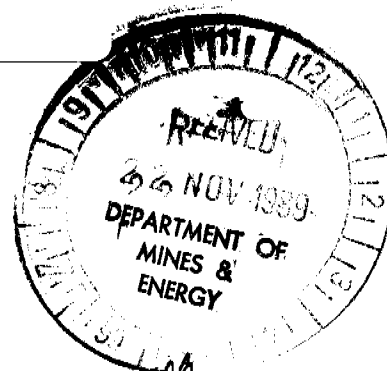


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REPORT ON EL 5370

BURRUNDIE

16TH OCTOBER 1988

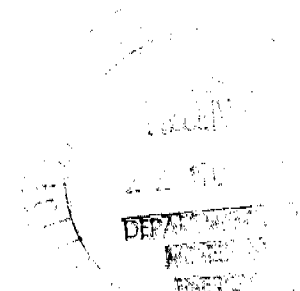
15TH OCTOBER 1989

INCLUDING RETAINED
AND
RELINQUISHED BLOCKS

Report by

R.M. BIDDLECOMBE

CR89/802



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SUMMARY

The years exploration was again plagued by unco-ordinated exploration. However, a general pattern from work done to date is tending towards the area not being one to contain an economic gold ore body.

Zapopan showed interest in the area as it is directly north of their EL 5050 and did some minor work (as shown in report). It tended to coincide with poor results from the northern area of E.L. 5050 which abuts the southern boundary of E.L. 5370.

I was then approached by Mr. Gary Hamilton, the owner of the station over which the E.L. is situated. He was interested in costeaning an area on which he (and myself) loamed fine gold. We struck an agreement and Mr. Hamilton has put a road into the area, costeans have been cut and samples taken. At this stage Mr. Hamilton is in Queensland and results are not to hand. However, the area is a soft dolerite cut by small quartz leaders. It is easily mined and should values warrant a small heap leach operation could eventuate, in Mr. Hamilton's opinion.

INTRODUCTION

Exploration Licence 5370 is located some 150 kilometres south-east of Darwin. It falls in the Burrundie 14/6 tenement sheet.

The licence was granted to Mr. D. Hisco on 16 October 1987 with reductions commencing in 1989. Mr. Hisco did some preliminary traverses but has since left the territory. Mr. R.M. Biddlecombe has since taken the area over and has now finished the preliminary exploration in readiness for detailed work on target areas in 1989.

GEOLOGY

Mapping was not attempted as this has been previously mapped by C.S.R., Geopeko and may be seen in the annual reports concerning 3138 for 1982 and 1983.

However, it was noticed that small zone dolerite outcrops are more common than shown and crop out in all parts of the Exploration Licence. This is in addition to the large masses shown of the geological maps.

Three extremely steep and prominent strike ridges traverse the Exploration Licence from the south-east to the north-west. They are composed of a very hard and slow-weathering carbonaceous siltstone. The slopes are scree covered and mask the adjacent bedding.

STRATIGRAPHY OF THE LOWER PROTEROZOIC WITH EL 5370

GROUP	FORMATION	DESCRIPTION
South Alligator Group	Mount Bonnie Fm. (Upper)	(Mudstone, siltstone, chert (iron formation
	(Lower)	(Greywacke, mudstone, siltstone, (chert, carbonaceous mudstone, (minor conglomerate
	Gerowie Tuff	Chert, mudstone, siltstone
	Koolpin Fm. (Upper)	Carbonaceous mudstone, siltstone
	(Middle)	(Iron formation, mudstone, (carbonaceous mudstone, siltstone
Mount Partridge Group	(Lower)	(Carbonaceous mudstone, mudstone, (siltstone, limestone
	Wildman Siltstone	Mudstone, phyllite, siltstone carbonaceous mudstone and sandstone (forms the core of an anticline)

RECOMMENDATIONS

Hopefully some promising results will come from the costeaning program. Should this occur a series of drill holes will be put down over the anomaly.

