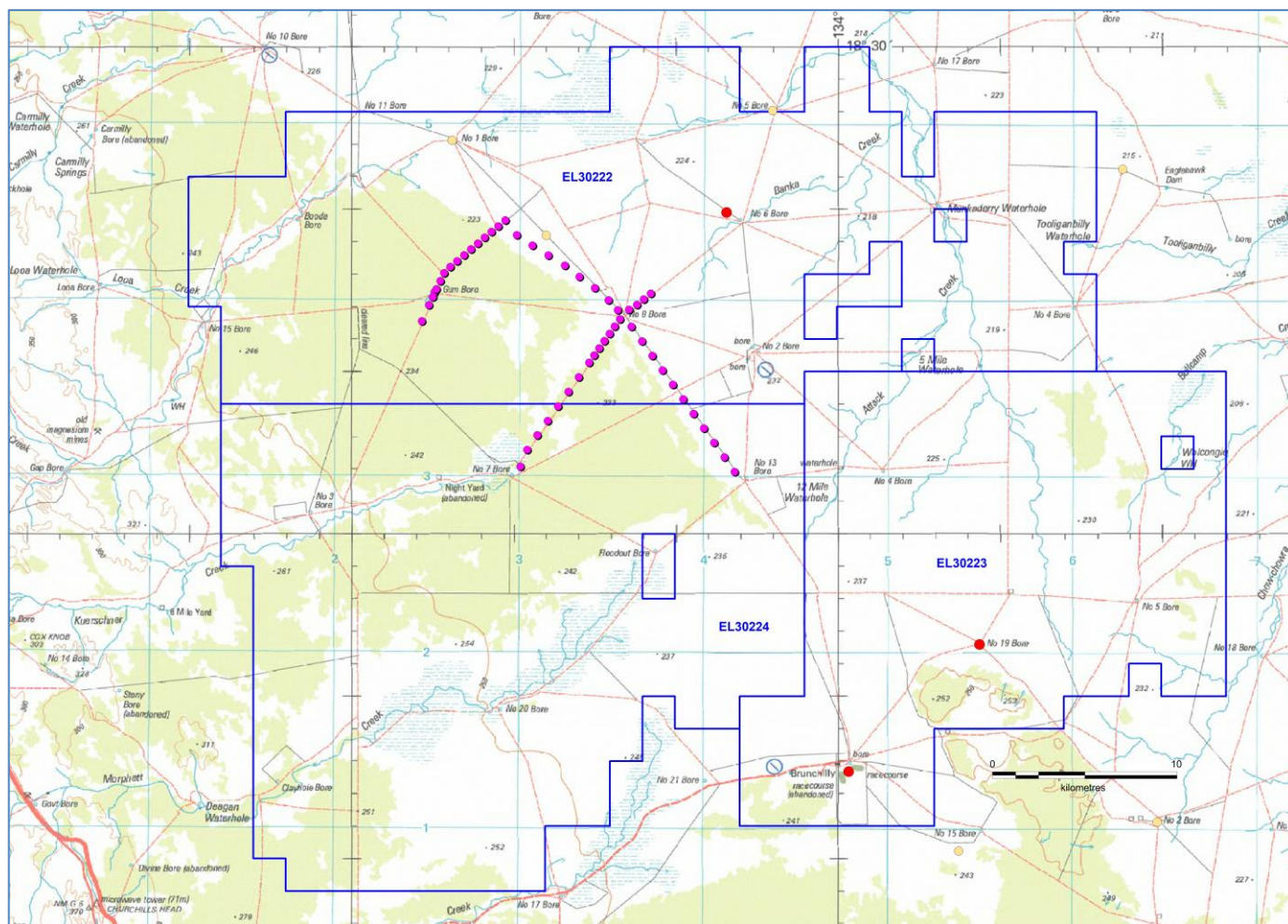
Patanella phosphate titles as of 13 October, after the recent round of partial relinquishments. Patanella Prospect Exploration Target outlined in purple, existing drillholes as red dots and the prospective interval in grey.

## BRUNCHILLY PHOSPHATE PROJECT, NT

The Brunchilly Project consists of three contiguous phosphate ELs near Tennant Creek. Depth to basement geophysical modelling, waterbores, soil sampling, and previous phosphate drilling all indicate prospectivity. There has only been wide-spaced drilling by Vale over part of the area. Group reporting has been approved and a proposed drilling program of ca 50 holes and budget has been prepared. Voluntary partial relinquishments were made to two of the titles. There was no on-ground work this Quarter.

Tenement	Area km <sup>2</sup>	Blocks	Grant Date	Expiry	Holder
EL 30222	768.25	236	15/10/2014	14/10/2020	Territory Phosphate
EL 30223	507.24	156	15/10/2014	14/10/2020-	Territory Phosphate
EL 30224	718.44	221	15/10/2014	14/10/2020	Territory Phosphate

Brunchilly phosphate titles after recent reductions.



Brunchilly Project area showing waterbores rated as highly prospective for phosphate by CSIRO/Vale (red) and moderately prospective (yellow). Minemakers' soil sampling in pink.

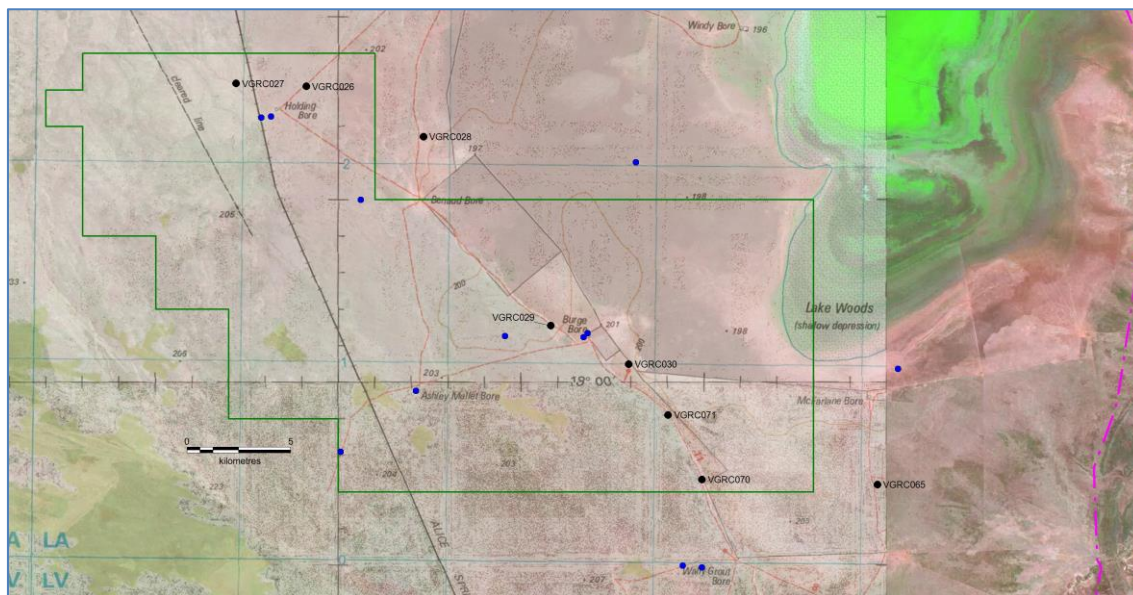


## BURGE BORE PHOSPHATE PROJECT, NT

This is a single EL that straddles the Central Australian Railway. Waterbore intercepts of phosphate indicate prospectivity and the MIRA depth to basement modelling indicates a favourable setting straddling a basement ridge. The grant of Rum Jungle Resources' application was delayed for over 12 months while NT Department of Mines and Energy sought advice from the Department of Land Resources Management regarding the Lake Woods Conservation Covenant which makes Lake Woods and the surrounds a Site of Conservation Significance. This only impinges on the east of the EL. An in-house waterbore study conducted during the Quarter confirmed that any phosphate present is likely to be above the watertable over a significant part of the EL.

