NORTH RENNER SPRINGS
EXPLORATION LICENCE 23624

PARTIAL
RELINQUISHMENT REPORT

Helen Springs SE53-10 1:250,000 Sheet
Helen 5660 1:100,000 Sheet

NORTHERN TERRITORY

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1. SUMMARY

Work undertaken by Bootu Creek Resources Pty Ltd within the relinquished area of North Renner Springs EL23624 comprised an inspection during the 2004 field season.

Results indicate the area is not underlain by the manganese prospective Shillinglaw Formation. On this basis, this area of EL23624 was recommended for relinquishment prior to the 24 February 2005 anniversary date.

Eleven blocks were relinquished. They are:

- SE531892 X to Z;
- SE531964 C to D;
2. INTRODUCTION

This partial relinquishment report describes exploration activities conducted by Bootu Creek Resources Pty Ltd within the relinquished area of Exploration Licence 23624.

Exploration Licence E23624, covering 22 graticular blocks or a total of 71.5 square kilometres, was granted for a 6-year term on 24th February 2003. The tenement is located approximately 25 km northwest of Renner Springs and 15 km west of the Stuart Highway (Figure 1).

Access to the tenement is from the south through EL9975, which is held by Bootu Creek Resources. A track established for a drilling campaign conducted mid last year within EL9975 runs to within about 3km of the southern boundary of the North Renner project area. From here, areas of interest within EL23624 were reached by navigating across country.

3. REGIONAL GEOLOGY

The regional geology is described in the 1:250,000 Helen Springs SE53-10 Explanatory Notes by Hussey et al (2001). The area under tenure is on the western side of the Helen Springs sheet, and large portions of the tenement is covered by Cainozoic and Quaternary sediments underlain by a number of Proterozoic units of the Namerinni and Renner Groups (Figure 1). The Proterozoic sediments have been gently folded into a series of regional N to NNW trending anticlines. Hussey et al (2001) noted NNW, NNE and NE – trending faults that form elongate fault blocks throughout the area.

4. LOCAL GEOLOGY

Outcrop of Proterozoic units is confined to the south central and northeastern portions of the tenement and comprises sediments of the Shillinglaw Formation. This Formation comprises thin to medium bedded sandstone, siltstone, quartzic dolostone, dolostone; stromatolithic bioherms and chert.

Manganese in the tenement occurs as replacements of dolomitic siltstone, sandstone and dolostone occurring in the basal section of the Formation. Similar lithologies form the focus to manganese exploration by Bootu Creek Resources in the tenement area.

5. EXPLORATION ACTIVITIES ON RELINQUISHED GROUND

Manganese replacement of dolomitic siltstone, sandstone and dolostone in the basal section of the Shillinglaw Formation forms the exploration target within the tenement.
Figure 1 Tenement Location & Regional Geology
Figure 2 Relinquished Area of EL23624
6. RESULTS & CONCLUSIONS

Within the relinquished area, an inspection of the outcrop exposures during the 2004 field season confirmed NTGS mapping that dominantly siliciclastics of the Powell Formation and Sweetwater Member of the Renner Group and of the Tomkinson Creek Beds underlie the relinquished areas.

No manganese occurrences nor iron or manganese staining that would suggest leakage from buried mineralisation was found within the area. The area thus have no prospectivity for manganese mineralisation.

As a result eleven graticular blocks covering this ground were relinquished. They are: SE531892 X to Z; SE531964 C to D; SE531964 H, SE531893 W, SE531965 B, SE531965 G, SE531965 M, SE531965 T.

7. REFERENCE