# **Annual Report**

## **Exploration Licence 27041**

Holder: CHINA AUSTRALIA LAND RESOURCES PTY LTD

Operator: CHINA AUSTRALIA LAND RESOURCES PTY LTD

Reporting Period: 2<sup>nd</sup> June 2013 to 1<sup>st</sup> June 2014

Sheet Reference: 1:250,000 Pine Creek Metallogenic (SD52-08)

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Report No:

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China Australia Land Resources Pty Ltd

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## **SUMMARY**

EL27041 was granted to Corporate Developments Pty Ltd on 2nd June 2009 for a period of six years. The title was transferred to Outback Metals in February 2012 and then to China Australia Land Resources Pty Ltd in August 2012. This report represents Year five of the Licence.

Exploration Licence 27041 is situated on the Pine Creek (SD52-08) 1:250,000 geological mapsheet in the Northern Territory. It is located around 20 kilometers south of Daly River.

During the reporting period, about 12kms of geological survey and 1km<sup>2</sup> 1:10000 mapping were completed.

The total expenditure for the Licence amounted to \$38000.

## 1.0 INTRODUCTION

This annual report outlines exploration activities undertaken by China Australia Land Resources Pty Ltd (CALR) on Exploration Licence 27041 between the 2<sup>nd</sup> June 2014 and 1<sup>st</sup> June 2015. This period represents Year six of the licence.

## 2.0 LOCATION AND ACCESS

Exploration Licence 27041 is situated on the Pine Creek (SD52-08) 1:250,000 geological mapsheet in the Northern Territory. It is located around 20 kilometres south of Daly River. A location map is provided as Figure 1 (The red Area of the map).

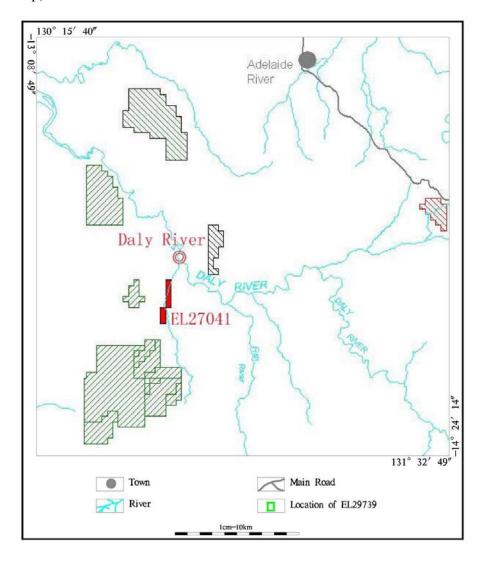


FIG 1 Location map of EL27041

#### 3.0 LICENCE DETAILS

EL27041 consists of 8 sub-blocks, and was granted to Corporate Developments Pty Ltd on 2<sup>nd</sup> June 2009 for a period of six years. The title was transferred to Outback Metals in February 2012 and then to China Australia L and Resources Pty Ltd in August 2012. Licence details for EL27041 are outlined in Table 1 below.

Table 1: Licence Details for EL27041

Name	Status	Grant Date	Expiry Date	Current Blocks	Area (sq	Holder	Percentage
EL27041	granted	02/06/2013	01/06/2018	8	26.67	China Australia Land Resources Pty Ltd	100

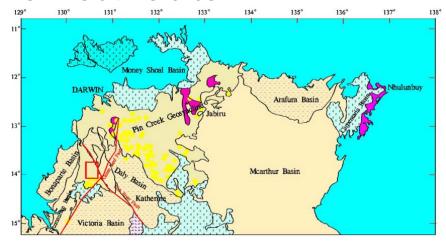
#### 4.0 PHYSIOGRAPHY

The tenement area lies in the western parts of the Pine Creek Inlier (Litchfield Province) and is considered to have good potential for magmatic Cu-Ni mineralisation related to the Wangi Basics. The Litchfield Province is the continuation of the prospective Halls Creek Province of the Kimberleys, a known significant magmatic Cu-Ni province.

#### 5.0 GEOLOGY

In 1983 NTGS carried out field geological mapping and air photo mapping of Daly River 1:100 000 scale geological map sheet (Edgoose et al, 1987). The published map shows that much the EL is located in the shattered ridge country which comprises the Giants Reef Fault Zone.

FIG 2 REGIONAL GEOLOGY



The regional stratigraphy is summarized in Table 2. Exposures in and adjacent to the exploration licence comprise units of the Finniss River Group and members of the transitional igneous rocks. Synorogenic granitoid intrusions are exposed to the northeast and west, Allia Creek Granite and Murrakamangee Granite respectively. Postorogenic granites are represented by the Litchfield Granite to the north and the Soldiers Creek Granite to eh southeast.

