

ANNUAL REPORT
EL 6960
For the period 14/1/91 to 13/1/92

Submitted to: Department of Mines & Energy
Mineral House
Darwin

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HJ

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Our Ref: AADE 1992/3

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Figure 1 Location of EL 6960.

1. SUMMARY

A joint venture between R.M.Biddlecombe and the ADE JV to explore EL 6960 for diamond bearing kimberlitic intrusives commenced on 1st June 1991.

Sampling within the tenement was unable to be undertaken due to wet conditions, and has been postponed until commencement of the 1992 field season.

2. INTRODUCTION

Exploration Licence 6960 was granted to R.M.Biddlecombe on 14th January, 1991 for a period of 12 months. It covers an area of 117 square kilometres and is located on the Robinson River 1:250,000 map sheet (Figure 1).

On the 1st June, 1991, Ashton Mining Limited on behalf of the ADEJV entered into a Joint Venture agreement with R.M.Biddlecombe which would allow the ADEJV to earn 75% interest in the licence.

The target for exploration within the licence is diamond bearing kimberlitic intrusives. The primary exploration techniques adopted will be stream sampling.

3. EXPLORATION PROGRAMME

A. Data Review

A review of available Mines Department reports for the area, revealed that no previous diamond exploration had been undertaken or reported upon.

However, R.M.Biddlecombe provided unsubstantiated evidence of possible diamonds and kimberlitic indicators discovered in the area.

The available photography and TM scene covering EL 6960 was studied to select structural and geomorphic features which could represent kimberlitic intrusives. Areas of very low relief and poor drainage were highlighted since these could contain preserved intrusives which have not shed significantly into the present drainages. No reasonable targets could, however, be generated from this study.

B. Field Programme

(i) Field Inspection:

A field inspection of the Pungalina Creek area, in late 1991, revealed streams to be flooded and samples therefore unable to be taken. Hence, a small sampling programme was abandoned.

4. EXPLORATION EXPENDITURE

The total exploration expenditure for this reporting period was \$10,170.00. A detailed breakdown is shown below.

Labour	3,680
Field Support	1,800
Fuel	450
Helicopter Charter	2,200
Drafting	180
TM Imagery & Photography	480
Photo Study	620
Miscellaneous	300
Joint Venture Management	<u>460</u>
TOTAL	\$10,170

5. CONCLUSION AND RECOMMENDATIONS

Sampling to substantiate the evidence of indicator minerals in Pungalina Creek was abandoned due to wet conditions in the latter half of the field season.

It is recommended that this work be undertaken in 1992, as soon as climatic conditions allow.

6. PROPOSED PROGRAMME AND BUDGET

A. Programme

- . Sampling to confirm the presence of indicator minerals.
- . Follow-up sampling and loam sampling if required, to back-track the stream anomaly.

B. Budget

It is envisaged that a budget of \$20,000.00 will be required to complete this initial programme, if the anomaly is substantiated.

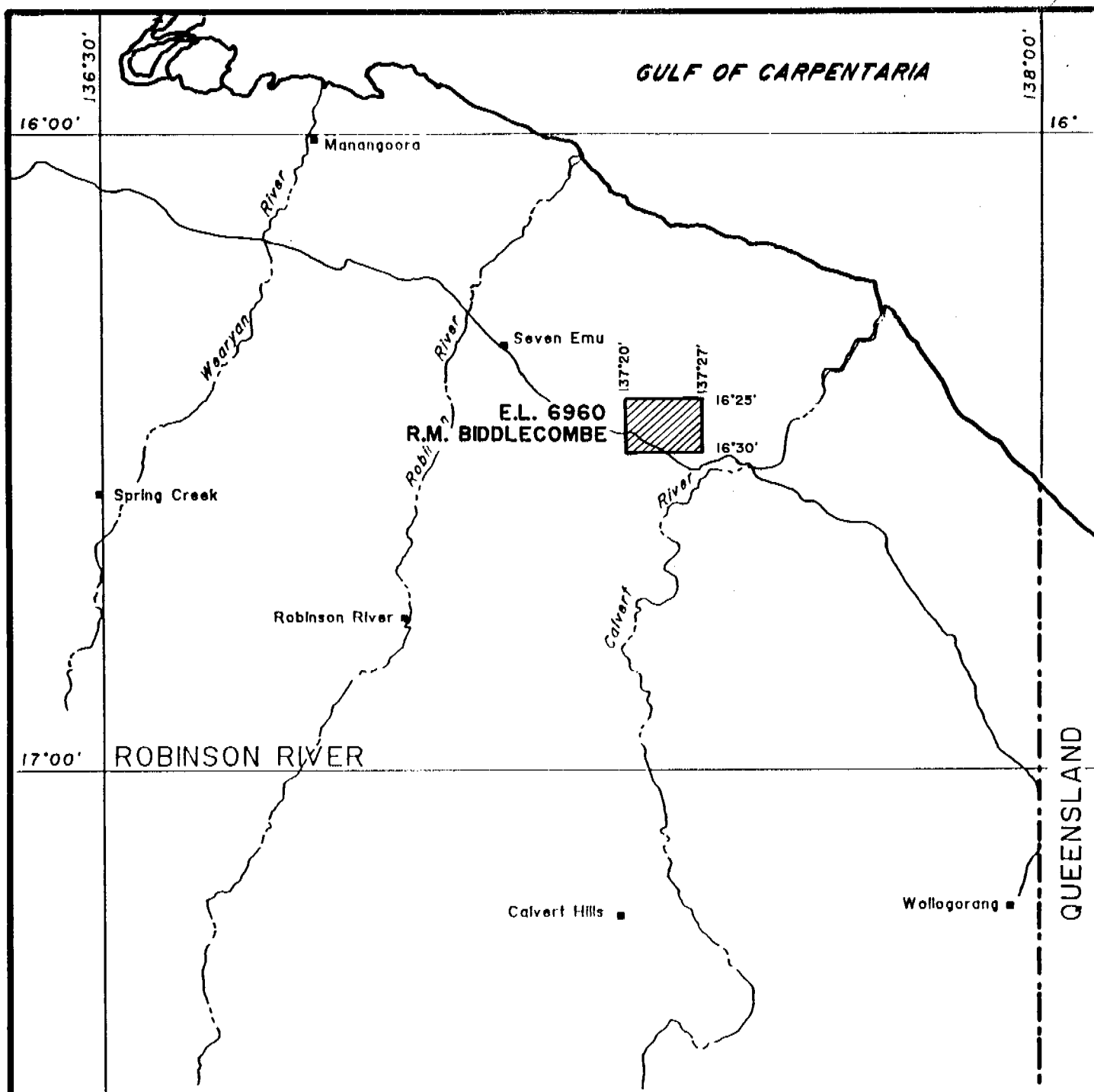


FIGURE I
LOCATION MAP