Should results be poor it would be expected the E.L. be relinquished in 1990.

WORK CARRIED OUT

1. Zapopan exploration
Work carried out by Zapopan generally downgraded the E.L.
2. Work carried out by G. Hamilton
Mr. Hamilton has made a road into the E.L. This has been of great benefit as access to the E. L. 5370 was most difficult. The road should be of great benefit to the following year program. Costeans were cut in an area that does shed very fine gold from soft dolerite and results are still awaited.
3. Work carried out by Mr. Biddlecombe was mainly liaising with the above explorers and general loaming in several locations. As stated earlier, the exploration in E. 5730 has been somewhat disjointed over the grant period but I feel that the area is gradually being covered fairly well, if mainly for gold.

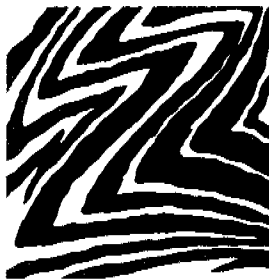
EXPENDITURE E.L. 5370

October 16th, 1988 to October 15th, 1989

Zapopan program	\$2500.00
Roads & costeans	3950.00
Map and aerial photos	150.00
Sampling	450.00
Wages	2100.00
Vehicle	1100.00
Camp costs	300.00
Administration	200.00
	<hr/>
	\$10750.00
	<hr/>

Zapopan expressed an interest in doing some work on the E.L. in conjunction with the area to the south E.L. 5050. This I agreed to and they undertook a small program, results were negative for gold which was the only mineral sought after.

ZAPOPAN NL



Level 5 Harbour View Plaza
8 McMinn Street
Darwin NT 0800

POB 4045 Darwin NT 0801
Telephone (089) 41 1263
Facsimile (089) 41 1372

SO/NA/113

7th September 1989

Mr. Robert Biddlecombe
P O Box 38220
WINELLIE NT 5789

Dear Bob,

Re: EL 5370

Zapopan NL has carried out a preliminary assessment of Exploration Licence 5370. Stream sediment and rock chip samples were taken from various localities. All values returned were below detection limit. Please find enclosed a map indicating sample location sites.

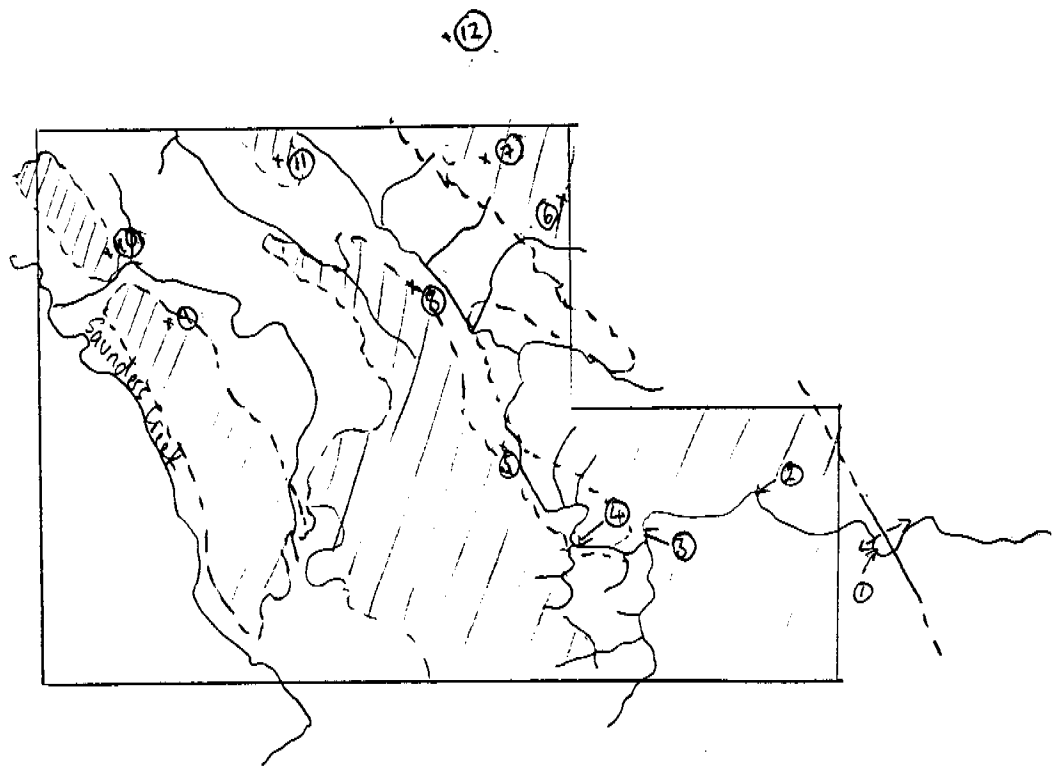
In view of the discouraging results, Zapopan cannot justify a significant expenditure to thoroughly explore these properties. The expenditure incurred in assessing EL 5370 amounts to \$2,500.

