

FINAL REPORT

EXPLORATION LICENCE 29287

McArthur River

Map Sheet: 1 :250,000 BAUHINIA_DOWNS(SE53-03)

CHINA AUSTRAL LAND RESOURCES PTY LTD

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1.0 SUMMARY

The objective of the exploration on EL 29287 was to explore Pb, Zn, Cu etc. Exploration Licence 29287 is situated on the Bauhinia Hodgson Downs (SD53-14), Mount Young (SD53-15), Tanumbirini (SE53-02), and Hongson_DOWNS (SD53-14) mapsheets in the Northern Territory. During the reporting period, a total of 20 soil geochemical samples were analyzed, and a geological survey completed. After a review of the on ground exploration and desktop studies, CALR has decided to relinquished the exploration licence.

2. LOCATION & ACCESS

Exploration Licence 29287 is situated approximately 130km west of Borroloola, NT, and on the Bauhinia Hodgson Downs (SD53-14), Mount Young (SD53-15), Tanumbirini (SE53-02), Bauhinia Downs(SE53-03) 1:250,000 geological map sheet in the Northern Territory,. The project area can be reached from Darwin along the Stuart Highway to Daly Waters, the along the Carpentaria Highway to the broadmere station turn off. Dirt roads and station tracks service the project area.

3. TENEMENT STATUS

EL29287 was granted to CALR and became effective for a six year period from 10th September 2012. Although the exploration licence is still in the period of validity, CALR has decided to surrender EL29287

4. REGINAL GEOLOGY

The Project lies in the Proterozoic McArthur Basin. The Roper Group succession represents Proterozoic section of the Project's geology. Resting unconformably above the Proterozoic succession are flat lying units of Cambrian Bukalara and Cox Formations and Cretaceous sediments of Dunmarra Basin.

The north-south trending Cox Fault marks the northeastern boundary of the EL29287. However, the Mantungula Fault which is parallel to the Cox Fault and is located to its east just touches the south-eastern boundary of the EL29287. It is expected that the Cox and Mantungula Faults extends further to the south and are likely concealed under the widespread outcropping Cambrian Bukalara and Cox Formations.

Rock types in the Cox Project Group area are predominantly sandstones and minor siltstones of the Roper Group, Cambrian Bukalara Sandstone and Cox Formation and Lower Cretaceous sediments. Bedrock units are commonly covered by laterite, lateritic soils and Quaternary deposits. The area is of low relief, being drained by the Cox River and exposure is relatively poor.

Several north trending, pre-Cretaceous faults transect the eastern parts of the tenement area. Sediments are only gently folded, with bed dips rarely exceeding 15 degrees.

5.0 PREVIOUS EXPLORATION

The oldest geological survey was held by Geopeko in 1965-1966 as part of a larger A.P. A report by B.T. Williams indicates that the area was taken up by Geopeko to investigate the possibility that dolomites might be present which resembled those at McArthur River, as a target for lead-zinc exploration. This work pre-dated the publication of the final B.M.R. 1:250,000 Tanumbirini geological map sheet. A photo interpretation map was prepared and a short field visit to check on lithologies was made. A petrological study of three specimens from the Tanumbirini Volcanic Member demonstrated that rocks of this Member represented “remobilized and segregated sands and muds”. From this it was concluded that the Member did not represent a source rock for mineralization.

Kenneth McMahon and Partners examined and reported on the area in 1968. Geochemical results of only those stream sediment samples considered significant, totaling 26 in number, are reproduced in their report, the analyses being performed by sampey. The metal values of these are all very low.

Many companies have done some surveys in this area, including Australia Geophysical Pty. Limited in 1968, C.R.A Exploration Pty. Limited in the 1970's, Western Mining Corporation Limited surveyed in 1980's for copper, Aberfoyle Exploration Pty Ltd and M.I.M. Exploration Pty. Ltd surveyed in the 1990's for diamond and base metals, but no significant results were reported. More recently companies such as Astro Mining NL and Legend International Holdings surveyed, but no base metal occurrences were identified.

