

ANNUAL REPORT
EXPLORATION LICENCE 8084

12th July, 1993
to
11th July, 1994

Licensee: Ashton Mining Limited

Operator: Ashton Mining Limited

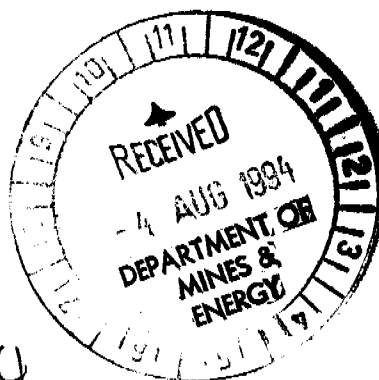
Sheet Reference: 1:250,000 Robinson River (SE 53-04)

Submitted to: Department of Mines and Energy
DARWIN

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July, 1994
Report Number: 50908

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SUMMARY

During the period 12th July, 1993 to 11th July, 1994 Ashton Mining Limited, on behalf of the Australian Diamond Exploration Joint Venture (ADE JV), carried out an exploration programme over Exploration Licence 8084. This report provides details of work undertaken on the licence during the reporting period.

Ashton undertook a gravel sampling programme during the first year of tenure. A total of thirty-three samples were collected and analysed by Ashton's laboratory. All samples were negative.

Exploration expenditure for the reporting period amounted to \$25,030 against a covenant of \$25,000.

1.0 INTRODUCTION

Exploration Licence 8084 was granted to Ashton Mining Limited on 12th July, 1993, for a period of six years. The licence covers an area of 401 blocks and is located on the Robinson River (SE53-04) 1:250,000 map sheet. A tenement location map is shown in Figure 1. The target for exploration within this licence is diamond bearing kimberlitic intrusives.

This report provides a summary of work undertaken by Ashton Mining during the reporting period 12th July, 1993 to 11th July, 1994. A statement of expenditure is included in this report.

2.0 EXPLORATION PROGRAMME

2.1 Data Review

Prior to commencing field work, a comprehensive data review of results and previous exploration in the tenement area was undertaken. This highlighted areas which had not been adequately explored. Proposed gravel sample locations were then selected and plotted in the office on 1:100,000 map sheets.

