

<b>Title Holders:</b>	<b>Myron Kulbac</b> <b>Barbara Maria Kulbac</b>
<b>Operator:</b>	<b>As above</b>
<b>Title:</b>	<b>EL 27989</b>
<b>Tenement Agent:</b>	<b>Not Applicable</b>
<b>Report title:</b>	<b>Partial Relinquishment Report (Year 2)</b>
<b>Personal author:</b>	<b>Myron Kulbac</b>
<b>Target commodity:</b>	<b>Gold</b>
<b>Date of Report:</b>	<b>5 December 2012</b>
<b>Datum/Zone</b>	<b>GDA94/Zone 53</b>
<b>250000 K mapsheet:</b>	<b>Mount Evelyn SD5305</b>
<b>100000 K mapsheet:</b>	<b>Ranford Hill 5370</b>
<b>Contact details:</b>	<b>Myron Kulbac</b> <b>PO Box 777 Nightcliff NT 0814</b>  <b>Mobile 0427 970666</b> <b>Email mbkulbac@bigpond.com</b>

## ***SUMMARY***

EL 27989 was granted on 13 October 2010 to M. Kulbac (50%) and B M Kulbac (50%) for a period of 6 years. The licence which consists of 6 graticular blocks, lying between latitudes 13° 40' south and 13° 45' south and longitudes 131° 14' east and 131° 15' east, covers an area of 20 square kilometres within the Ranford Hill locality. Within this area are known mineral resources named "Bowerbird" Prospect to the north east of the EL, the abandoned Bowerbird Mine (copper, lead and silver) to the East of the EL and the abandoned Hollis Mine (copper and silver) to the east of the EL.

The primary commodity of interest is gold and the exploration program of the past year (Year 2) continued to involve obtaining and reviewing photo maps and previous exploration reports and the use of metal detectors to look for gold nuggets. Access was again limited by wet season outcomes including stream barriers and high grass levels.

Metal detecting has to date been unsuccessful in finding any gold nuggets.

At the end of year 2, three blocks were relinquished.

## **1.0 INTRODUCTION**

### **1.1 Title**

EL 27989 was granted on 13 October 2010 to M. Kulbac (50%) and B M Kulbac (50%) for a period of 6 years. The licence which consists of 6 graticular blocks, lying between latitudes 13° 40' south and 13° 45' south and longitudes 131° 14' east and 131° 15' east, covers an area of 20 square kilometres within the Ranford Hill locality. It is situated within Pastoral Lease 01134, NT Portion 1631. The land owner is Mary River Wildlife Ranch Pty Ltd (ACN 089337422)

**At the end of year 2, three blocks were relinquished as shown on the attached document labelled "Exploration Map Year 2".**

## **1.2 Location and Access**

EL 27989 is located approximately 250 kilometres southeast of Darwin and approximately 60 kilometres east of Pine Creek. The Licence area is on the southern boundary of the Mt Evelyn 1:250,000 scale map sheet SD 5305. There is all weather access along the Stuart Highway and the Kakadu Highway from Pine Creek after which a well defined but rough, bush track just before the Mary River crossing can be followed for 15 kms to the licence area. Wet season access is severely restricted by numerous creeks and tributaries of the Mary River.

**The attached document labelled “Exploration Map Year 2” shows the location of the Licence area for year 3 being the remaining blocks following partial relinquishment of the EL.**

## **1.3 Previous Exploration**

Open file company reports relevant to EL 27989 were obtained from the Information Centre, Department of Resources – Minerals and Energy and have been reviewed. Within this area are known mineral resources named "Bowerbird" Prospect to the north east of the EL, the abandoned Bowerbird Mine (copper, lead and silver) to the East of the EL and the abandoned Hollis Mine (copper and silver) to the east of the EL. On the western aspect of the EL the “Pheasant Mine” was prospective for gold.

## **2.0 GEOLOGY AND MINERALISATION**

Historically the Pine Creek Orogen has been the most prospective region of the Northern Territory for gold. Regional and contact metamorphism granite type, structure and host lithology are used to indicate prospectivity of the region. EL 27989 is situated within the Pine Creek Geosyncline, a tight to isoclinally folded sequence of mainly pelitic and Lower Proterozoic with interlayered tuff units. All rocks in the area have been metamorphosed to low, and in places medium grade, metamorphic assemblages.

Sediments of the Early Proterozoic Burrell Creek Formation outcrop in the area. These consist of interbedded mudstone and chert grading into massive albitic chert beds and BIF. Overlying the formation are siltstone, mudstone, pebble conglomerate and greywacke beds of the Burrell Creek Formation.

The Cullen Granite area to the south of EL 27989 indicates Biotite-hornblend granite. It is within this area (but south of the EL) that there are three known mineral occurrences known as the "Mt Davis" Prospects and Mines. The Granite is surrounded by 400-500 metre wide contact hornfels which forms very prominent steep ridges.

### **3.0 MINERAL EXPLORATION**

The exploration program for years 2011/2012 for the 3 blocks being relinquished, as shown on the accompanying map, primarily involved open file research of past reports, stream sampling and the use of metal detectors to locate areas prospective for gold. To date no gold nuggets have been found in this area. Accordingly it has been decided to relinquish this area bordering to the north of the EL.

### **4.0 CONCLUSIONS AND RECOMMENDATIONS**

Although research of open file reports suggests the relinquished blocks of this EL can be considered prospective for gold, the lack of any finds of gold nuggets to date has led to the conclusion that the three most northern blocks of the EL should be surrendered.

However the Bowerbird and Hollis prospects within this surrendered area continue to be regarded as prospective because of previous workings.

### **5.0 COPYRIGHT**

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