

# **Annual Report**

**Exploration Licence 29288**

***Holder: CHINA AUSTRALIA LAND RESOURCES PTY LTD***

***Operator: CHINA AUSTRALIA LAND RESOURCES PTY LTD***

***Reporting Period: 10<sup>th</sup> September 2012 to 9<sup>th</sup> September 2013***

***Sheet Reference: 1:250,000 VICTORIA RIVER DOWNS ( SE52-04)***

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**Date: 9<sup>th</sup> September 2013**

**Report No:**

**Copies To: Department of Mines and Energy- NT**

***China Australia Land Resources Pty Ltd***

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## ATTACHMENT OF CONTENT

### RESULT OF FPXRF

*SUMMARY*

*EL29288 was granted to CHINA AUSTRAL LAND RESOURCES PTY LTD 10th September 2012. This report represents Year One of the Licence.*

*Exploration Licence 29288 is situated on the Victoria River Downs (SE52-04) 1:250,000 geological mapsheet in the Northern Territory. Which can be gained via a well maintained track which links Birrimba Station with the Buntine Highway. But the mineral sampling must be conducted with the use of a helicopter.*

*During the reporting period, 47 soil geochemical samples were analyzed, and about 20km geological survey completed.*

*The proposed program for the 2<sup>nd</sup> year includes the collection and processing of about 50 soil samples to increase sample density to adequately assess the potential of the licence to contain base metal .*

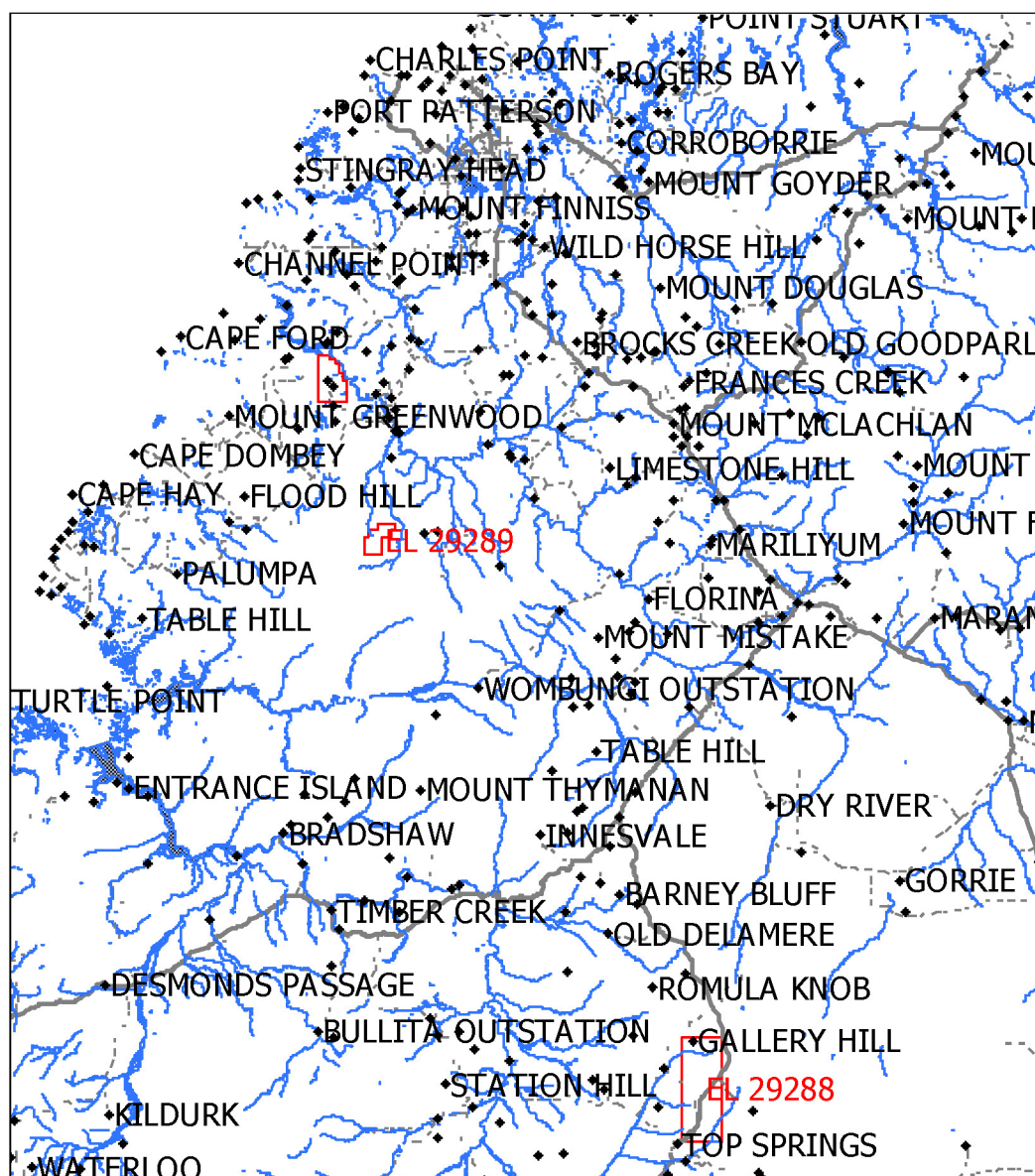
*The total expenditure for the Licence amounted to \$46937.2.*