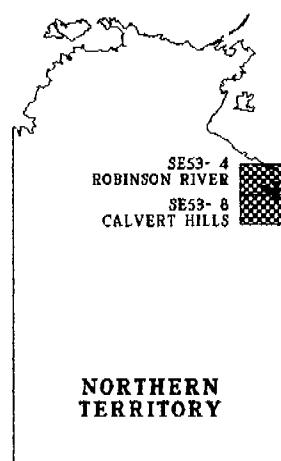
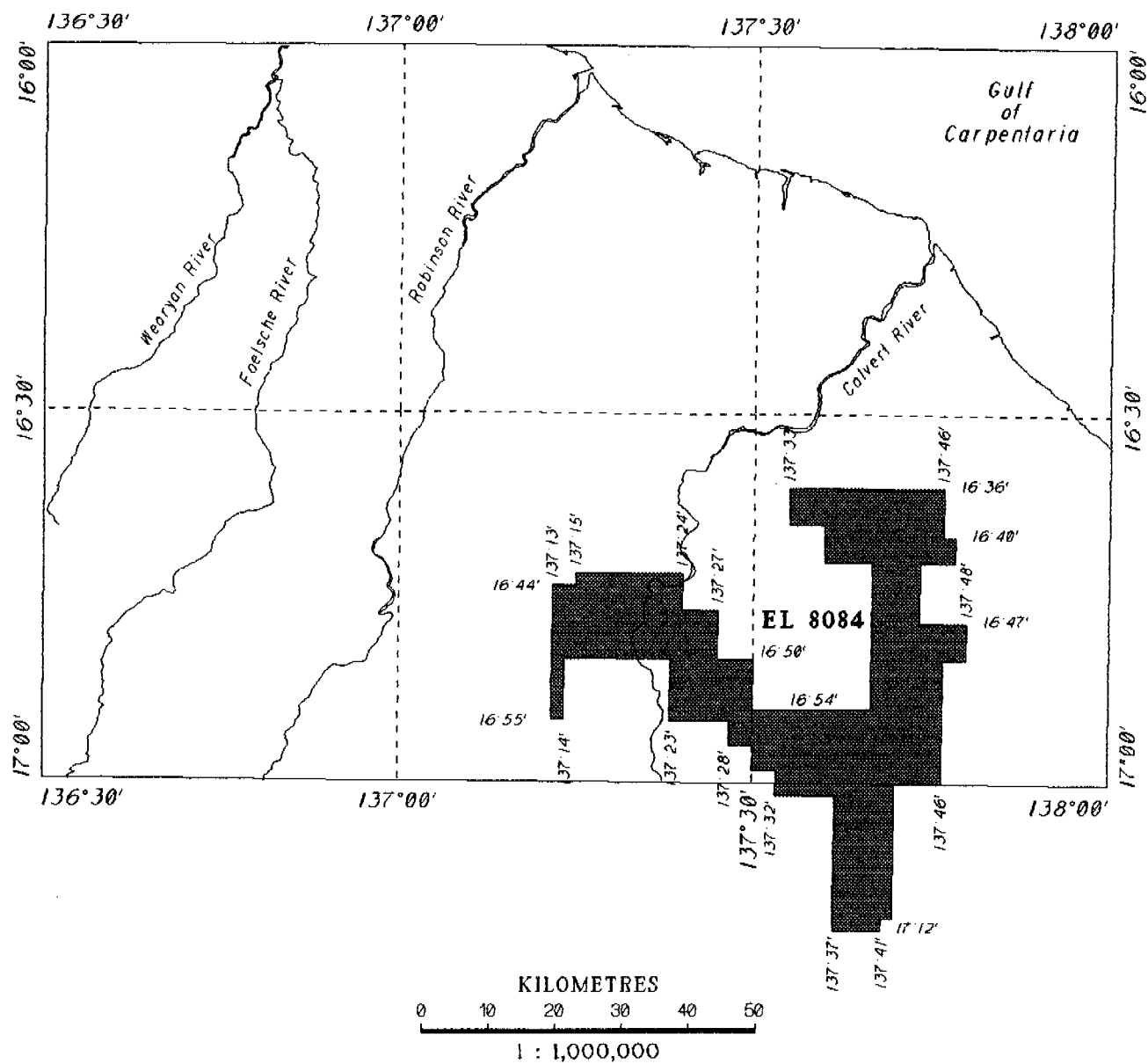


FIGURE 1
E.L. 8084
LOCATION MAP

ASHTON MINING LIMITED
ADE JOINT VENTURE

JULY , 1994

2.2 Gravel Sampling

During the first year of tenure, Ashton implemented a gravel sampling programme within the licence area. A total of thirty-three samples were collected and forwarded to Ashton's Perth laboratory for analysis.

All samples returned a negative result. A full listing of samples and results is shown in Appendix 1. Sample locations are shown on Plan 1.

2.3 Laboratory Procedure

The samples were processed by the Ashton Mining Limited Laboratory in Perth, where they were concentrated by Wilfley Table and heavy liquid separation techniques.

The heavy liquid used was tetrabromethane with a specific gravity of 2.96. The concentrates were then screened into various size fractions, further concentrated by magnetic and electrostatic separation techniques and a comprehensive grain by grain examination carried out on the minus 1.0mm plus 0.425mm fractions.

3.0 EXPLORATION EXPENDITURE

Exploration expenditure for the period 12th July, 1993 to 11th July, 1994 amounted to \$ 25,030. A detailed breakdown of expenditure is given in Appendix 2.

4.0 CONCLUSIONS AND RECOMMENDATIONS

None of the thirty-three reconnaissance samples reported indicator minerals or microdiamonds. Additional stream sampling in the unsampled portion of the exploration licence is recommended.

