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97-4038  
(ETA 452)

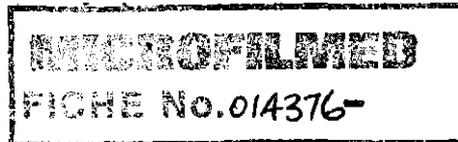


Cuttack Mining and Exploration Pty Ltd

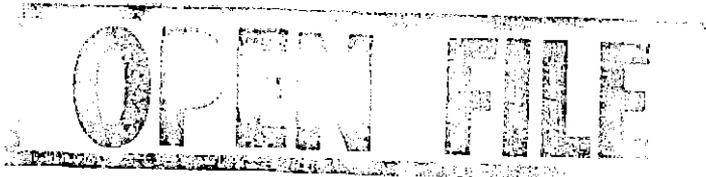
**Supplementary Report 1996/97**

**Relinquishment Report EL 1/92**

July-August, 1997



See file EL1/92  
folio 60



Prepared by: Dr Leigh Miller

Mailing Address; P.O.Box 1581  
Launceston Tasmania 7250

**97-4038**

RELINQUISHMENT REPORT - EL 1/92  
CUTTACK MINING - MATHINNA  
L MILLER (DR)

**AMG REFERENCE POINTS ADDED**

## Area

This report relates to the relinquished area of 10 Km<sup>2</sup> which previously formed part of the 20 Km<sup>2</sup> area designated as EL 1/92 and held since 1992 by this company and its associates under various farm-in arrangements.

## Previous exploration work

The area designated on the accompanying map as no longer forming part of EL 1/92 has principally not been the focus of major exploration activity by this company, other than for part of the valley floor at 570000E 5417500N (and within a radius of approximately 100m of this point) where tailings from the O'Briens workings were assessed for recoverable gold. While isolated pockets of the tailings carried Au values as high as 23g/t, the basic distribution of the gold within the tailings, as well as the tailings themselves was very erratic and did not offer prospects for economic recovery. The area has now been planted to *Eucalyptus nitens* as plantation private forest.

In the main, our conclusions, based on earlier geological work including drilling of the valley sediments by Threader (1961?) is that the valley floor Tertiary sediments contain no economic values of gold. The principal focus for attention has been the old, previously worked auriferous reefs within the hills adjacent to the valley.

The relinquished area contains only one known auriferous locality, at 570300E5416050N. This old workings has been examined and not found to offer any indications of substantial formation at depth, and no further work has been carried out on it. The remaining parts of the relinquished area have had only visual assessment for possible auriferous zones and none has been discerned. This does not mean that within the heavier forested areas there may not yet be further discoveries to be made, but no evidence of exposed reef material or reef detritus has been found in these locations. Stream panning has not revealed the presence of gold in these areas either.

The nature and character of auriferous reefs in the entire area is such that the gold values appear to be tightly confined to the reefs and immediately adjacent host rocks. Soil sampling of the wider area was undertaken in 1990 by the Shell Exploration Company and its conclusions were that there is no large, low-grade deposit potential in the area. Most of the auriferous veins are relatively shallow

in depth, but a few are known to extend to depth. These may well coincide with the "jogs" in the structural lineament which forms the Dan's Valley and continues north through Alberton. To date, such reefs have been found at Mathinna, and at O'Briens which is the present target for more detailed exploration at depth.

These areas which amount to a total of 10 Km<sup>2</sup> are thus being relinquished by this Company from its Exploration License (EL 1/92) as having no longer any prospectivity for auriferous reef material.