Tenement	Area km <sup>2</sup>	Blocks	Grant Date	Expiry	Holder
EL 30225	532.55	163	15/05/2015	14/05/2021	Territory Phosphate

**Burge Bore phosphate title.**



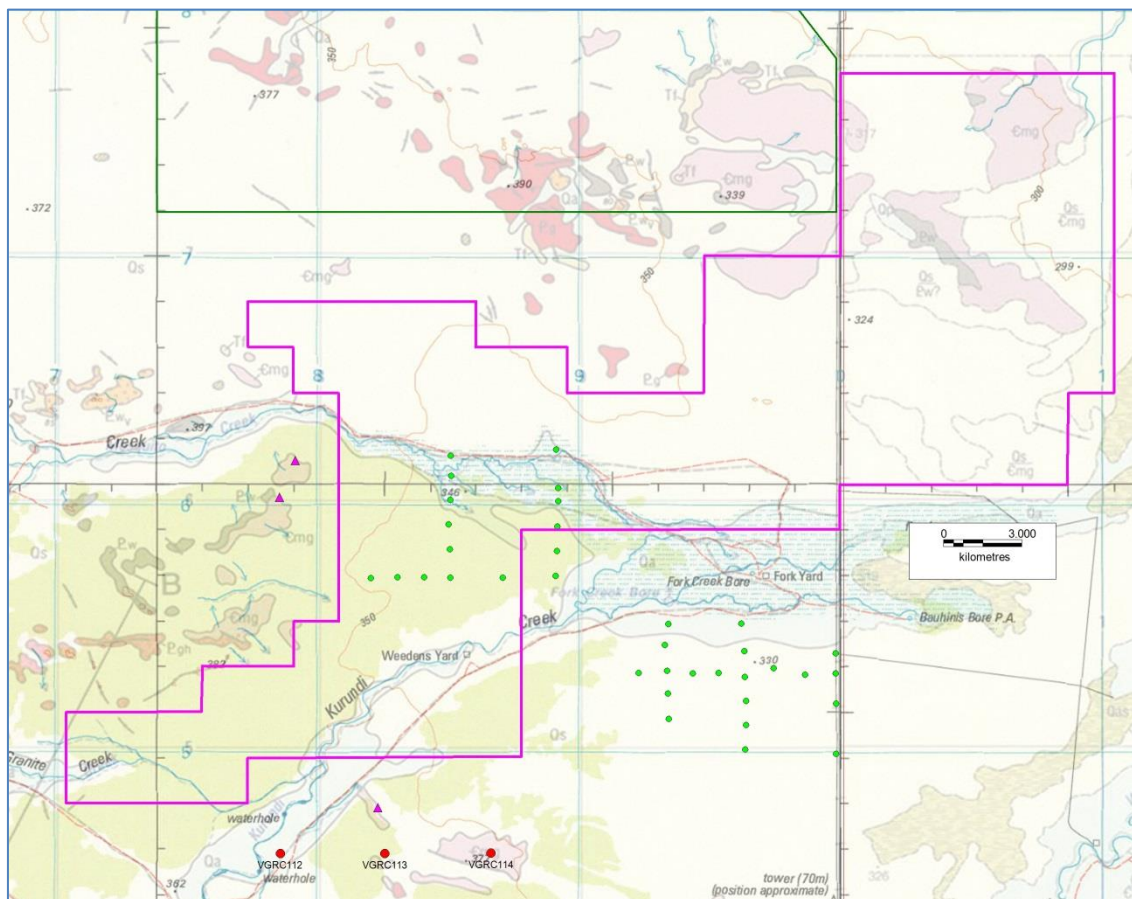
**Burge Bore EL 30225 showing waterbores used in the recent in-house study as blue dots. The previous widely-spaced Vale holes are labelled black dots. Note the proximity to the railway and gas pipeline (purple). The maximum extent of inundation of Lake Woods is much larger than shown on this topo/satellite image, extending to Burge Bore itself.**

## WEEDENS PHOSPHATE, NT

EL 30672 is held based on previous exploration in the mid 1990s for under-cover Tennant Creek IOCG which showed that the Cambrian section is at least 60 m thick. The ground has only been held once previously for phosphate exploration, by Vale from 2010 to 2012. They drilled only three holes to 59 m max, 5 km apart, all south of this application. Vale was side-tracked by iron in the south of their former tenement package and suddenly withdrew NT-wide without testing the area now applied for.

Tenement	Area km <sup>2</sup>	Blocks	Grant Date	Expiry	Holder
EL 30672	447.96	139	15/05/2015	14/05/2021	Territory Phosphate

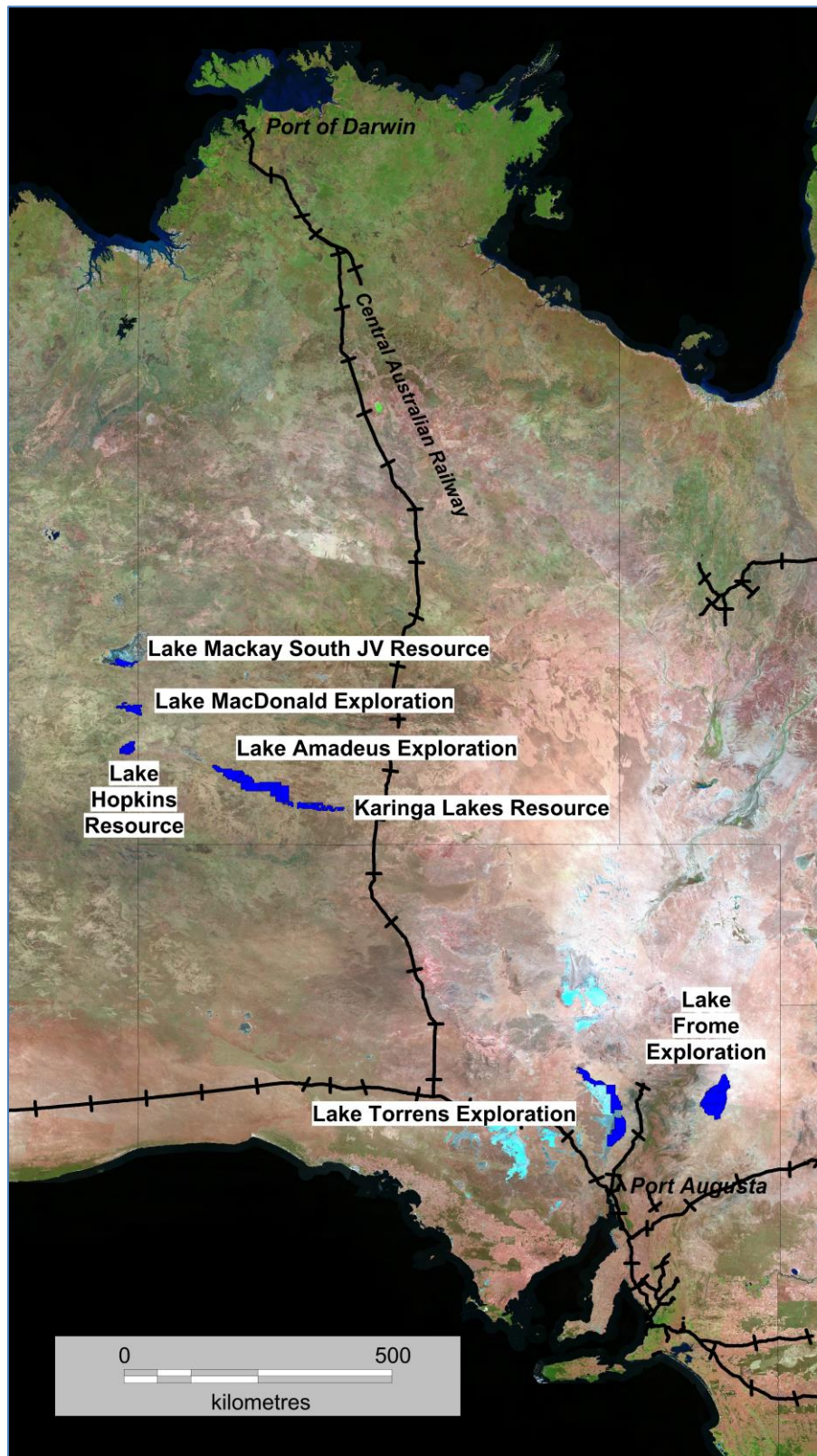
Weedens phosphate title.