5.0 PROPOSED PROGRAMME AND BUDGET

The proposed programme and budget for the period 12th July, 1994 to 11th July, 1995 is as follows:

Programme:

- Additional reconnaissance stream sampling.
- A 100 tonne bulk sample to be collected to test for commercially sized diamonds.

Budget:

Geoscientist/Professional	2,500
Field Support/Office Staff	4,800
Other Contractors	964
Travel/Accommodation/Meals	2,200
Field Supplies	2,000
Operating Costs	500
Equipment Hire	4,000
Vehicles	3,400
Helicopter Charter	4,500
Laboratory	4,000
Drafting	100
Sub-total	28,964
10% Overheads	2,896
TOTAL:	\$ 31,860

APPENDIX 1

Sample Results

**RESULTS FOR EXPLORATION LICENCE 8084
OF SAMPLES COLLECTED BETWEEN 12/07/93 AND 11/07/94**

SAMPLE	RESULT	TYPE	GRID	DIAMOND		CHROMITE	OTHER
				MICRO	MACRO		
RBR00248	neg	G	-	-	-	-	-
RBR00249	neg	G	-	-	-	-	-
RBR00250	neg	G	-	-	-	-	-
RBR00251	neg	G	-	-	-	-	-
RBR00252	neg	G	-	-	-	-	-
RBR00253	neg	G	-	-	-	-	-
RBR00254	neg	G	-	-	-	-	-
RBR00255	neg	G	-	-	-	-	-
RBR00256	neg	G	-	-	-	-	-
RBR00257	neg	G	-	-	-	-	-
RBR00258	neg	G	-	-	-	-	-
RBR00259	neg	G	-	-	-	-	-
RBR00260	neg	G	-	-	-	-	-
RBR00261	neg	G	-	-	-	-	-
RBR00262	neg	G	-	-	-	-	-
RBR00264	neg	G	-	-	-	-	-
RBR00266	neg	G	-	-	-	-	-
RBR00270	neg	G	-	-	-	-	-
RBR00271	neg	G	-	-	-	-	-
RBR00272	neg	G	-	-	-	-	-
RBR00273	neg	G	-	-	-	-	-
RBR00274	neg	G	-	-	-	-	-
RBR00288	neg	G	-	-	-	-	-
RBR00290	neg	G	-	-	-	-	-
RBR00291	neg	G	-	-	-	-	-
RBR00292	neg	G	-	-	-	-	-
RBR00293	neg	G	-	-	-	-	-
RBR00294	neg	G	-	-	-	-	-
RBR00295	neg	G	-	-	-	-	-
RBR00296	neg	G	-	-	-	-	-
RBR00306	neg	G	-	-	-	-	-
RBR00311	neg	G	-	-	-	-	-
RBR00318	neg	G	-	-	-	-	-

No drill-holes in licence 8084

SAMPLE METHODS/TYPE

G = Gravel	BG = Bulk Gravel	LG = Loam on grid
L = Loam	BL = Bulk loam	LP = Loam on photo feature
R = Rock	BT = Bulk trench	LM = Loam on geophysical anomaly
P = Pit	TR = Trench/Costean	DS = Drill spoil