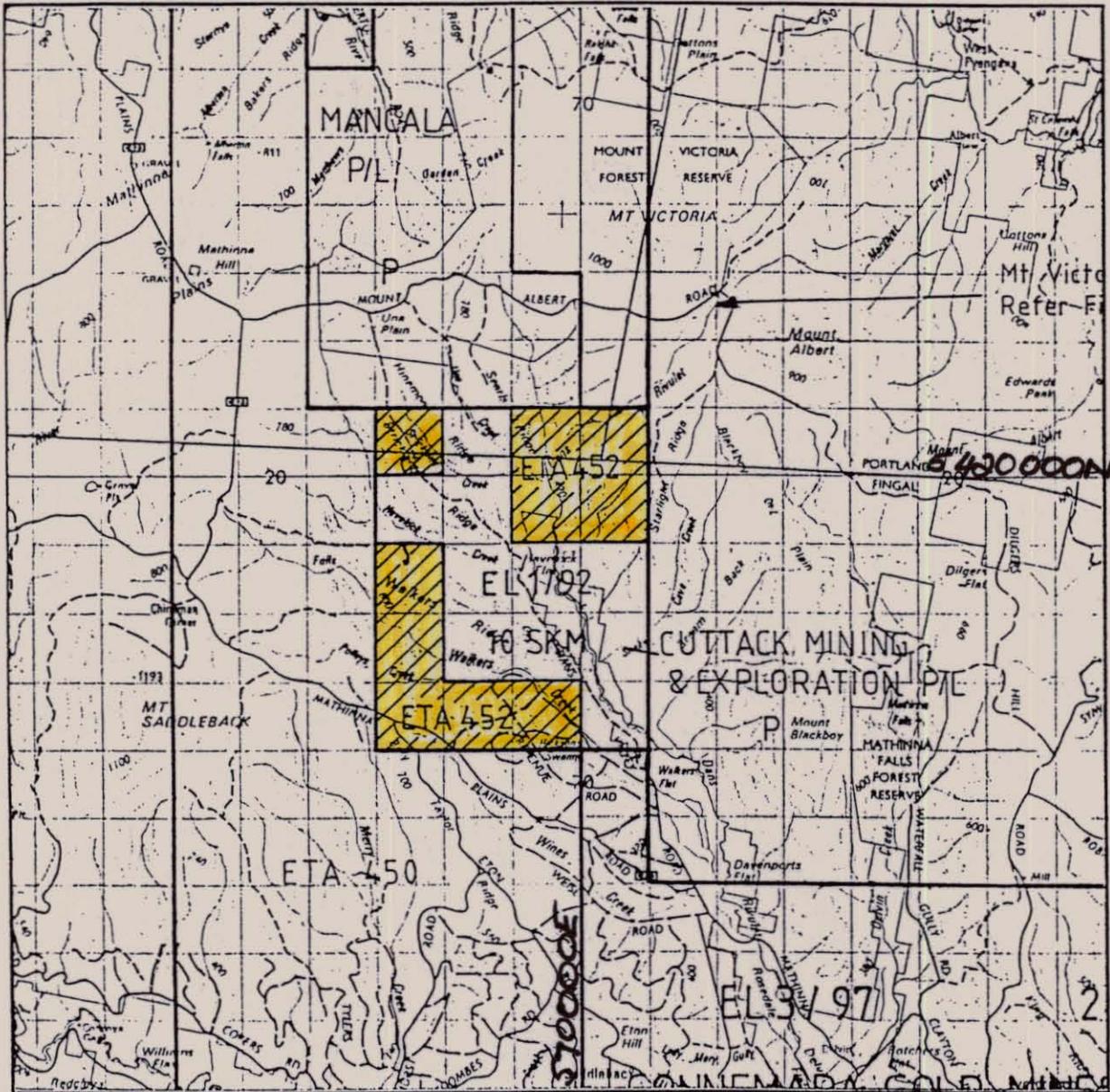
*Leigh Miller*

Leigh Miller (Dr)

August 5 1997

AMG REFERENCE POINTS ADDED

# ETA 452



0 5 10km

Scale 1:100000

## DANS VALLEY ROAD ETA - 10 SKM

FORMERLY PART OF EL 1/92 (ALL MINERALS)



TASMANIA  
DEVELOPMENT  
AND RESOURCES

### MINERAL RESOURCES TASMANIA

## P5731

5 cm