6.0 EXPLORATION COMPLETED DURING 2013-2015

During the reporting period 20 soil geochemical samples were analyzed, and a route geological survey was completed. The soil samples were analyzed utilising a Niton Field Portable X-ray Fluorescence Analyser (FPXRF), but no significant results were returned.

7 EXPENDITURE

Exploration expenditure on the tenement from 10th September 2012 to 24th September 2015 was \$117,310.10.

8 Conclusions and Recommendations

After analyses of the field work and desktop research, CALR has decided to surrender this exploration licence.

9 References

Gravity Diamonds Ltd, (2008) Annual Report on Exploration Activities Year One of Tenure from 20th September 2007 to 19th September 2008.

Gravity Diamonds Ltd, (2009) Annual Report on Exploration Activities Year Two of Tenure from 20th September 2008 to 19th September 2009.

Abello, J. (2010) Cox Project Combined Annual Report for the Period 5th August 2009 to 4th August 2010, Ref: GR138/9 Legend International Holdings Inc.

Kammermann, M. (2011) Abner Project Combined Annual Report for the Period 3rd August 2010

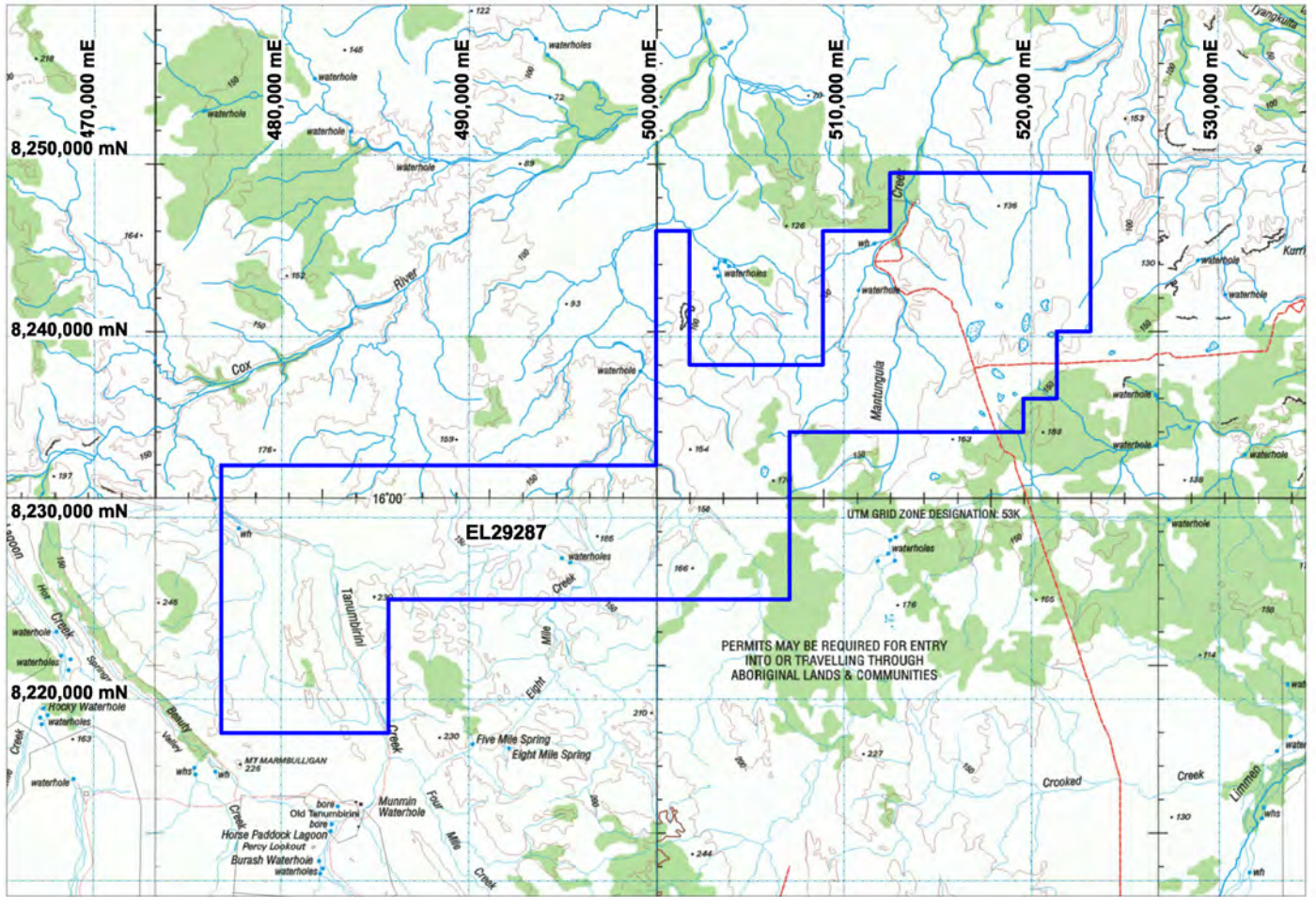
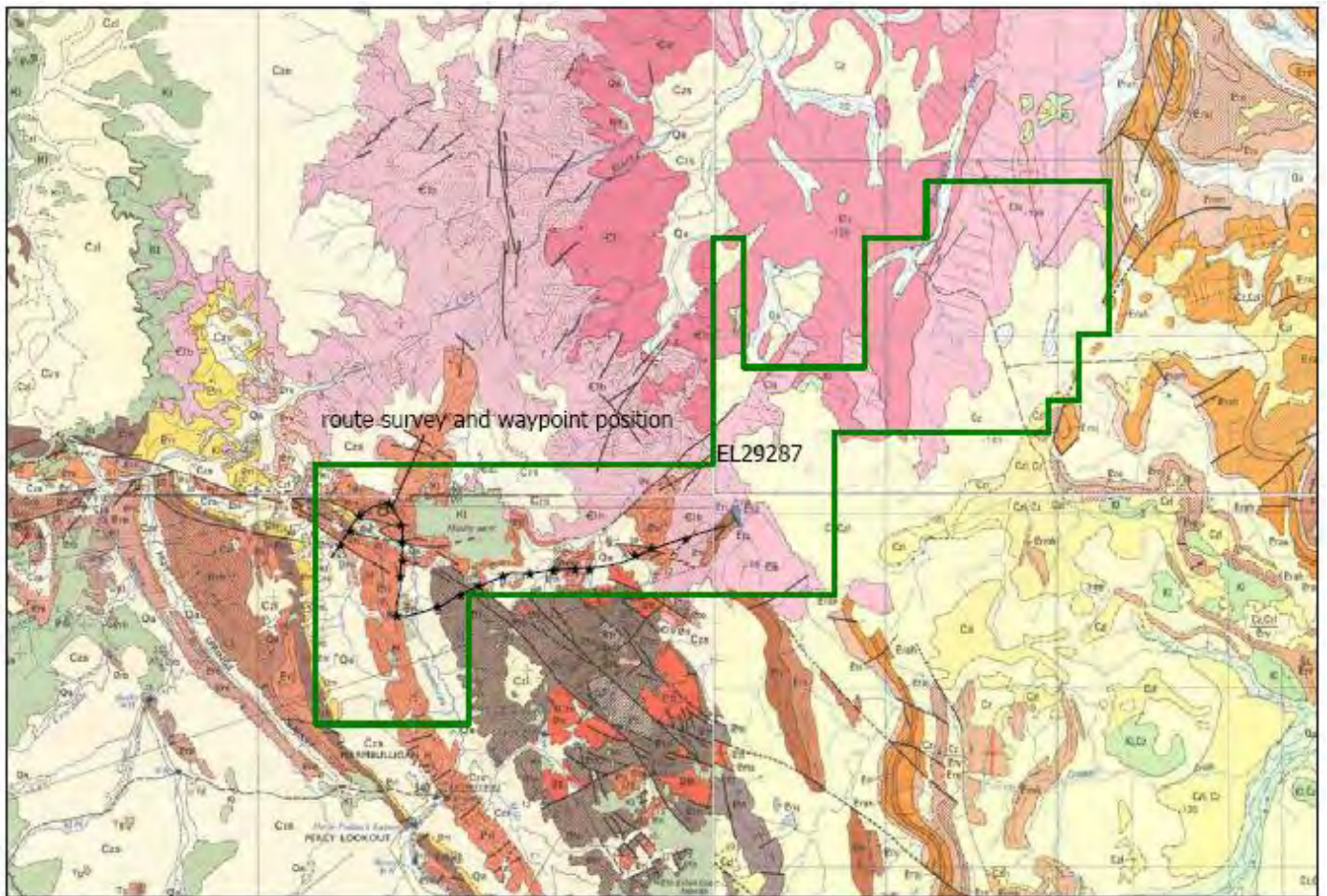
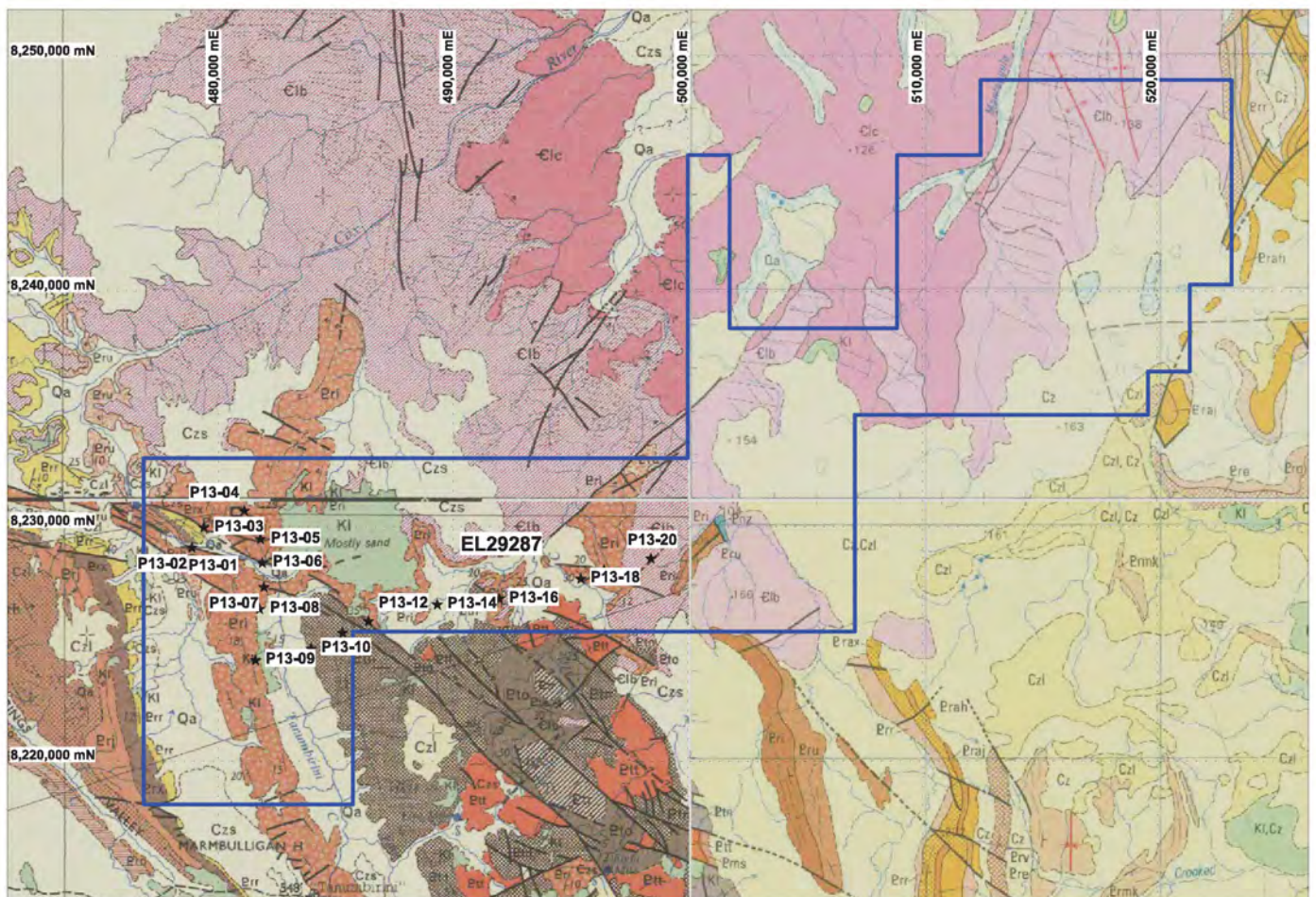