Weedens Phosphate EL 30672. Green dots are percussion holes targeted on basement IOCG. They intersected prospective Cambrian stratigraphy but were not tested for phosphate. Red dots are Vale holes, 5 km apart. Pink triangles are Vale rock chip samples. The pink outcrops labelled Cmg are the few outcrops of target formation, which is otherwise under shallow surficial cover, superimposed on the topographic map. Pg is unprospective granite basement.



## SULPHATE OF POTASH PROJECTS



Rum Jungle Resources' potash projects and Lake Mackay JV. Not all titles are granted yet.

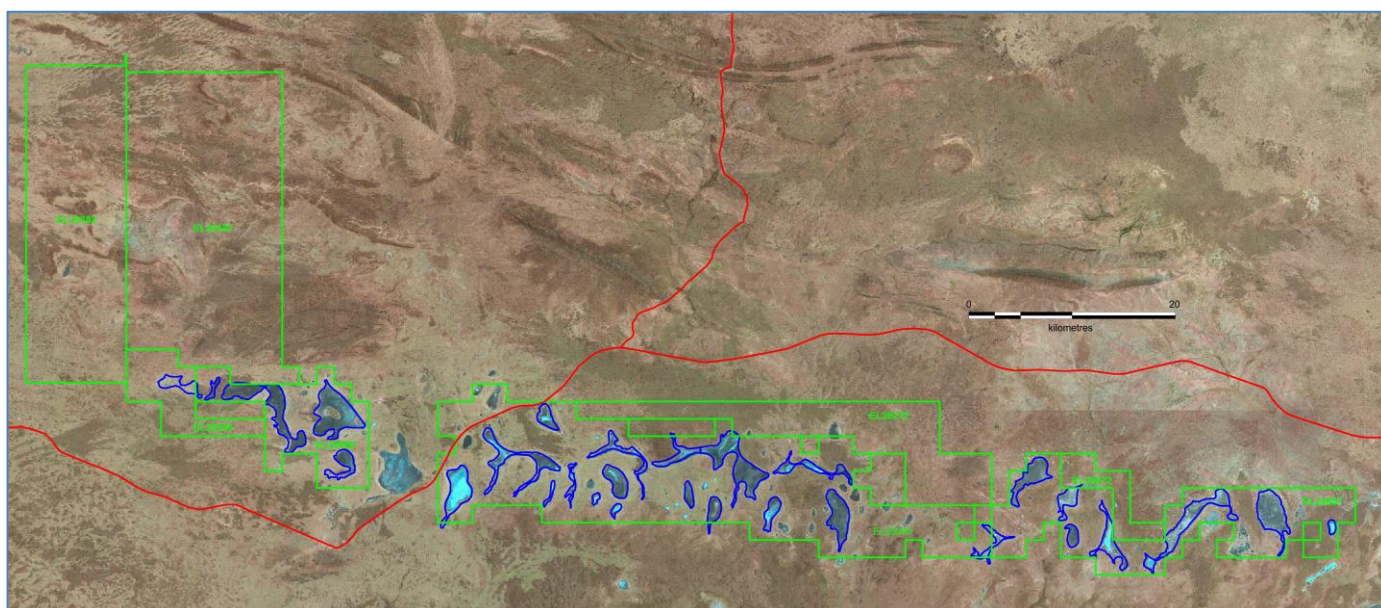
## KARINGA LAKES POTASH PROJECT, NT

The Karinga Lakes Potash project is located along the Lasseter Highway between Alice Springs and Uluru. The project contains a chain of dozens of dry salt lakes. The lake sediments and the underlying rocks contain potassium-rich brines, some of which are being fed from the Central Australian Groundwater Discharge Zone. The brines can be processed through solar evaporation and flotation to produce potash fertiliser minerals.

Voluntary partial relinquishments were made to three titles shown in green below.

Tenement	Area km <sup>2</sup>	Blocks	Grant	Expiry	Holder
EL 24987	220.37	71	10/10/2006	09/10/2016	RUM
EL 25080	633.58	204	09/10/2006	08/10/2016	RUM
EL 28272	164.61	53	14/04/2011	13/04/2017	RUM
EL 28205	59.04	19	09/03/2011	08/03/2017	RUM
EL 28872	34.15	11	06/03/2012	05/03/2018	RUM
EL 30381	479.18	154	16/03/2015	15/03/2021	RUM
EL 30382	330.14	114	16/03/2015	15/03/2021	RUM

Karinga Lakes potash titles.



Karinga titles as of 13 October 2015 after the recent round of partial relinquishments. JORC resource outlined in blue.

### Resource

The most recent JORC 2012 Resource was released to the market on 20 February 2014 and has not changed since.

Resource Category	Potassium (tonnes)	K <sub>2</sub> SO <sub>4</sub> (tonnes)	Schoenite (tonnes)
Measured	2,600,000	5,800,000	13,000,000
Indicated	210,000	460,000	1,100,000
Inferred	950,000	2,100,000	4,900,000
<b>Total</b>	<b>3,800,000</b>	<b>8,400,000</b>	<b>19,000,000</b>

Karinga Lakes Brine Resource (entries have been rounded).

The sulphate of potash tonnage represents the in-situ brine with no recovery factor applied. It will not be possible to extract all of the contained brine by pumping of trenches; the amount which can be extracted depends on many factors including the permeability of the sediments, the drainable porosity, and the recharge dynamics of the aquifers.

### Planned Drilling

Twelve RC drill holes are planned for November. Drilling has been approved by DME and station owners have been notified. Holes will be cased to 30 m depth. Top Drill from WA has been awarded the drilling contract.

