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

by

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# TABLE OF CONTENTS

**LIST OF FIGURES AND DIAGRAMS:**

**ABSTRACT:**

1. **INTRODUCTION:**
   - Location
   - Aims of the Investigation
   - Previous Investigations

2. **REGIONAL GEOLOGY:**

3. **STRUCTURAL SETTING:**

4. **LOCAL TOPOGRAPHY:**

5. **LOCAL GEOLOGY:**
   - Field Relationships
   - Mineralogy

6. **HYDROTHERMAL ALTERATION:**

7. **GEOLOGY AND THE LORE SYSTEMS:**

8. **ORE MINERALOGY AND RELATIONSHIPS:**

9. **GEOCHEMISTRY - SOIL SAMPLES:**
   - General
   - Discussion of Results - Copper
   - ""
   - Zinc, Cobalt, Manganese

10. **GEOCHEMISTRY - ROCK SAMPLES:**

11. **GEOCHEMISTRY - ORE AND GOSSAN SAMPLES:**

12. **pH MEASUREMENTS:**

13. **SUMMARY:**

**ACKNOWLEDGEMENTS:**
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 TRAVERSSES
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.**

<table>
<thead>
<tr>
<th>Fig.</th>
<th>Description</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Geological, Location, and Structural Maps of the Regional Area.</td>
<td>1 to 2</td>
</tr>
<tr>
<td>2</td>
<td>Geological and Sample Location Map</td>
<td>At rear</td>
</tr>
<tr>
<td>3</td>
<td>Geochemical Profiles for Copper</td>
<td>&quot; &quot;</td>
</tr>
<tr>
<td>4</td>
<td>Geochemical Contour Map for Copper</td>
<td>&quot; &quot;</td>
</tr>
<tr>
<td>5</td>
<td>Geochemical Profiles for Zinc, Cobalt and Manganese.</td>
<td>&quot; &quot;</td>
</tr>
<tr>
<td>6</td>
<td>Geochemical Traverses</td>
<td>&quot; &quot;</td>
</tr>
<tr>
<td>7</td>
<td>Sketch Map of Hydrothermal Alteration</td>
<td>10</td>
</tr>
</tbody>
</table>
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.