

EL28813 FIRST ANNUAL REPORT

For period from 21/12/2011 to 20/12/2012
'PINE CREEK WEST'
PROJECT NT

Pine Creek SD5208 1:250,000

Commodity: Gold, Copper, Tin

Titleholder: Tropical Resources Pty. Ltd

Report No. 2013-007
Tropical Resources Pty. Ltd
By Mingjin HOU
18th February 2013

CONTENTS

1. SUMMARY	1
2. LOCATION AND ACCESS	1
3. TENEMENT STATUS AND OWNERSHIP	3
4. GEOLOGY	4
5. PREVIOUS EXPLORATION	5
6. EXPLORATION DURING YEAR 1	5
7. PREPARING EXPLORATION FOR YEAR 2	5
8. EXPENDITURE.....	6
9. CONCLUSION AND RECOMMENDATION	7
10. REFERENCES.....	7

List of Figures

Figure 1 Tenement Location Map of EL 28813.....	2
Figure 2 The blocks of EL28813.....	3
Figure 3 Geology map of EL28813	4

List of Photos

Photos1-2, the old trench and waste rock in SE corner of the EL28813.....	6
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List of Tables

Table 1 Expenditure on EL28813.....	7
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1. SUMMARY

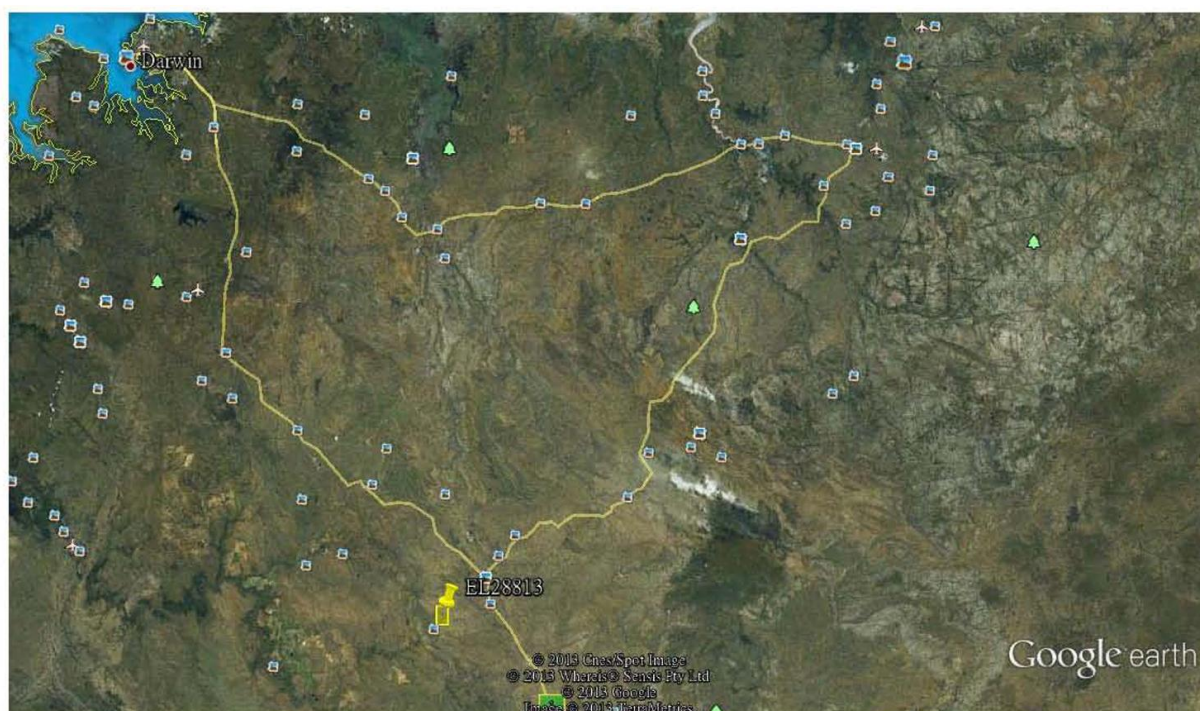
EL 28813 is 21km west of the Pine Creek Township within the Pine Creek Orogeny. Tropical Resources Pty. Ltd applied for EL28813 primarily to explore for vein-hosted Au mineralization and secondly to evaluate the potential for other types of economic mineralization such as Cu and Sn.

Work during Year 1 of tenure consisted of a review of NTGS data and Open File Company reports (geological and geophysical), and short time field trip.

