

A STUDY OF THE MINERALISATION AT THE  
KITTICOOOLA COPPER MINE, PALMER S.A.

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A thesis presented to  
THE DEPARTMENT OF ECONOMIC GEOLOGY  
UNIVERSITY OF ADELAIDE

in partial fulfilment of the requirements  
for the degree of

BACHELOR OF SCIENCE (HONOURS)

UNIVERSITY OF ADELAIDE  
ADELAIDE, SOUTH AUSTRALIA

October, 1970

*Received 30/10/70*



**REFERENCES CITED:**

**PLATES:**

- APPENDIX**
- 1. PETROLOGICAL DESCRIPTIONS**
  - 2. SAMPLING PROCEDURE AND ANALYTICAL METHODS.**
  - 3. ORIENTATION SURVEY - SOIL SAMPLES**
  - 4A. GEOCHEMISTRY - SOIL SAMPLES**
  - 4B. SOIL SAMPLE TRAVERSES**
  - 5. GEOCHEMISTRY - ROCK SAMPLES**
  - 6. GEOCHEMISTRY - GOSSAN AND HEMATITE SAMPLES.**
  - 7. GEOCHEMISTRY - ORE SAMPLES**
  - 8. pH MEASUREMENTS**
  - 9. EXAMPLES OF COPPER DEPOSITS**
  - 10. LIST OF SPECIMENS SUBMITTED**
-

LIST OF FIGURES AND DIAGRAMS.

		Page.
Fig. 1.	Geological, Location, and Structural Maps of the Regional Area.	1 to 2
2.	Geological and Sample Location Map	At rear
3.	Geochemical Profiles for Copper	" "
4.	Geochemical Contour Map for Copper	" "
5.	Geochemical Profiles for Zinc, Cobalt and Manganese.	" "
6.	Geochemical Traverses	" "
7.	Sketch Map of Hydrothermal Alteration	10

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ABSTRACT:

The Kitticoola Copper and Gold Mine near Palmer, is one of a number of such occurrences in the Mount Lofty Ranges, South Australia, but differs from the norm in that it is located within a granitic host rock, intrusive into lower Palaeozoic meta-sediments of the Kanmantoo Group.

In this study, field relationships, together with mineralogical studies of the ore and associated hydrothermal alteration are outlined and suggestions put forward as to sequences of formation.

Geochemical studies including soil sampling and rock, gossan and ore analyses are also presented together with conclusions pertaining to exploration.

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