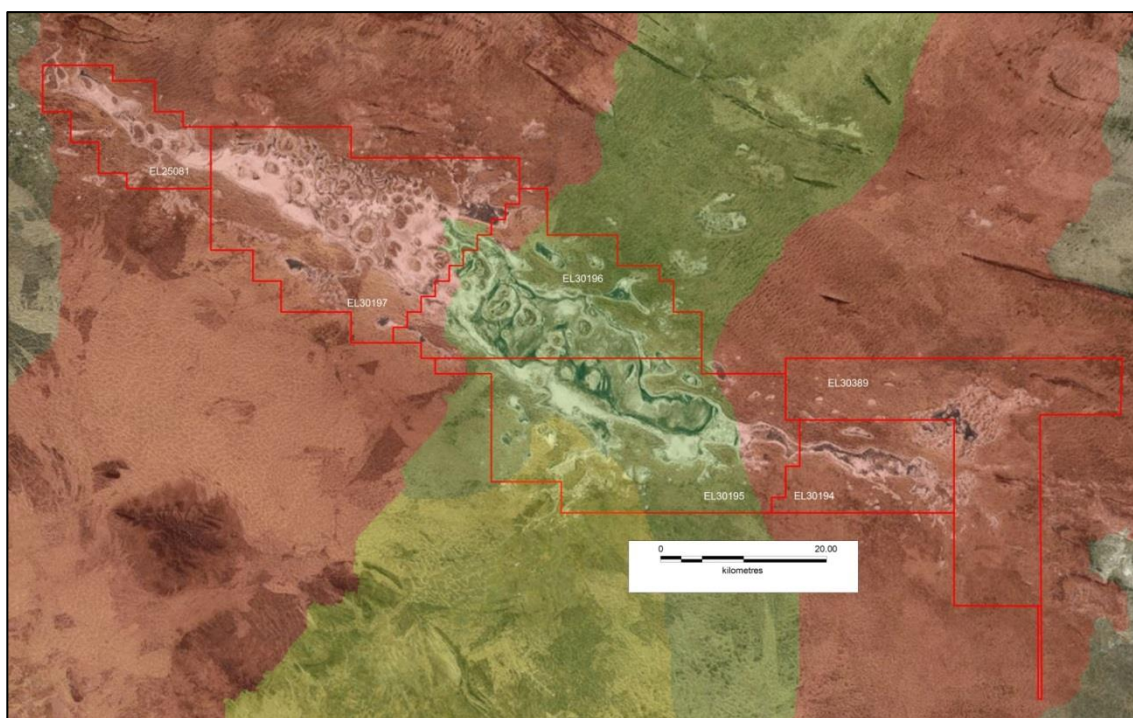


## LAKE AMADEUS POTASH PROJECT, NT

Six contiguous ELs applications cover all of Lake Amadeus in the NT. The applications include 1,010 km<sup>2</sup> of lake area along a 130 km length. The eastern boundary is contiguous with the Karinga Lakes Project and corresponds to the ALRA/pastoral boundary. All the Lake Amadeus applications are on ALRA land. A work program has been sent to the Central Land Council.

Tenement	Area km <sup>2</sup>	Blocks	Application Date	Holder
ELA 30194	218.00	70	05/12/2013-	RUM
ELA 30195	622.88	200	05/12/2013	RUM
ELA 30196	446.18	143	05/12/2013	RUM
ELA 30197	633.44	203	05/12/2013	RUM
ELA 30389	527.1	186	09/05/2014	RUM
ELA 30650	190.5	61	04/11/2014	RUM

Lake Amadeus potash titles.



Six contiguous potash applications over Lake Amadeus. The red catchments are rated by GA as most prospective for potassium, followed by yellow and green.

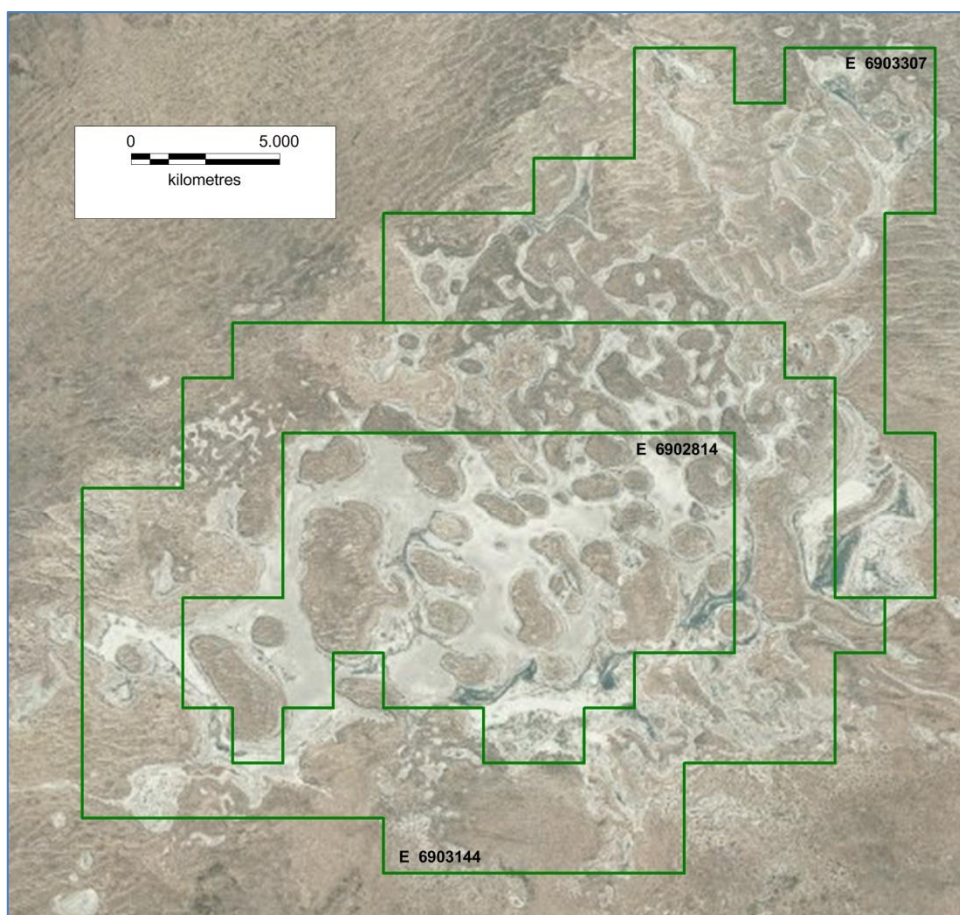


## LAKE HOPKINS POTASH, WA

This project consists of three contiguous granted titles.

Tenement	Area km <sup>2</sup>	Blocks	Grant	Expiry	Holder
E69/2814	153.5	49	06/07/2011	05/07/2016	RUM
E69/3144	256.8	82	11/11/2013	10/11/2018	RUM
E69/3307	150.5	48	09/03/2015	08/03/2020	RUM

Lake Hopkins potash titles.



All three titles over Lake Hopkins are now granted.

### Resource and Exploration Target

The Inferred JORC brine potash resource is 4.5 million tonnes K<sub>2</sub>SO<sub>4</sub> on E69/2814, which was announced 12 September 2014 and has not changed since.

