EL 28731

ANNUAL & FINAL REPORT

for period ended

20 October 2014

1:250,000 map sheet: SF53-02 Bonney Well

Licensee: Red Metal Limited

G. McKay

Red Metal Limited

7 November 2014
TENEMENT REPORT INDEX

HOLDER / OPERATOR: Red Metal Limited
TENEMENT: EL 28731, Mosquito Creek
REPORTING PERIOD: October 26, 2013 to October 20, 2014
AUTHOR: G. McKay
STATE: NT
LATITUDE: 134° 35’ to 134° 45’
LONGITUDE: -20°12’ to –20° 20’
1:250,000 SHEET: Bonney Well SF53-02
1:100,000 SHEET: Ooradidgee 5857
MINERAL PROVINCE: Tennant Creek Inlier
COMMODITIES: Cu Au
KEYWORDS: Data Review

COPYRIGHT
This report is the copyright of Red Metal Limited and is submitted under the NT Minerals Act 2010. Red Metal Limited authorises the NT Department of Mines and Energy to copy and distribute the report.
Table of Contents

SUMMARY............................................................................................................................... 1
1.0 INTRODUCTION........................................................................................................ 2
2.0 LOCATION AND LAND USE ................................................................................... 2
3.0 TENEMENT STATUS ............................................................................................... 2
3.0 TENEMENT GEOLOGY ........................................................................................... 3
4.0 HISTORICAL EXPLORATION................................................................................ 3
5.0 CURRENT EXPLORATION PROGRAM .................................................................... 3
6.0 CONCLUSIONS........................................................................................................... 3

List of Tables

TABLE 1: TENEMENT DETAILS....................................................................................... 3

List of Figures

Figure 1 EL 28731 location ......................................................................................... 2
Figure 2 EL 28731 on regional TMI image................................................................. 4
Figure 3 EL 28731 vertical gradient mag image......................................................... 4
Figure 4 EL 28731 mag anomaly modelling............................................................... 5

List of Digital Files
EL 28731 Final Report 2014.pdf (This report)
SUMMARY

EL 28731 was acquired to investigate aeromagnetic anomalies south-east of Tennant Creek within the Palaeoproterozoic basement rocks. The area is considered prospective for copper, gold and base metal mineralisation associated with Iron Oxide Copper Gold (IOCG) mineralising systems within the Proterozoic Warramunga Formation.

The work carried out on EL 28731 comprised a review of existing data. No field work was conducted.

The company decided to surrender the licence to concentrate efforts on higher priority tenements within the Tennant Creek inlier.
1.0 INTRODUCTION

This report summarises exploration activities undertaken over Exploration Licence 28731 for the third year of tenure to October 25, 2014 and previous years since grant.

2.0 LOCATION AND LAND USE

EL 28731, Mosquito Creek, is located 85 km south-east of Tennant Creek (Figure 1). Access is via unsealed roads and tracks within a pastoral lease. The tenement area has generally low relief, with the dominant historical and current land use being cattle grazing.

![Figure 1: EL 28731 location](image)

3.0 TENEMENT STATUS

EL 28731 was granted to Red Metal Limited on 26 October 2011 over 56 blocks for a period of six years. It covers vacant crown land under native title claim by the Kurundi People, represented by the CLC. The tenement has been reduced in area.

Details of EL 28731 are shown in Table 1. Location of the tenement is shown in Figure 1.


Table 1: Tenement Details

<table>
<thead>
<tr>
<th>TENEMENT</th>
<th>HOLDER</th>
<th>GRANTED</th>
<th>SURRENDERED</th>
<th>Blocks</th>
</tr>
</thead>
<tbody>
<tr>
<td>EL 28731</td>
<td>Red Metal Limited</td>
<td>October 26, 2011</td>
<td>October 20, 2014</td>
<td>29</td>
</tr>
</tbody>
</table>

3.0 TENEMENT GEOLOGY

The area is considered prospective for copper, gold and base metal mineralisation associated with Iron Oxide Copper Gold (IOCG) mineralising systems within the Proterozoic Warramunga Formation.

The tenement covers an area of thin Cainozoic cover overlying Cambrian units (chert, limestone, calcimudstone). Palaeoproterozoic basement units are considered to be the source of the magnetic and gravity anomalies and the potential host to ironstone associated gold-copper-bismuth mineralisation.

4.0 HISTORICAL EXPLORATION

Field exploration in the vicinity of EL 28731 was conducted by the following companies for copper-gold.

The exploration targets were airborne magnetic anomalies. Activities included RAB drilling and soil geochemistry. No deep drilling was recorded in historic reports.

<table>
<thead>
<tr>
<th>Licence</th>
<th>Years</th>
<th>Company</th>
<th>Reports</th>
</tr>
</thead>
<tbody>
<tr>
<td>EL 24877</td>
<td>2006-10</td>
<td>Castile Resources</td>
<td>CR2009-0748, 2010-0669.</td>
</tr>
</tbody>
</table>

5.0 CURRENT EXPLORATION PROGRAM

Red Metal conducted a review of data and a future work program of soil sampling over the main magnetic anomaly was planned. No field work was conducted on the tenement.

6.0 CONCLUSIONS

EL 28731 was acquired to investigate airborne magnetic features under shallow cover south-east of Tennant Creek targeting both magnetite and hematite associated copper-gold mineralisation. The company decided to surrender the licence to concentrate efforts on higher priority tenements within the Tennant Creek Inlier.
Figure 2
EL 28731 on regional TMI image

Figure 3
EL 28731 magnetic vertical gradient image
Figure 4
EL 28731 magnetic anomaly modelling