

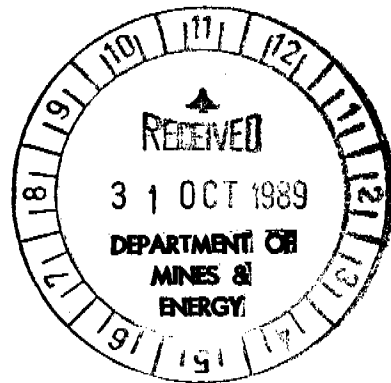
# OPEN FILE

## CAMFIELD PROSPECT

FINAL REPORT EL 5752

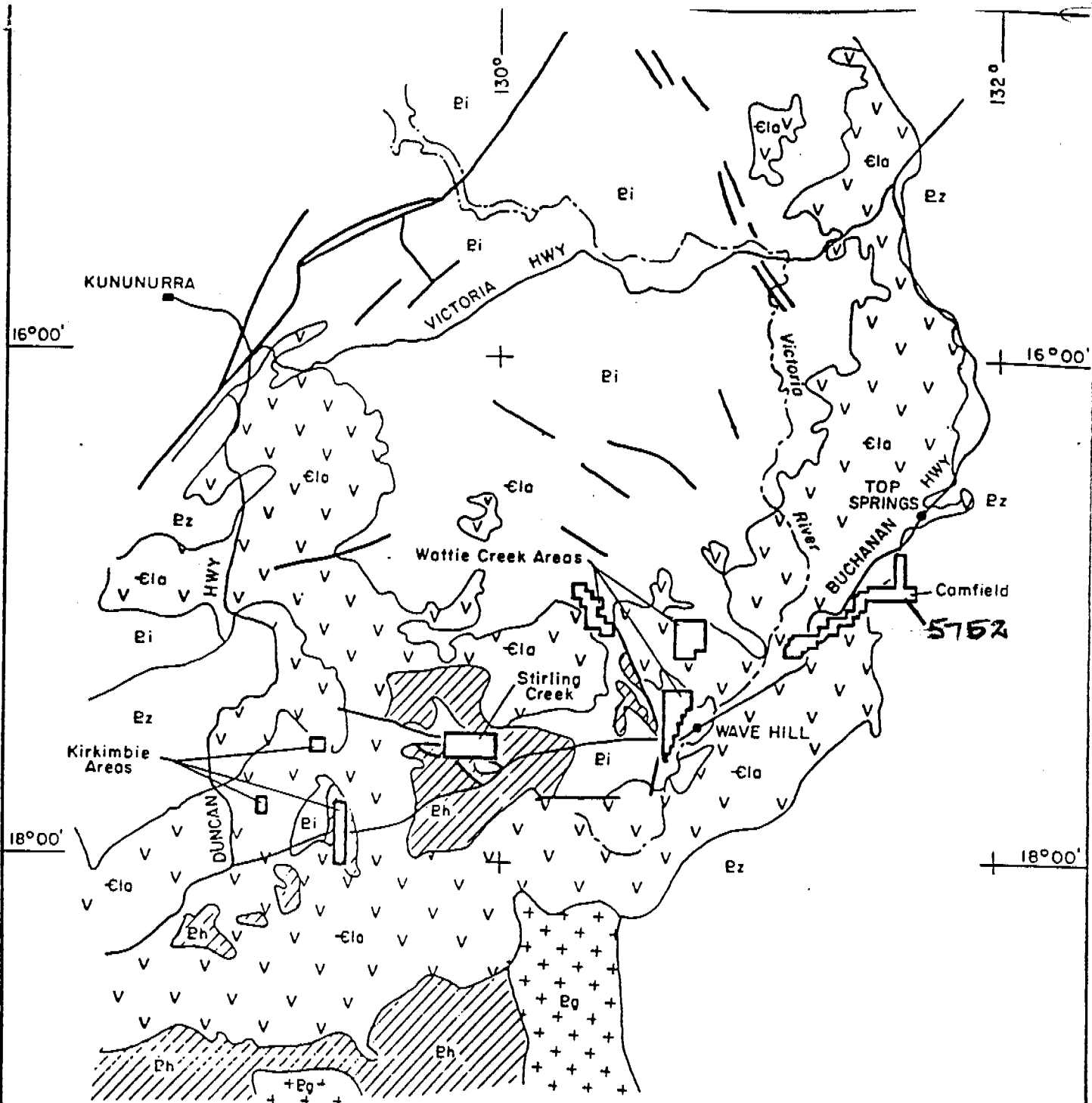
BY G. ORRIDGE  
GEONORTH

OCTOBER 1989

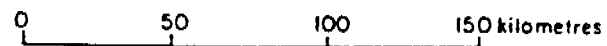


CR89/754

FOR  
LUTZ FRANKENFELD  
COLIN ROHDE  
LINC ENTERPRISES

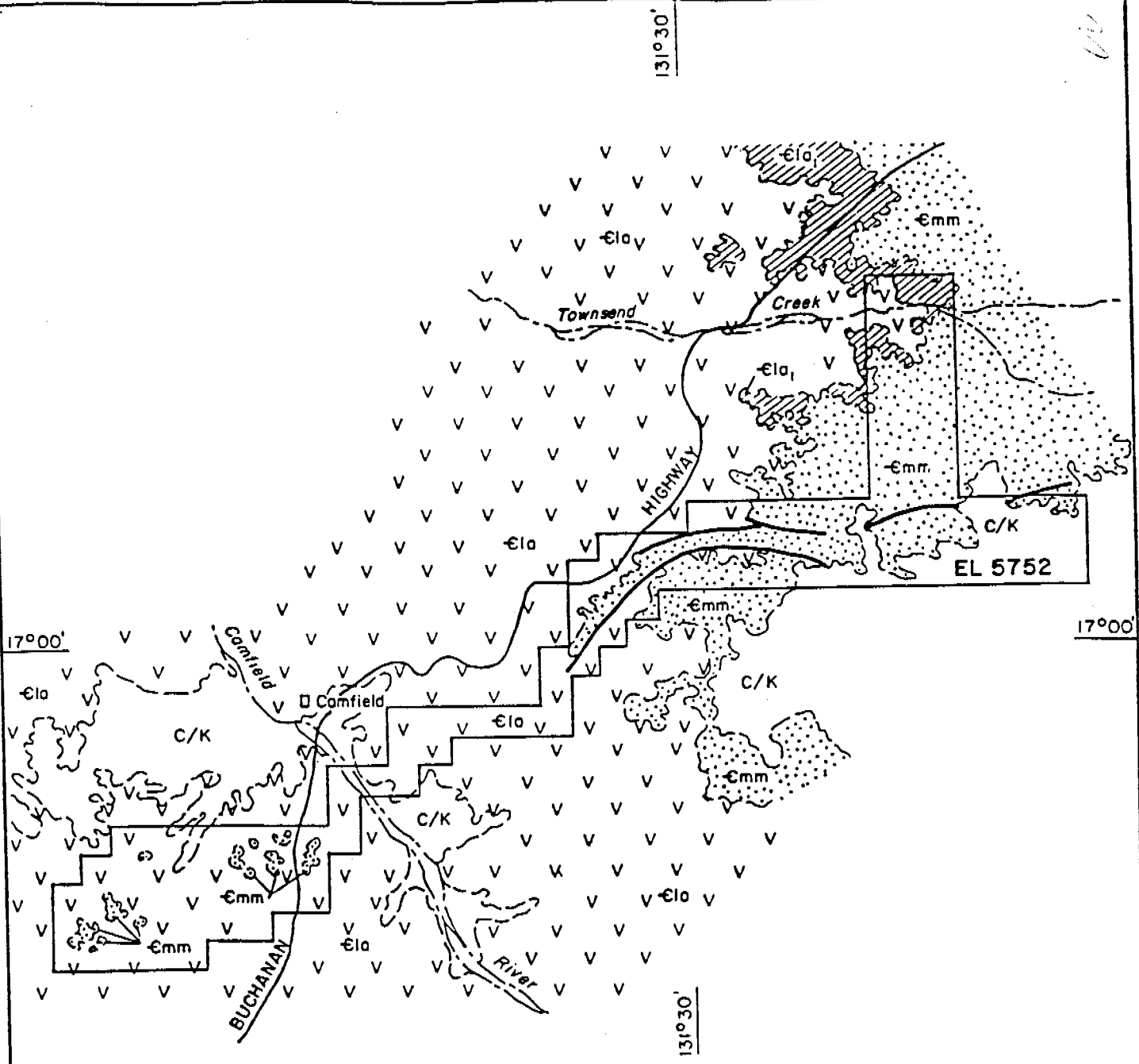







- PALAEOZOIC**
- Ez  Undifferentiated
  - Eho  Antrim Plateau Volcanics
- PROTEROZOIC**
- Ei  Victoria River Basin Succession
  - Eh  Birrindudu Basin Succession
  - Eo  Winnecke Granophyre
- Exploration Licence area
  - Major Fault

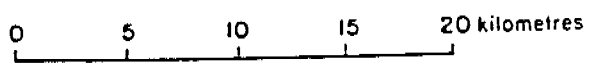


**VICTORIA RIVER BASIN PROSPECTS**  
Regional Geology

**Figure 15**



- CAINOZOIC  
MEZOZOIC**
- C/K  Soil, alluvium, siltstone, sandstone
- PALAEOZOIC**
- MIDDLE CAMBRIAN**
- €mm  Montejinne Limestone
- LOWER CAMBRIAN**
- €la  Antrim Plateau Volcanics
- €la<sub>1</sub>  Agglomerate
-  Major fault



**CAMFIELD PROSPECT**  
 Exploration Licence 5752  
 Geological Map

**Figure 18**

## FINAL REPORT ON EL 5752: CAMFIELD PROSPECT

Exploration Licence 5752 was granted to Lutz Frankenfeld, Colin Rohde and Linc Enterprises for a term of 6 years on 15 March 1988. The area was surrendered at the end of the first year.

### Tenements & Location

Exploration Licence 5752 comprises the Camfield Prospect and has an area of 352 square kilometres.

It lies close to the Buchanan Highway between the settlements of Top Springs and Wave Hill (see Figure 15).

### Geology

Basalts of the Lower Cambrian Antrim Plateau Volcanics underlie most of the area (see Figure 18). In the northeast the basalts contain agglomerates at the top and are overlain by the middle Cambrian Montejinne Limestone.

The Cambrian rocks are locally capped with thin Cretaceous and Tertiary sediments and laterite. The formations are horizontal and are affected by northeast to east trending faults with small displacements.

Figure 18 illustrates the main geological features.

### Previous Exploration

The only mineralisation reported is copper in a three metre thick cherty horizon at the top of the basalts. This was investigated by Tipperary Land Corporation in 1967/68 who concluded that, as a whole, the horizon averaged less than 0.06% copper.

### Conclusions

As in the case of the Kirkimbie areas it is possible that the deposits are of fumarolic origins and that gold may be associated with the copper.

This has not been previously tested for in this area.

However, in view of the negative results of previous explorers it was decided not to proceed with further exploration.

Expenditures

Expenditures of approximately \$1,200 were incurred during the first year of the Licence.

G. ORRIDGE  
31 October 1989