Area (m <sup>2</sup> )	Average Thickness (m)	Bulk Volume (m <sup>3</sup> )	Porosity estimate	Brine Volume (m <sup>3</sup> )	Average Dissolved Potassium Concentration (kg/m <sup>3</sup> )	Potassium Tonnage (million tonnes) <sup>1</sup>	K <sub>2</sub> SO <sub>4</sub> Tonnage (million tonnes) <sup>1</sup>
85,910,000	18.7	1,606,438,647	0.40 (upper)	642,575,459	3.849	2.5	5.6
			0.33 (middle)	530,124,754		2.0	4.5
			0.26 (lower)	417,674,048		1.6	3.6

Notes: 1) Tonnage rounded to two significant figures

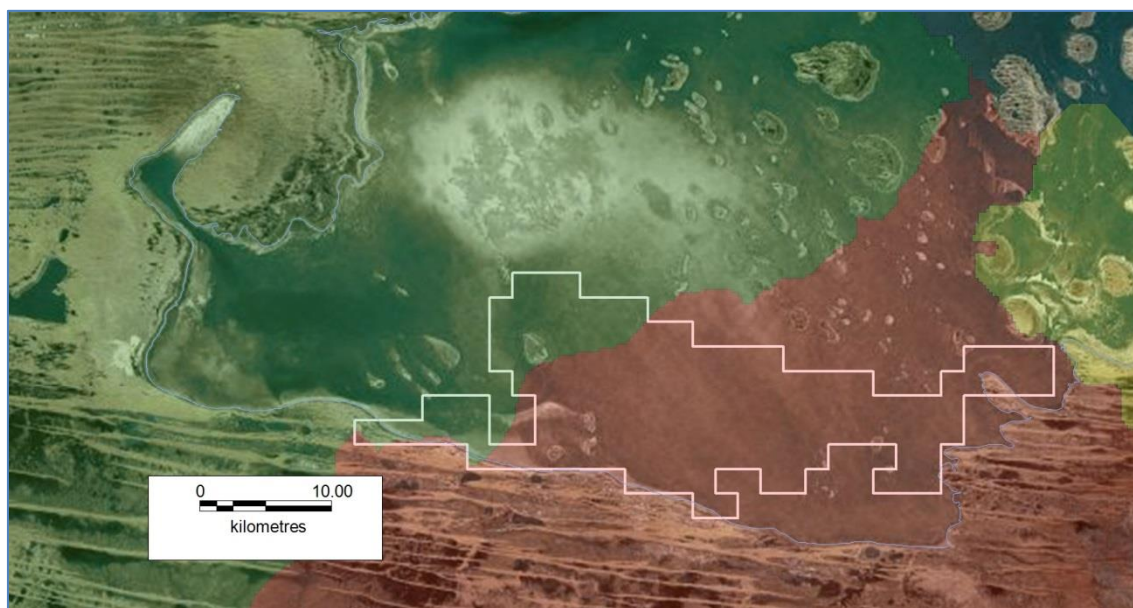
A brine exploration target for the immediate surrounding tenement E69/3144 has been estimated at 2.5 to 3.8 million tonnes K<sub>2</sub>SO<sub>4</sub>. It has not been extrapolated onto E69/3307.

## LAKE MACKAY POTASH, WA

The JV gives Rum Jungle Resources potash exploration rights to the southern part of Lake Mackay as held by a Toro Energy subsidiary. This includes all of E80/3486 and parts of E80/3484, 3485 and 3519. Rum Jungle Resources has now spent sufficient to earn 51% of the potash rights in the JV. There was no work during this Quarter.

Tenement	Blocks in JV	Grant	Expiry	Holder
E80/3484	35	16/05/2008	15/05/2017	Nova/Toro Energy Ltd
E80/3485	17	16/05/2008	15/05/2017	Nova/Toro Energy Ltd
E80/3486	69	16/05/2008	15/05/2017	Nova/Toro Energy Ltd
E80/3519	12	16/05/2008	15/05/2017	Nova/Toro Energy Ltd

Lake Mackay JV titles.



Lake Mackay JV area. The red catchments are rated as most prospective for potassium, followed by yellow and green.

### Resource

A JORC brine potash resource of 13 million tonnes  $K_2SO_4$  was announced for the Lake Mackay South Potash Project on 09/09/2014 and has not changed since.

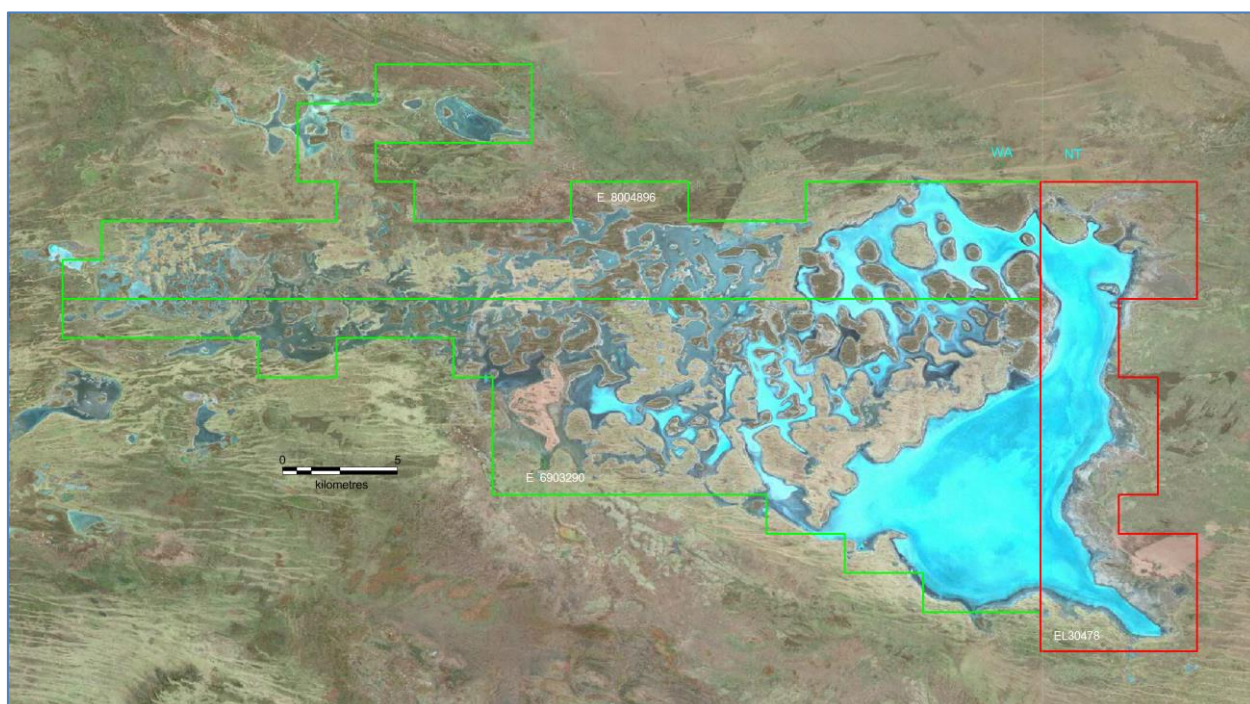
## LAKE MACDONALD POTASH, WA and NT

Three titles across WA and NT cover all of Lake MacDonald which straddles the border. The titles are less than 100 km from the producing Surprise petroleum field. Both WA titles are now granted. An NT work program for ELA 30478 was submitted to the Central Land Council this Quarter and a meeting was held with Traditional Owners and the Central Land Council to discuss land access for exploration.

Discussions on an Exploration Agreement over the two Western Australian tenements with the Central Desert Native Title Services is ongoing.

Tenement	Area km <sup>2</sup>	Blocks	Grant	Expiry	Holder
WA E69/3290	311.9	99	09/03/2015	08/03/2020	RUM
WA E80/4896	226.8	72	08/06/2015	07/06/2020	RUM
NT ELA 30478	122.9	39	-	-	RUM

Lake MacDonald titles.



Lake MacDonald titles straddling the WA/NT border on satellite image background.