Many thanks for bringing this property to our attention and we would certainly be willing to assess any other properties you may have available.

Yours sincerely,


SUSAN OLISOFF.

Encl:



EL 5370

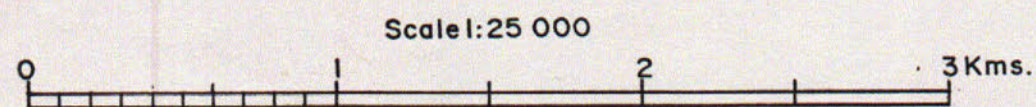
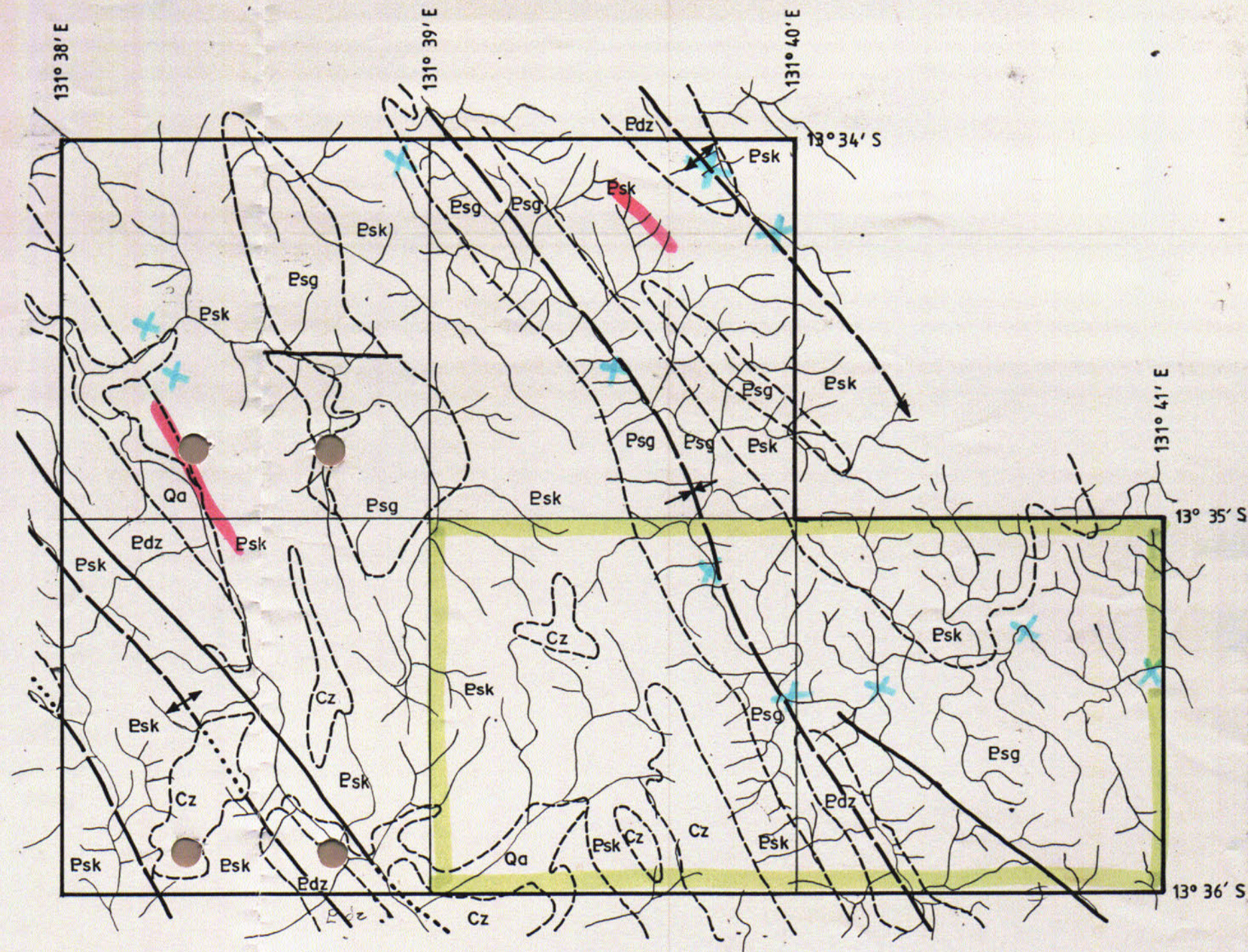