Work during Year 2 will include field reconnaissance, data evaluation and progressing to geological and geophysical survey.

2. LOCATION AND ACCESS

EL28813 is located approximately 15km west of the Pine Creek Township and 190km SSE of Darwin, NT. (Figure 1). Access is along the Umbrawarra Road toward Douglas Daly from Pine Creek via Stuart Highway from Darwin. Topography is plains with some hills but the relative elevation is less 100m, several rivers cross the land. Access is advisable in the dry season and also during wet season but cross several creek by four-wheel drive truck with wader.



Google earth

miles 100
km 100

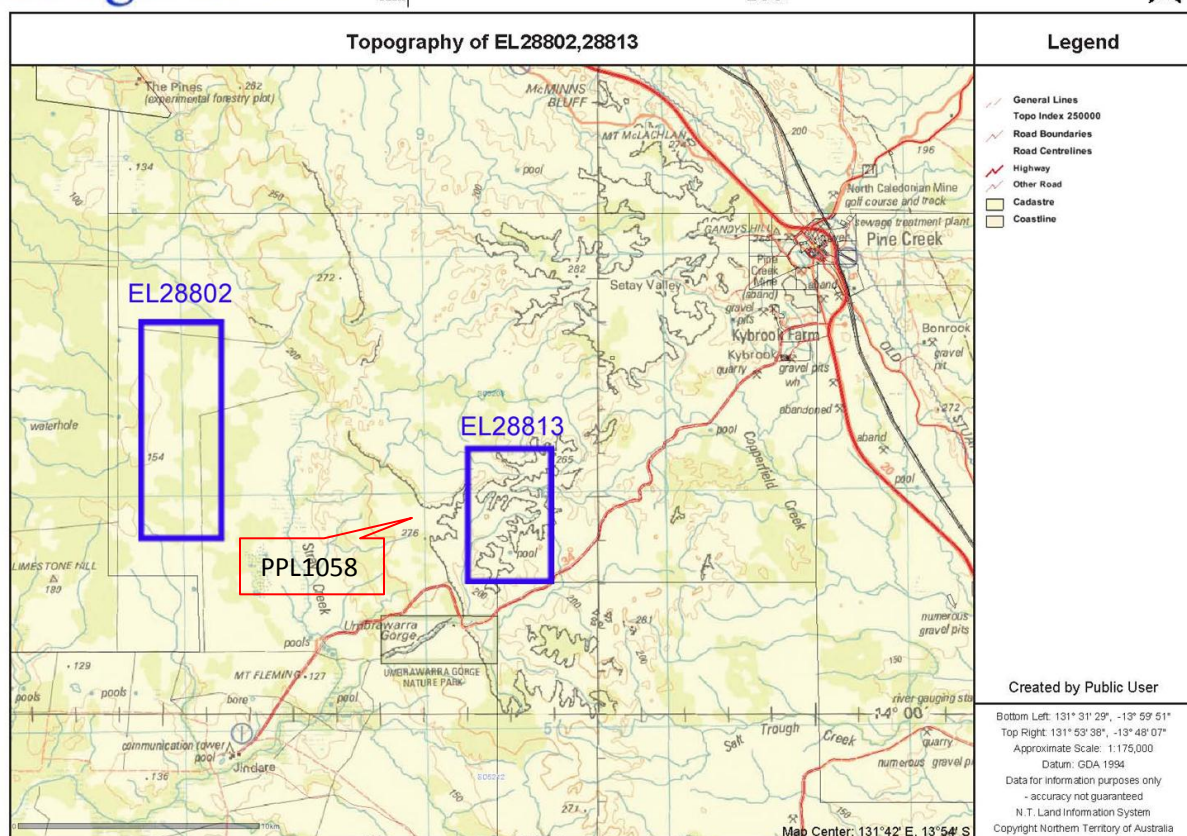


Figure 1 Tenement Location Map of EL 28813

3. TENEMENT STATUS AND OWNERSHIP

EL 28813 was granted on 21th December 2011 and expires on 20th December 2017 for a term of six years. It comprises 6 graticular blocks (19.87 sq km). There are no other mining leases or mineral claims shown within the Licence boundaries.