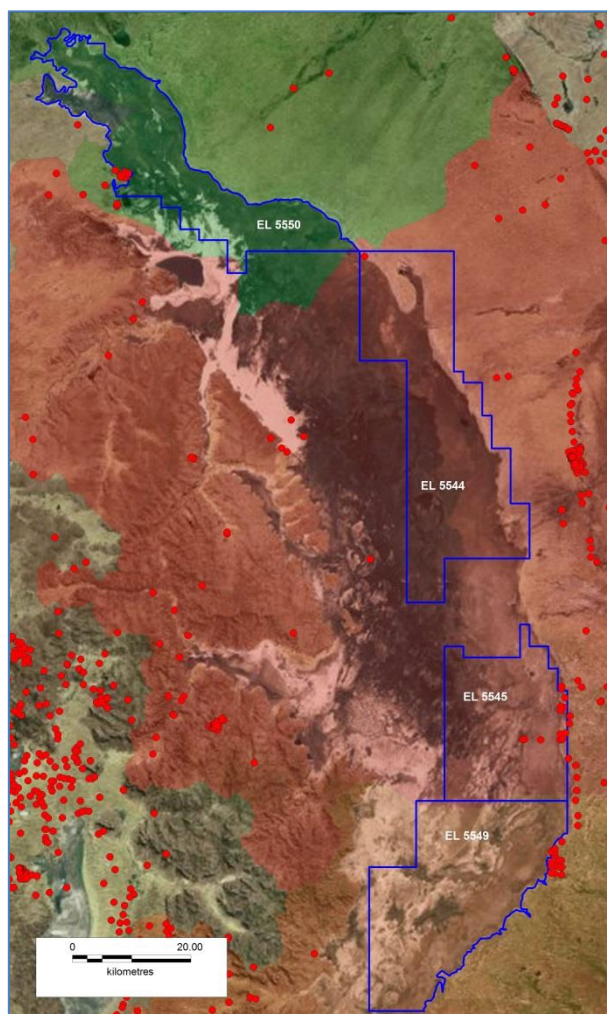


## LAKE TORRENS POTASH, SA

Rum Jungle Resources has four granted titles that cover a significant portion of Lake Torrens in South Australia. A reconnaissance work program was submitted to SA Government departments and Native Title notification documents have also been submitted to the relevant parties. Native Title negotiations are in progress via South Australian Native Title Services. A meeting with Traditional Owners and their lawyers is scheduled for October 15.

Tenement	Area km <sup>2</sup>	Grant Date	Expiry	Holder
EL 5544	880	05/01/2015	04/01/2017	RUM
EL 5545	505	05/01/2015	04/01/2017	RUM
EL 5549	736	05/01/2015	04/01/2017	RUM
EL 5550	617	05/01/2015	04/01/2017	RUM

Lake Torrens titles.



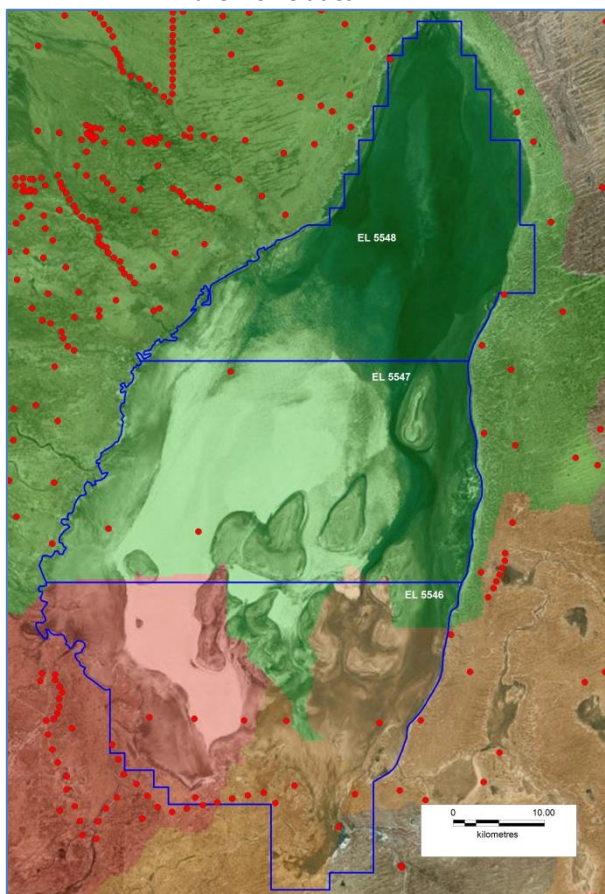
Lake Torrens titles. The catchments shown with a red tint are rated by GA as most prospective for potassium. Historic drillholes are shown as red dots. Note that there has been almost no drilling on the lake itself.

## LAKE FROME POTASH, SA

A series of titles of 2,718 km<sup>2</sup> cover the entire of Lake Frome in SA. There is very little data on the potash prospectivity, but GA rated the southwest as the most prospective. The lake has previously been explored for alkali evaporites and a single hole was drilled targeting lithium. A meeting with Traditional Owners and their lawyers will take place in early October.

Tenement	Area km <sup>2</sup>	Grant Date	Expiry	Holder
EL 5546	949	05/01/2015	04/01/2017	RUM
EL 5547	995	05/01/2015	04/01/2017	RUM
EL 5548	774	05/01/2015	04/01/2017	RUM

Lake Frome titles.



Lake Frome titles. The catchments shown with a red tint are rated by GA as most prospective for potassium. Historic drillholes are shown as red dots. There has been very little drilling on the lake itself.

## OTHER TARGET COMMODITIES

### DINGO HOLE SILICA

This project is targeting potentially high-purity silica quartz rock. The titles are contiguous with and north of the Ammaroo phosphate project. A process of title rationalisation and consolidation continued during the Quarter. An AAPA Certificate Clearance is still awaited. A second AAPA clearance program is scheduled for the week commencing October 5.

Tenement	Area km <sup>2</sup>	Blocks	Grant Date	Expiry	Holder
EL 30659	22.37	7	29/06/2015	28/06/2021	RUM
ELA 30792	3.20	1	App 13/03/2015	-	RUM
EL 30819	9.59	3	01/04/2008	31/03/2016	RUM