Figure 3 NQECVKQP 'O CR'OF EL29287



'''Figure 2 ROUTE SURVEY AND WAYPOINTS



'''Figure'5 UCO RNG'NQECVHQPU

Appendix 1 Details of waypoint survey

(Data produced from the geological survey)

No.	coordinate		Type Of Point	XRF Result					Remarks
	longitude	latitude		Au (10^{-9})	Ag (10^{-9})	Cu (10^{-6})	Pb (10^{-6})	Zn (10^{-6})	
P13-01	134° 47' 49"	-16° 01' 29"	Fault	1.1	0.044	9.1	16.9	12.7	
P13-02	134° 48' 09"	-16° 01' 03"	Fault、Lithology	1.0	0.036	7.9	2.0	12.5	
P13-03	134° 48' 26"	-16° 00' 35"	Fault、Lithology	1.2	0.043	5.6	2.0	10.4	
P13-04	134° 49' 24"	-16° 00' 12"	Lithology	0.8	0.038	7.3	45.3	12.4	
P13-05	134° 49' 47"	-16° 00' 51"	Fault、Lithology	1.4	0.046	7.6	41.3	13.2	
P13-06	134° 49' 50"	-16° 01' 24"	Qa	0.8	0.050	6.5	2.0	11.9	
P13-07	134° 49' 52"	-16° 01' 58"	Lithology	1.6	0.044	6.2	2.0	10.3	
P13-08	134° 49' 46"	-16° 02' 28"	Qa	0.8	0.037	3.3	2.0	10.2	
P13-09	134° 49' 40"	-16° 03' 39"	Lithology	0.5	0.023	1.9	84.6	36.8	
P13-10	134° 50' 60"	-16° 03' 23"	Qa	1.8	0.081	68.3	89.0	125.6	
P13-11	134° 51' 45"	-16° 03' 01"	Lithology	1.8	0.048	3.4	2.0	14.3	
P13-12	134° 52' 22"	-16° 02' 45"	Fault、Lithology	1.8	0.048	6.9	2.0	12.4	
P13-13	134° 53' 08"	-16° 02' 25"	Qa	0.5	0.050	7.4	70.6	17.6	
P13-14	134° 54' 01"	-16° 02' 22"	Qa	0.8	0.053	10.6	4.5	21.5	
P13-15	134° 54' 47"	-16° 02' 16"	Qa	1.2	0.050	9.7	2.4	17.8	
P13-16	134° 55' 30"	-16° 02' 14"	Lithology	1.1	0.046	8.5	7.9	16.6	
P13-17	134° 55' 58"	-16° 02' 14"	Qa	1.9	0.043	10.5	2.4	14.3	
P13-18	134° 57' 27"	-16° 01' 46"	Qa	1.5	0.038	11.8	2.9	18.6	
P13-19	134° 57' 60"	-16° 01' 34"	Fault、Lithology	3.1	0.065	11.7	10.3	17.2	
P13-20	134° 59' 07"	-16° 01' 18"	Lithology	2.2	0.051	8.1	8.1	19.8	