EL 9456
Batchelor, Northern Territory

Second Relinquishment Report
for Period
26/9/96 - 25/9/99

by

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for

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Batchelor NT
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Figure 1  Tenement Boundary showing five blocks relinquished
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SUMMARY

The five blocks being relinquished were not subjected to any field work by Savanna
Mineral Resources Pty Ltd and no significant potential is recognised.

1. INTRODUCTION

This is the second relinquishment report for EL 9456 and covers five blocks dropped
in late 1999.

Figures 1 and 2 show the blocks the subject of this report.

2. TENEMENT STATUS

EL 9456 was originally granted to J A Earthrowl (100%) for a period of six years
from 26/9/96.

This tenement (Figure 1) along with contiguous tenements EL 9005 and 8547,
became the subject of a farm in agreement with Savanna Minerals Resources N L (a
subsidiary of Mt Grace Gold Mines N L ) on 31/12/96.

To simplify the single agreement equity on all three tenements was homogenised.

Thus EL 9456 is now split:

SBA Distributors Pty Ltd  30%
P M Melville  10%
J A Earthrowl  60%.

3. LOCATION

EL 9456 is located adjacent to the eastern side of the Stuart Highway from the
Batchelor turnoff south to Pell Airstrip. (Figure 2).

The tenement is centred at 13°05' South, 131°08' East and is reasonably accessible
along various east west tracks. (Figure 1).

BMR mapping shows the geology to be reasonably complex with the following Early
Proterozoic units to be present:

Burrell Creek Formation
Mt Bonnie Formation
Gerowie Tuft
Koolpin Formation
Wildman Siltstone
Mt Deane Volcanics
The detailed distribution of the Mt Deane Volcanic Member is not clear. Some areas mapped as Koolpin Formation may be shown to be Mt Deane Volcanics.

4. **PREVIOUS EXPLORATION**

As the tenement is peripheral to the Rum Jungle Mineral Field it has seen considerable exploration activity in the last 25 years.

In 1975 Magnum Exploration (EL 739) explored for Woodcutters Lead-Zinc and uranium mineralisation.

In that same year CRA Exploration applied for MLs 1002 - 1007; however because of inability to reach a compensation agreement with the freehold land owner, A Albany, the MLs were withdrawn 25/1/83.

In 1977 Amex Exploration carried out uranium exploration immediately to the north, around Coomalie airfield.

In 1976 / 77 (EL 2160) Uranerz Australia P/L extended their search for uranium exploration from the west to include EL 9456.

In 1982 Geoterrex P/L for Mineral Reserves Group Inc (EL 2262) carried out a combined airborne Input EM and magnetic survey targeting the carbonaceous / dolomite contract.

In 1987 / 88 the Tanami Joint Venture (EL 4868) explored for gold by BCL stream sediment sampling. This survey resulted in the discovery of minor gold anomalous adjacent to the Mt Deane Volcanic member in the north west corner of the tenement.

Kennecott Exploration (Australia) Ltd and subsequently Riomin Australia Gold P/L explored EL 4943 from 1986 to 1989. This long narrow tenement extended from 12°49'S to 13°08'S and exploration resulted in the discovery of the Maureen and Maureen Extended prospects well to the north east of EL 9456. The southern end of EL 4943 however covers EL 9456.

5. **TARGETS**

Originally the targets within EL 9456 were influenced by results from contiguous ELs 8547 and 9005 to the east where the Burrell Creek Formation / quartz veining association was evident.

With the farming in of Savanna Mineral Resources and their knowledge of the geology to the west, the target stratigraphy became the lower units viz Koolpin, Wildman, Mt Deane Volcanics and the target commodities, in addition to gold, became Pb - Zn - Ag.
6. **WORK COMPLETED IN RELINQUISHED AREA**

Previous exploration by Kennecott Exploration (Australia) Ltd and MIM had detected low order BLEG stream anomalies within the five blocks being relinquished. These were not regarded as significant and no followup, or any other field work, was carried out by Savanna Mineral Resources Pty Ltd.

7. **RESULTS**

As no field work was carried out within the five blocks being relinquished no results are being reported.

8. **CONCLUSIONS**

It is concluded that the geology of the five blocks being relinquished is as mapped by the Bureau of Mineral Resources. The low order BLEG anomalies as reported by earlier explorers are probably due to narrow discontinuous quartz veins - common in the stratigraphy.

9. **RECOMMENDATIONS**

No further exploration appears warranted.
SECOND SCHEDULE
(Plan of Area)

EL9456
21 BLOCKS
68 sq kms

98 = Block Relinquished Sep 1998
99 = " " " " 1999

Fig 1