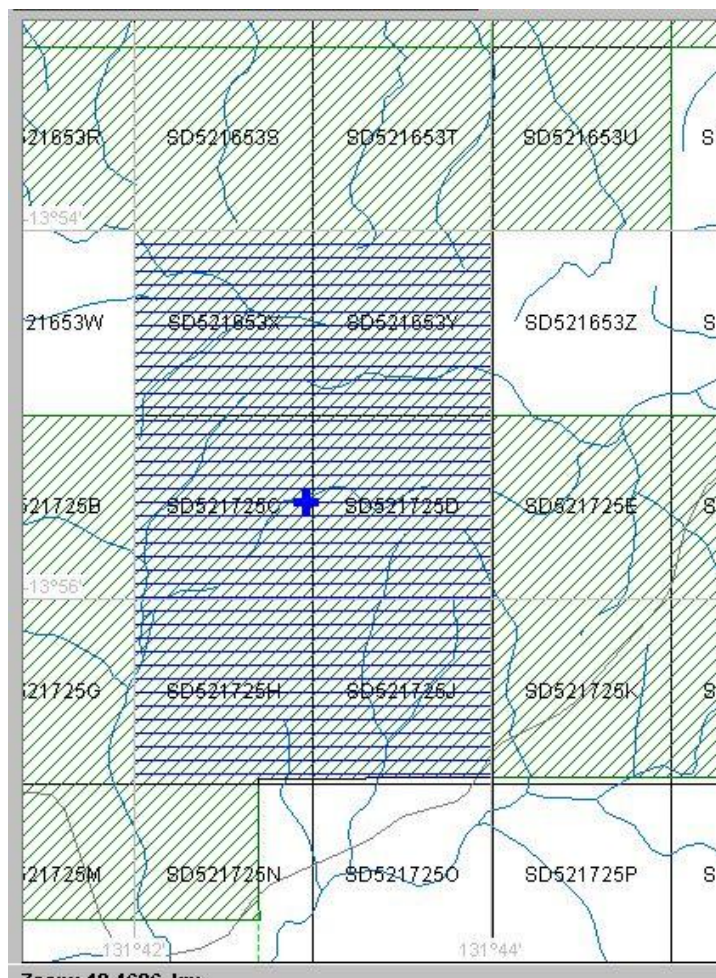


Figure 2 The blocks of EL28813

Underlying cadastre is only one Perpetual Pastoral Lease. Landholder show below:
NT Portion 709, Perpetual Pastoral Lease 1058, Douglas Daly (Figure 1).

The expenditure covenant set for the first year was \$12,000.

4. GEOLOGY

EL 28813 is situated within the Pine Creek Geosyncline, a tightly folded sequence of Lower Proterozoic rocks. A full description of the geology and stratigraphy of the Pine Creek Geosyncline can be found in several texts, including Ahmad et al., (1993; Ahmad, 1998), which covers the 1:250,000 Pine Creek Sheet. More detailed mapping and explanatory notes cover the 1:100,000 Tipperary sheet (Whitehead B.R., Mulder, C.A., 1988).