## TALBLE 2 REGIONAL STRATIGRAPHY

CAINOZOIC	Marine and terr	estrial cover			
MESOZOIC	Daly River Group				
PLAAEOZOIC		unconformity			
MIDDLE Auvergne Group	Platform	Fitzmaurice Group			
PROTEROZOIC	Cover	Tolmer Group			
		unconformity			
Finnis River Group					
		Chilling Sandston Burrell Creek Formation			
Pine		Barinka Volcanics			
Creek		Hermit Creek metamorphics			
Geosyncline		Well Tree Schist			
Mount Partridge G	roup				
unconformity					
ARCHAEAN		Crystalline Basement			

Adapted from Needam and Stuart-Smith(1984), Edgoose et al, 1989.

#### **6.0 PREVIOUS EXPLORATION**

Previous exploration was carried out by:

Planet Gold during 1969-1970 for uranium, gold and base metals.

Carpentaria Exploration Company during 1985-1991 for gold and base metals.

Tipperary Mining with Mobil Energy Minerals during 1992-1995 for uranium and base metals.

Corporate Developments in the mid to late 1990's for gold and base metals.

There are several mineral occurrences within the EL as listed in the NTGS MODAT database

The mineral commodities considered were gold, base metals and uranium.

#### 9.0 EXPLORATION COMPLETED DURING CURRENT REPORTING PERIOD

During the reporting period about 12kms of geological survey and 1:10000 mapping was completed. Some samples and photos were taken during the survey. Quartz vein and ferritization was found near the Giant Reef fault. The host rock is Chilling Group sandstone. Following the geological survey CALR believe EL27041 has potential for gold, uranium and base metals.

Table 3: Sample Locations and description

No.	coordinate (GDA94)		Lithological Character	Remarks
NO.	X	Y	Littiological Character	Remarks
B1	13°53'53.90"	130°40'20.49"	Chilling sandstone	
В2	13°54'4.47"	130°40'6.60"	Chilling sandstone	
В3	13°54'18.61"	130°40'4.22"	Chilling sandstone	
B4	13°54'37.67"	130°40'19.34"	float stone,Strong silicification, limonite siliceous rocks	
В5	13°55'32.16"	130°40'42.93"	float stone,Strong silicification, limonite siliceous rocks	
В6	13°57'26.30"	130°39'46.94"	rhyolite	
B7 13°5	13°57'38.68"	130°39'17.36"	Silicide granite, a small amount of fine quartz vein with	
	13 37 38.08		limonite	
B8 13	13°57'55.97"	130°39'12.72"	Silicide granite, a small amount of fine quartz vein with	
			limonite	
В9	13°58'13.96"	130°39'8.73"	Silicide granite, a small amount of fine quartz vein with	
			limonite	
B10	13°58'37.95"	130°39'52.63"	Ti-Tree Granite	

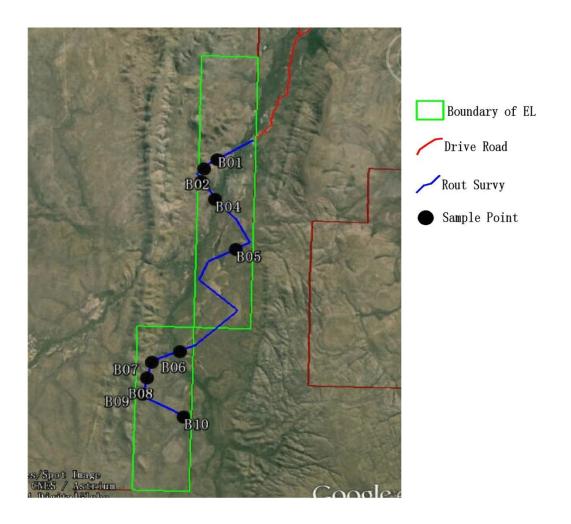


FIG.3 geological survey map of EL27041

## :.0 EXPENDITURE STATEMENT

Exploration expenditure on the tenement from 2<sup>nd</sup> June 2013 to 1<sup>st</sup> June 2014 totalled \$ 38000.

## 9.0 PROPOSED PROGRAMME AND BUDGET FOR NEXT YEAR

The proposed program will focus on gold, Uranium, and base metals exploration and include the collection and processing of about 50 soil samples to increase the sample density to adequately assess the potential for the presence of gold, Uranium and base metals etc.

Admissible	Specify the work to be undertaken	\$AU
Expenditure	Specify the work to be undertaken	Proposed
1. Geological	geological survey 5 km and 1:10000 mapping 2km <sup>2</sup>	
Activities and	and processing of about 50 soil samples,	30000
Prospecting		
	literature search, reprocessing of data from	
2. Office Studies	previous owners and DME, general research,	15000
	reports preparation and data base set up.	
3. Overheads (not to		
exceed 15% of the		8000
sum of A to H		8000
above)		
Total		53000

## **10.0 REFERENCES**

Edgoose CJ, Fahey GM and Fahey JE, 1989: Moyle 4969, 1:100 000 Geological Map Series, Explanatory Notes. NT Department of Mines And Energy, Darwin.

Edgoose CJ, Fahey GM and Fahey JE, 1989: Wingate Mountains 5069, 1:100 000 Geological Map Series, Explanatory Notes. NT Department of Mines And Energy, Darwin.