## **1.0 INTRODUCTION**

This annual report outlines exploration activities undertaken by China Australia Land Resources Pty Ltd (CALR) on Exploration License 29288 between the 10th September 2012 and 9th September 2013. This period represents Year One of the license.

## **2.0 LOCATION AND ACCESS**

Exploration Licence 29288 is located 20km east of Top Spring on the Victoria River Downs 1:250,000 map sheet. The licence covered an area of over 900 sq km prior to partial reduction and is part of the greater Pigeon project area. Access to EL29288 can be gained via a well maintained track which links Birrimba Station with the Buntine Highway. One or two subordinate access tracks associated with Birrimba Station also cross the license. All sampling activities was conducted with the use of a helicopter.



**FIG.1 Location map of EL29288**

### 3.0 LICENCE DETAILS

EL29288 consists of 216 sub-blocks, and was granted to China Australia Land Resources Pty Ltd on 10<sup>th</sup> September 2012 for a period of six years. License details for EL29288 are outlined in Table 1 below.

**Table 1: License Details for EL29288**

Name	Status	Grant Date	Expiry Date	Current Blocks	Area (sq km)	Holder	Percentage
EL29288	granted	10/09/2012	09/09/2018	216	711.92	China Australia Land Resources Pty Ltd	100

#### **4.0 PHYSIOGRAPHY and GEOLOGY**

The licence falls within the Victoria River plains and benches sub-unit of the Victoria River Plateau. The area is dominated by a low undulating land surface, created by the weathering of basal and limestone. The Armstrong River is the main drainage in the area. Vegetation is generally only a few meters in height, although dense woodland can be found along more substantial water courses.

The oldest unit within the licence is the Proterozoic Battle Creek Formation. This unit consists of dolomite and calcareous shales, which crop out in the west of the licence.

Most of the licence is covered by various units of the Antrim Plateau Volcanics (APV). The area is dominated by massive and porphyritic basalt, which in places contains interbedded chert and crystalline limestone, particularly near the Armstrong River. The Cambrian Montejinni Limestone unit unconformably overlies the APV, and crops out along the eastern margin of EL29288.

Small outliers of the Cretaceous Mullaman beds occur within EL29288, usually overlying the Montejinni Limestone.

## **5.0 PREVIOUS EXPLORATION**

### **5.1 Preliminary geological and geophysical studies**

CR19950188 CR20091047 CR20101083 CR19680048 CR19700047 CR1972005  
CR19680035 CR20040042 CR20040041 CR20040729 CR19980211 CR1999010  
CR19980212 CR19970085 CR19990177 CR19980465 CR19970411 CR1997041  
CR19980625 CR19980624 CR19980626 CR19970529 CR19990179 CR1999017  
CR19980460 CR19970362 CR19970559