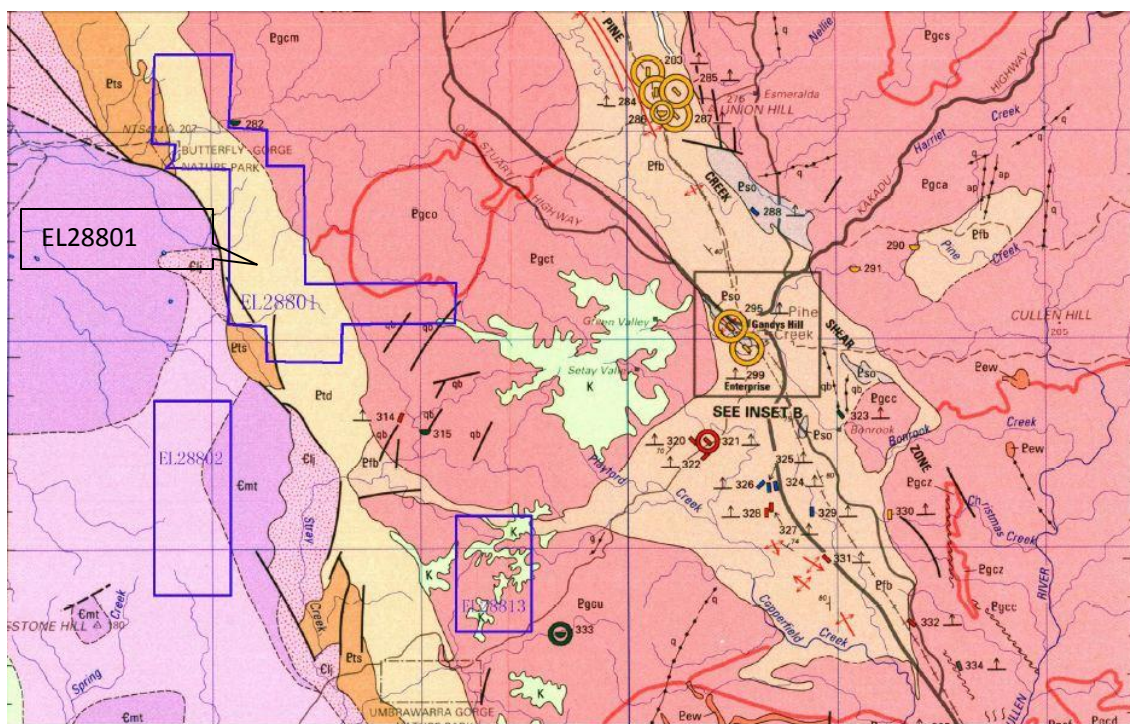


Figure 3 Geology map of EL28813

The main part of EL28813 is dominated by the Umbrawarra Granite, which is a light grey to pink, medium, porphyritic to equigranular biotite-muscovite granite dominated pluton (Wyborn, 2002). There is few sedimentary occurrence just a few Cretaceous red formation.

The Pine Creek Shear Zone transects the tenement and is a major regional structure mapped as a D3 fault (Ahmad et al., 1993). The metasediments within

the shear zone are chloritic and show vertical cleavage, while granites in the shear zone have discrete fault breccias and mylonite zones. There is evidence of movement along the Pine Creek Shear Zone after granite emplacement. Mapping by Goldfields Exploration noted the area is dominated by relatively tight, south-plunging folds. The Bonrook fault is adjacent to the Bonrook Granite and is characterized by a 2-3m quartz vein.

5. PREVIOUS EXPLORATION

There is few work has been done on this area (There is no technical report concerning this area from the NT DME).

6. EXPLORATION DURING YEAR 1

During the first year of tenement work done on EL28813 included literature review and data compilation. Tropical Resources exploration consisted of historical data compilation including tenure, datasets and geo-referencing of relevant maps. A short field trip was taken during May.

7. PREPARING EXPLORATION FOR YEAR 2

Working program for Year 2 included:

- a) Some geological surveying
- b) Proposal Geophysical survey after Geological survey
- c) Proposal IP Section survey

Expenditure is expected to be at least \$28,000.



Photos1-2, the old trench and waste rock in SE corner of the EL28813

8. EXPENDITURE

Expenditure consisted of:

Table 1 Expenditure on EL28813

Ground Geological survey	\$2,000.00
Office studys	\$9,000.00
Overheads	\$1,000.00
TOTAL	\$12,000.00

9. CONCLUSION AND RECOMMENDATION

The exploration target is Gold, Cooper and base metals. However through analysis of historical exploration data and superficial traversing of EL28813, there are no quartz vein or shear zone which host Gold mineralisation. TRC geologist plan to undertake some geological mapping and a geophysical survey with a particular focus on Cu and Sn mineralisation.

10. REFERENCES

Carson, C. Scrimgeour, I., Goldberg, A., Stern, R., and Worden, K., 2006. Western Pine Creek Orogen (Litchfield Province) – recent advances and regional correlations. Annual Geoscience Exploration Seminar (AGES) 2006, *Record of Abstracts. Northern Territory Geological Survey, Record 2006-002.*

Whitehead B.R., Mulder, C.A., 1988. Tipperary 5170 Explanatory Notes. 1:100,000 Geological Map Series, Northern Territory Geological Survey.

Ahmad, M., Wygralak, A.S., Ferenczi, P.A., and Bajwah, Z.U. 1993. Explanatory

*Notes and Mineral Deposit Data Sheets. 1:250,000 Metallogenic Map Series,
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Pietsch, B.A., and Edgoose, C.J., 1988. The Stratigraphy, Metamorphism, and Tectonics of the Early Proterozoic Litchfield Province and Western Pine Creek Geosyncline, Northern Territory. *Precambrian Research*, Vol 40/41, pp 565 – 588.

Wyborn, L.A.I., 2002. Granites and Copper Gold Metallogenesis in the Australian Proterozoic. *Geoscience Australia Record* 2001/12.