npro = not processed yet

APPENDIX 2

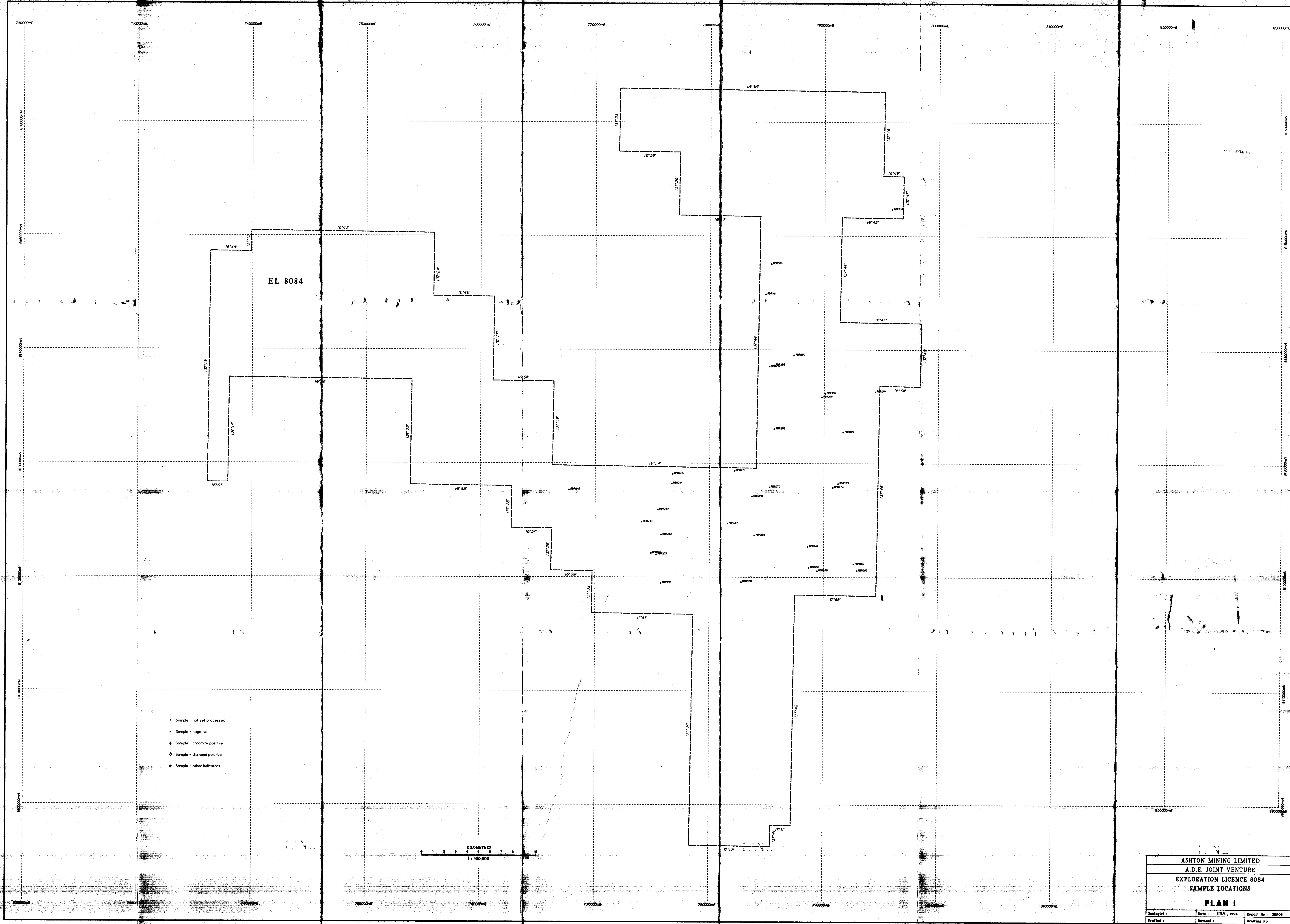
Statement of Expenditure

STATEMENT OF EXPENDITURE

EXPLORATION LICENCE 8084

For the period
12th July, 1993 to 11th July, 1994

Geoscientist/Professional	1,201
Field Support/Office Staff	3,450
Travel/Accommodation/Meals	1,507
Field Supplies	1,111
Operating Costs	337
Vehicles	3,210
Freight/Storage	317
Helicopter Charter	4,627
Laboratory	6,914
Drafting	81
Sub-Total	22,755
10% Overheads	2,275
Total:	\$ 25,030



ASHTON MINING LIMITED		
A.D.E. JOINT VENTURE		
EXPLORATION LICENCE 8084		
SAMPLE LOCATIONS		
PLAN 1		
Geologist :	Date : JULY, 1994	Report No : 50908
Drafted :	Revised :	Drawing No :