**Dingo Hole titles.**

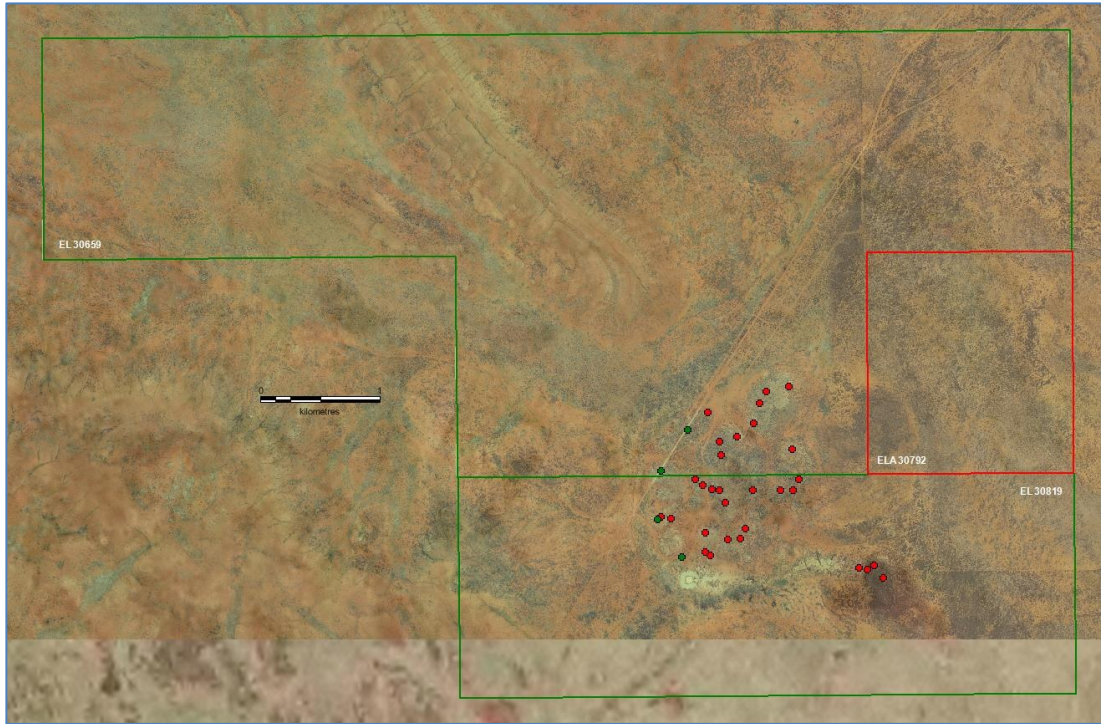
The company has engaged Dorfner Anzaplan in Germany to undertake basic process development testing of a Dingo Hole Silica sample for high purity applications. High purity quartz requires several specific processing steps in order to evaluate the full market potential and most suitable applications. This test work has been completed and included:

- Characterisation of mineral phases and inclusions
- Processing and mineral dressing to produce glass sand and powder fractions
- Physical treatment including attritioning, magnetic separation and flotation/high tension separation
- Chemical and thermal processing including hot chlorination
- Laboratory melting tests
- Testing for EMC (Epoxy Moulded Compound) Filler Applications

These results were announced to the ASX on 23 October 2015. RUM will now consult with local and overseas silica experts and will conduct further discussions with Dorfner Anzaplan regarding the way forward. Topics of discussion will include:

- better understanding of sample selection and preparation that may impact test-work results
- potential of alternate processing methods to remove problematic impurities including optical sorting, different grind sizes, different flotation reagents, additional flotation stages, acid gestation times and pyro-metallurgical processes
- the potential of starting with lower impurity feedstock in the next phase of processing test work which may enable the right impurity levels to be attained at the end
- understanding of the future use cut-off grades for certain elements in feedstock to enable IOTA standard HPQ production
- more systematic sampling and/or drilling of the mineralised area to more fully understand the chemical distribution of the SiO<sub>2</sub> and the impurities
- engaging the HPQ industry to understand potential uses for this quality of product which may differ from normal standards





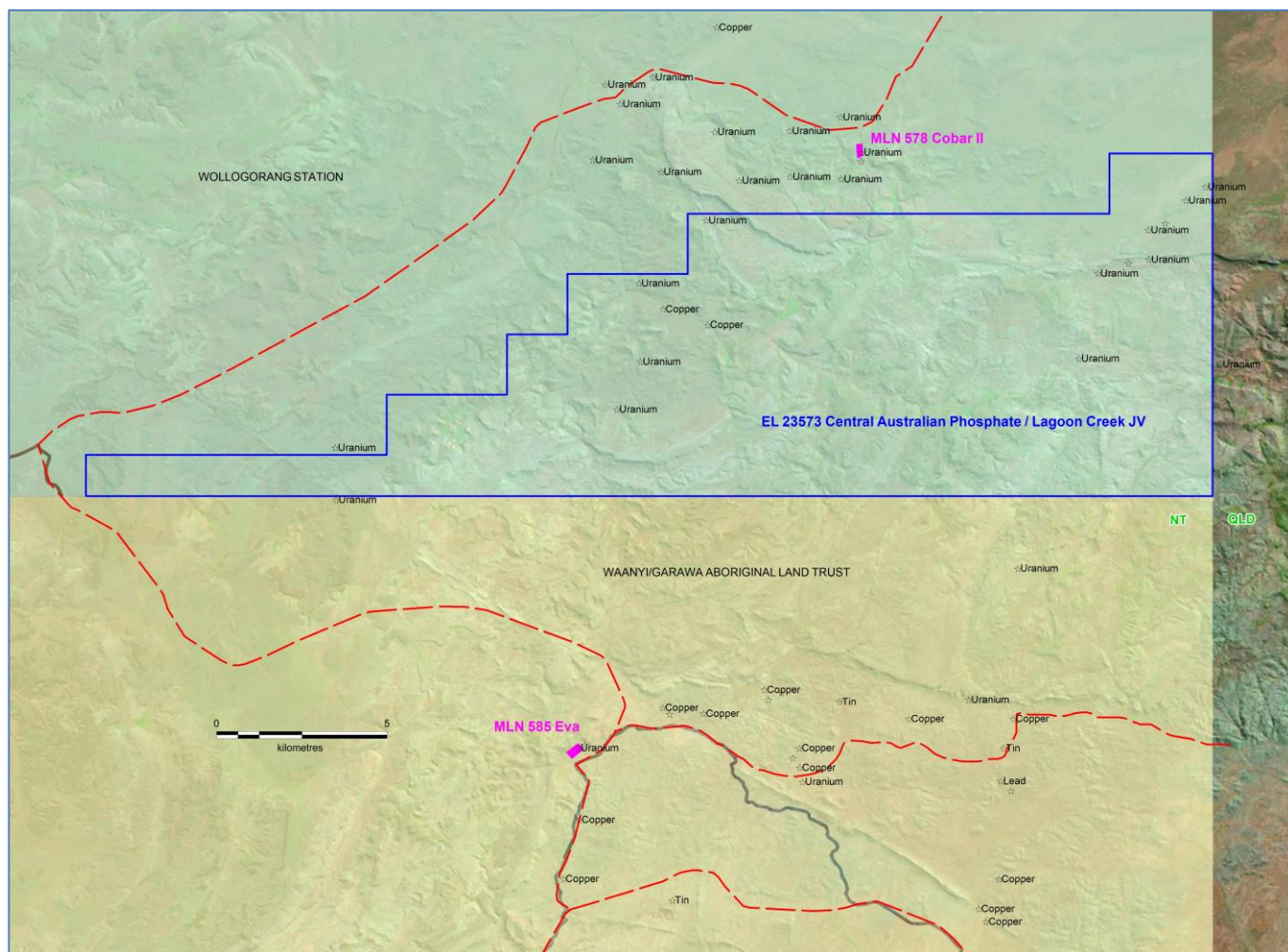
Map of Dingo Hole Silica titles with high resolution satellite imagery over the most prospective portion showing the rock-chip surface sample locations. The first round of sampling is shown as green dots and the second round as red dots.

## WESTMORELAND PROJECT, NT

This project targeting U/Au includes two MLNs and a JV over EL 23573 with Lagoon Creek Resources which is a subsidiary of Laramide. MLN 578 covers the historic Cobar II uranium mine which produced 0.33t U<sub>3</sub>O<sub>8</sub>. MLN 585 covers the historic Eva uranium mine which has JORC 2004 resources for uranium and gold. The old mine produced 25.8t U<sub>3</sub>O<sub>8</sub>. Fourteen stream sediment and sediment trap samples were collected and analysed as part of on-going environmental monitoring of legacy disturbance around the old Eva uranium mine site.

