EL28791 PARTIAL RELINQUISHMENT REPORT

For period from 21/12/2011 to 20/12/2013
GEORGINA BASIN PROJECT NT

Brunette Downs SE5311 1:250,000
Mount Drummond SE5312 1:250,000

Titleholder: Tropical Resources Pty. Ltd

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Tropical Resources Pty. Ltd
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1. SUMMARY

EL 28791 is about 4km just east of the Tableland Highway (No.11). Tropical Resources Pty Ltd applied for EL28791 primarily to explore for Diamond, Gold and secondly to evaluate the potential for other types of economic mineralisation such as Iron and Phosphate. Work during Year 1 of tenure consisted of a review of NTGS data and Open File Company reports (geological and geophysical), and a short field trip. During year two, TRC began talks a Chinese Company regarding a joint venture.

2. LOCATION AND ACCESS

EL 28791 is about 910Km of SSE140° of Darwin, and about 260km of NEE66° of Tennant Creek, about 120km of north side of the Barkly Highway (Figure 1). There is just about 30km east side of Tableland Highway (No.11). Access is along the Tableland Highway via Barkly Highway and Stuart Highway from Darwin. There are several rough road can be reach to the Lease. Topography is plains with some hills but the relative elevation is less 50m, several rivers cross the land. Access is advisable in the dry season only.

The tenement has numerous creeks which can flood in heavy rains during the wet season.
Figure 1 Location of EL28791 in Topography (retained blocks in blue polygon)
3. TENEMENT STATUS AND OWNERSHIP

EL 28791 was granted on 21th December 2011 and expires on 20th December 2017 for a term of six years. It comprises 142 graticular blocks (772.98 sq km). There are no other mining leases or mineral claims shown within the Licence boundaries.

After data review and field trips, TRC has decided to reduce EL 28791 from 142 blocks to 71 blocks (231.1 sq km).

Figure 2 Retained blocks (pink polygon) of EL28791
Underlying cadastre is mainly Pastoral Lease. Landholders show below: 1-NT Portion 561, Special Pastoral Lease 573, Nicholson; 2-NT Portion 1483, Perpetual Pastoral Lease 925, Nicholson; 3- NT Portion 1033, Perpetual Pastoral Lease 962, Nicholson;) (Figure 3).

Figure 3 Landholders and Lease Numbers displayed inside EL 28791

4. GEOLOGY

EL28791 is situated within the Georgina Basin, a wildly folded sequence of Cambrian rocks. The 1:250,000 Geological maps cover the tenement area (Brunette Downs, 1966 and Mt. Drummond, 2006) (Figure 4).
All of the economic diamond deposits and other significantly diamondiferous occurrences in Australia occur on the North Australian Craton (“NAC”). The NAC underlies the Kimberley region of northern WA, the northern two thirds of the NT and the north western part of Queensland. It is also host to many significant base metal, gold and uranium deposits. The NAC was formed at about 1850Ma during the Barramundi Orogeny by the amalgamation of Archaean and early
Proterozoic rocks which now form the basement rocks to the younger sequence. Proterozoic (1820-1600Ma) platform cover sediments, Palaeozoic volcanics and sediments, and Mesozoic sediments cover these basement rocks.

The Georgina Basin is one such platform cover which developed above the NAC between 1800-1500Ma. Its sedimentary package consists of unmetamorphosed and less intensely deformed rocks of carbonate, siliciclastic and interbedded volcanics deposited in a shallow intracratonic basin.

The Georgina Basin is overlain by the remnants of the Cambrian Barkly Group Ranken Formation Limestone: Bioclast, bioclast rudestone; Grey Biological Dolomite, rudestone, Sandstone; and Cambrian Helen Springs Volcanic Rocks. There is a widespread distribution of Cenozoic Limestone, dolomite; and sandy soil, laterite and alluvium cover.

5. PREVIOUS EXPLORATION

Exploration has been carried out in the area since 1984, and several companies worked on this area (shown in Table 1). Exploration primarily involved rock chip, soil and stream sampling for Diamond, gold and some base metal analysis.

<table>
<thead>
<tr>
<th>EL Number</th>
<th>Expiry Date</th>
<th>Company Reports</th>
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6. EXPLORATION DURING YEAR 1

In 2012, Tropical Resources exploration consisted of historic data compilation including tenure, datasets, open file reports and geo-referencing of relevant maps. This enabled an informed review of the tenements prospectively in regards to Diamond and Gold, Iron and Phosphate. Field reconnaissance was also completed.

7. EXPLORATION DURING YEAR 2

In 2013, Tropical Resources exploration consisted of historical data compilation and field reconnaissance with a potential joint venture partner.

8. CONCLUSION AND RECOMMENDATION

After a review of all available data and reconnaissance trips, TRC has decided to reduce EL28791 from 142 blocks to 71 blocks. The areas relinquished do not contain any interesting outcrop.

9. REFERENCES


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