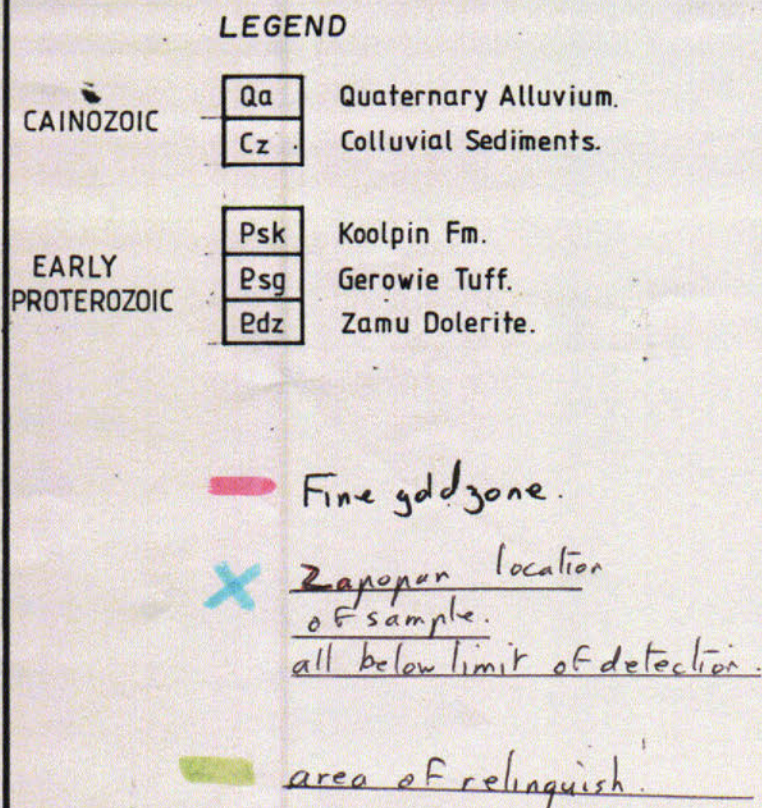
/// Areas of steep/high relief

x ③ Sample Location

--- Drainage

Scale 1:50,000

Zapopan



Geology Source: 1:100 000 AUST. GEOLOGICAL SERIES (PINE CREEK).

R.M. BIDDLECOMBE

E.L.5370
GEOLOGY

DRAWN: D.R.WEHR
DATE: 15/11/1988.