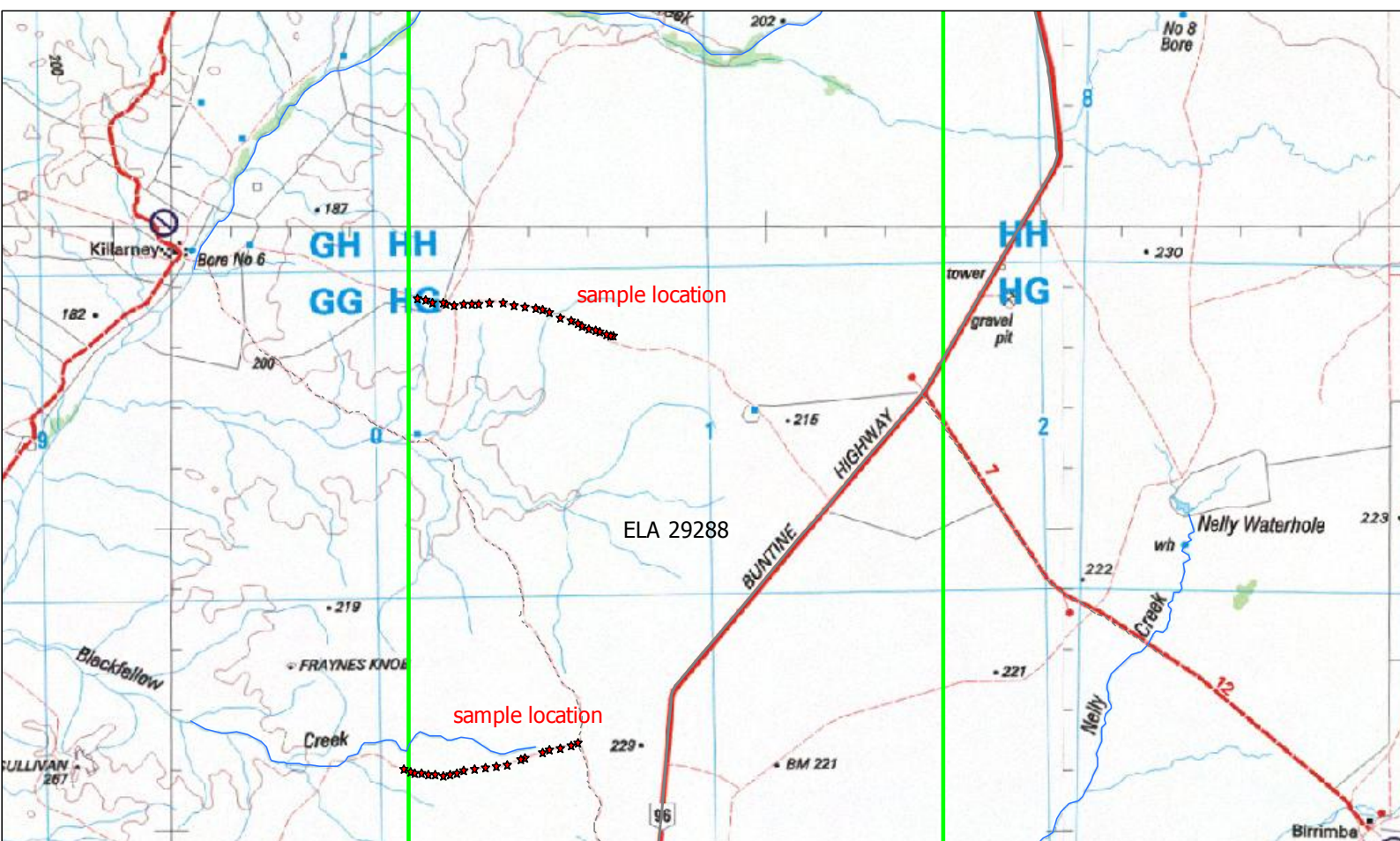
### **5.2 Previous exploration summary**

Previous exploration includes some base metal such as copper etc. exploration by Ashton Mining , CRA and stream geochemical base metal exploration by Metals Exploration N.L Freeport of Australia INC, Tipperary Land Corporation, NT Mining Consultants PTY. LTD, Stockdale Prospecting Limited. Some stream sediment survey and heavy bulk sampling have been done in the area. Because of the negative result, these companies decided to do relinquishment decision at last.

## **6.0 EXPLORATION COMPLETED DURING CURRENT REPORTING PERIOD**

During the reporting period 47 soil geochemical samples were analyzed, and about 20km geological survey completed. The soil samples were analyzed utilising a Niton Field Portable X-ray Fluorescence Analyser (FPXRF).

The results are shown in attachment 1. The result of the analysis is negative.



**FIG.2 Sample location map of EL29288**

## 7.0 EXPENDITURE STATEMENT

Exploration expenditure on the tenement from 10th September 2012 to 9th September 2013 totally was \$ 46937.2.

## 8.0 PROPOSED PROGRAMME AND BUDGET FOR NEXT YEAR

The proposed program will focus on base metal exploration and include the collection and processing of about 200 soil samples to increase the sample density to adequately assess the potential for the presence of Cu, Zn, Cu etc.



**Table 2 The Next Year Exploration Work and Expenditure**

<b>Admissible Expenditure</b>	<b>Specify the work undertaken</b>	<b>\$AU Claimed</b>
Geological Activities and Prospecting	Route geological survey 20 km	15590.4
Geochemical Activities	20 rock chips analysis	1200
Geophysical and Remote Sensing Activities	XRF tests	10146.8
Office Studies	48 days including literature search, reprocessing of data from DME, general research, data base set up and reports preparation.	4000
Overheads (not to exceed 15% of the sum of A to H above)		3000
(Preliminary Exploration – Yr 1)		13000
<b>Total</b>		<b>46937.2</b>

## 9.0 REFERENCES

BROWN, M.C. 1969. Daly Water, Northern Territory, 1:250,000 Geological Series Explanatory Notes. Bureau of Mineral Resources, Canberra..