

CONTENTS

	<u>Page</u>
I INTRODUCTION	1
II QUALITY OF STAFF	1
III DESCRIPTION OF SURVEY	1
IV OBJECTIVE OF THE SURVEY	2
V REGIONAL GEOLOGY	2
VI PREVIOUS GEOPHYSICAL SURVEYS	5
VII RESULTS	5
1. Total Magnetic Intensity Maps	6
2. Magnetic Basement Maps and Recommended Areas	8
3. Conclusion	11
VIII ELEMENTS OF AEROMAGNETIC INTERPRETATION	13
APPENDIX 1 DATA RESUMÉ	19

ILLUSTRATIONS

Frontispiece - Locality Plate

Fig.1 Aeromagnetic Anomaly	opp. 13
Fig.2 Basement Effect	" 14
Fig.3 Intrabasement and Suprabasement Effects	" 15
Fig.4 Typical Aeromagnetic Profile for Thin Plate	" 17

MAPS

Total Magnetic Intensity, 1:250,000 minimal contour interval 5 gamma. These Maps were compiled by Aero Service Limited. = *Sheets 1 to 4*

Magnetic Basement, 1:250,000, contour interval 1000 ft. These Maps were prepared by Geophysical Associates Pty. Ltd. = *Sheets 1 to 4.*