Tenement	Area km <sup>2</sup>	Blocks	Grant	Expiry	Holder
EL 23573	189.8	65	23/12/2003	22/12/2015	Central Australian Phosphate/Lagoon Ck
ML 585	12.14 hectares	na	01/01/2001	31/12/2021	Central Australian Phosphate
ML 578	6.47 hectares	na	21/12/1955	31/12/2017	Central Australian Phosphate

Central Australian Phosphate and JV titles in the Westmoreland Project.



Westmoreland Project adjacent to the Queensland border showing MODAT mineral occurrences.

## TOP END PROJECT – MT BUNDEY / MT GOYDER, NT

The Top End Project is in an established polymetallic province within 20 km of the Toms Gully gold mine. Rum Jungle Resources has withdrawn from all but an inactive joint venture with Crocodile Gold (now Primary Minerals) over exploration tenements surrounding the Tom's Gully Gold Mine. Rehabilitation of all work by Rum Jungle Resources has been completed and the security bond released by the Department of Mines and Energy.

## HEALTH, SAFETY, ENVIRONMENT AND COMMUNITY

### **Field Hours**

Field hours for the Quarter are shown below. There were no accidents, injuries or environmental incidents during the Quarter.

Project	Field Hours Worked
Ammaroo	10
Karinga Lakes	20
Eva	40
<b>Total</b>	<b>70</b>

Field hours worked for the Quarter.

## CORPORATE

The Company had \$3.4 million cash on hand at 30 September 2015.

Exploration and evaluation studies expenditure (cash flow) was approximately \$489k for the Quarter, including statutory charges (levies, rental etc.) to maintain tenements.

Administration expenditure (cash flow) was circa \$507k for the Quarter.



## RESOURCE REGISTER as of 30 September 2015

Commodity	Project	Ownership	Resource Category	Mt P <sub>2</sub> O <sub>5</sub>	Grade P <sub>2</sub> O <sub>5</sub> %	Cut-Off P <sub>2</sub> O <sub>5</sub> %	JORC	Announced	Status
Phosphate	Ammaroo, NT	Territory Phosphate	Measured	135	15.4	10	2012	Rum Jungle Resources 09 December 2014	pre-feasibility completed
			Indicated	80	15.3				
			Inferred	930	14				
			Total	1,145	14				
	Ammaroo South, NT	Territory Phosphate	Inferred	70	13	10	2012	Rum Jungle Resources 12 June 2014	exploration

Commodity	Project	Ownership	Resource Category	Mt K <sub>2</sub> SO <sub>4</sub>	Grade mg/L K	Cut-Off mg/L K	JORC	Announced	Status
Potash	Karinga Lakes, NT	Rum Jungle Resources	Measured	5.8	-	3,000	2012	Rum Jungle Resources 20 February 2014	scoping study completed
			Indicated	0.46	-				
			Inferred	2.1	-				
			Total	8.4	av 4,760				
	Lake Mackay South JV, WA	51% of potash rights Rum Jungle Resources, 49% Toro Energy Limited	Inferred (mid estimate using 0.33% porosity)	13	av 3,758	none applied, but above 3,000 mg/L used at Karinga Lakes	2012	Rum Jungle Resources 09 September 2014	exploration
	Lake Hopkins, WA	Rum Jungle Resources	Inferred (mid estimate using 0.33% porosity)	4.5	av 3,849		2012	Rum Jungle Resources 12 September 2014	exploration

Commodity	Project	Ownership	Resource Category	Tonnes	Grade Au g/t	Cut-Off g/t	Au Oz	JORC	Announced	Status
Gold	Eva*, NT	Central Australian Phosphate	Inferred	14,000	3.07	1.2	1,400	2004	NuPower 4 March 2011	no activity since acquisition
			Indicated	87,600	3.88		10,900			
			Total	101,600	3.77		12,300			

Commodity	Project	Ownership	Resource Category	Tonnes	Grade U <sub>3</sub> O <sub>8</sub> %	Cut-Off U <sub>3</sub> O <sub>8</sub> %	U <sub>3</sub> O <sub>8</sub> Tonnes	JORC	Announced	Status
Uranium	Eva*, NT	Central Australian Phosphate	Inferred	105,300	0.05	0.02	60	2004	NuPower 4 March 2011	no activity since acquisition
			Indicated	430,500	0.14		590			
			Total	535,800	0.12		650			

**Notes**

Territory Phosphate Pty Ltd and Central Australian Phosphate Pty Ltd (formerly NuPower Limited) are wholly-owned subsidiaries of Rum Jungle Resources Ltd. All resources are listed as of the time of the ASX announcement given above and have not changed since. Totals may include rounding.

\*Rum Jungle Resources has not undertaken any work to independently verify the Eva project resources prepared by Mining Associates Pty Ltd and announced by NuPower. This information was prepared and first disclosed under the JORC Code 2004. It has not been updated since to comply with the JORC Code 2012 on the basis that the information has not materially changed since it was last reported. Further work and evaluation may be required to independently verify the JORC 2004 compliant resource and/or make it compliant with JORC 2012.

## ATTESTATIONS

*The information in this report that relates to the phosphate Mineral Resource estimates is based on information compiled by Jonathon Abbott, a Competent Person who is a Member of the Australian Institute of Geoscientists. Jonathon Abbott is a full time employee of MPR Geological Consultants Pty Ltd and is an independent consultant to Rum Jungle Resources.*

*Mr Abbott has sufficient experience that 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 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves".*

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



**Jonathon Abbott**  
**Consulting Geologist**  
**MPR Geological Consulting Pty Ltd**

*The information in this report that relates to the potash resources have been verified by Ben Jeuken from Groundwater Science Pty Ltd who is a member of the AusIMM, and the International Association of Hydrogeologists and 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".*

*Ben Jeuken consents to the inclusion in this report on the matters based on his information in the form and context in which it appears.*



**BM Jeuken BSc, MAusIMM, MIAH**  
**Principal - Groundwater Science**

## DISCLAIMER

*This report 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 announcement, particularly given that Rum Jungle Resources has not yet made a decision to proceed to develop any other project, and Rum Jungle Resources does not yet know whether it will be able to finance any project.*



**Chris Tziolis**  
**Managing Director**

## TENEMENT ACTIVITIES

Voluntary partial relinquishments were made to sixteen exploration licences across four Northern Territory Projects. The Northern Territory Department of Mines was still processing these at the end of the Quarter. The titles tables and maps presented in this report show the position as at 13 October, after the completion of the administrative changes. Only those changes actioned during the actual Quarter are tabled below.

Territory Phosphate Pty Ltd		
July - September 2015 Actions		
Date	Tenement	Action
31/07/2015	EL 30663	Granted for 6 years - 55 blocks Ammaroo
31/07/2015	EL 30672	Granted for 6 years - 139 blocks Weedens
23/09/2015	EL 25184	Voluntary Partial Relinquishment - 20 Blocks Ammaroo
23/09/2015	EL 25185	Voluntary Partial Relinquishment - 63 Blocks Ammaroo
23/09/2015	EL 30663	Voluntary Partial Relinquishment - 22 Blocks Ammaroo
22/09/2015	EL 30520	Voluntary Partial Relinquishment - 16 Blocks Ammaroo
23/09/2015	EL 24726	Voluntary Partial Relinquishment - 58 Blocks Ammaroo
22/09/2015	EL 27987	Voluntary Partial Relinquishment - 10 Blocks Ammaroo
29/09/2015	EL 24724	Voluntary Partial Relinquishment - 1 Block Patanella
29/09/2015	EL 24716	Voluntary Partial Relinquishment - 15 Blocks Patanella