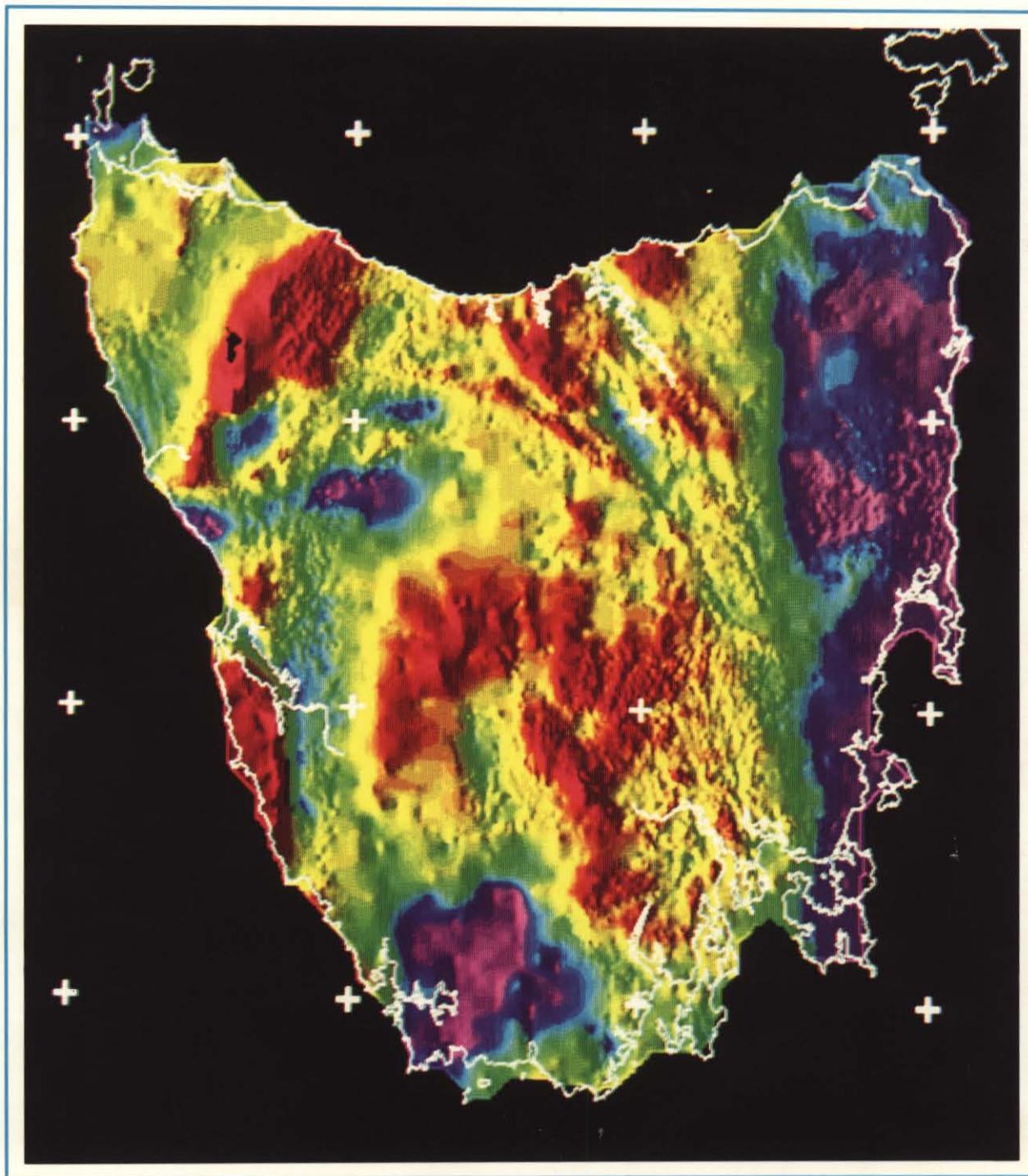


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TASMANIA



An Island of Potential

New perspectives on mineral exploration

TASMANIA An Island of Potential

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TASMANIA DEPARTMENT OF MINES

1992

**GEOLOGICAL SURVEY
BULLETIN 70**

**TASMANIA:
AN ISLAND OF POTENTIAL**

**New perspectives on mineral
exploration**

**Papers presented at a symposium
Sheraton Hotel, Hobart
16-17 September 1992**

FOREWORD

In September 1992, the Tasmania Department of Mines (TDM) and the Tasmanian Development Authority (TDA), in conjunction with the Tasmanian Chamber of Mines (TCM) and the Centre for Ore Deposits and Exploration Studies (CODES) at the University of Tasmania, held a two-day symposium in Hobart to discuss new developments in the understanding of Tasmanian mineral prospectivity.

The symposium was run by an organising committee comprising:

Mr Peter Baillie (TDM)
Dr David Duncan (TDM)
Dr Bruce Gemmell (CODES)
Mr Rod Hargreaves (TDM)
Professor Ross Large (CODES)
Dr Robert Richardson (TDM)
Mr Mark Smith (TDA)
Mr David Whitrow (TCM)

This Bulletin is a collection of material presented at the symposium, both as oral presentations and as poster displays. The papers cover a wide range of issues related to Tasmanian prospectivity. The inclusion of several contributions which canvas the possibility of a "thin-skinned" tectonic model for the Tasmanian Palaeozoic, together with several important contributions relating to gold mineralisation, should ensure that the volume has a long shelf life.

Because of time constraints, minimal editing was carried out, although some attempt has been made to ensure consistency through the various contributions. In most cases references cited by authors have not been rigorously checked and some errors and inconsistencies are likely. Most figures are as presented by authors. Colour plates have been used by some authors and may be found in the pocket inside the back cover of the volume.

It should be noted that a number of authors refer to "TCR" reports. These are open-file company exploration reports which are held in the Department of Mines library. Other company reports referred to should be sought from the relevant company.

ACKNOWLEDGEMENTS

Production of this Bulletin was undertaken by staff of the Department of Mines. Papers were collated and edited by Peter Baillie, Michael Dix and Robert Richardson. Final typesetting and layout was done by Michael Dix. The assistance of Rohan Sedgman, Margaret Ellis and Cheryl Kershaw in various phases of the preparation of this Bulletin is gratefully acknowledged, as is the input of John Ladaniwskyj and Anthony Hollick of the Cartographic Section, and word processor operators Claire Humphries, Ann Taylor, Lisa Doran and Jan Howie.

COVER

Residual Bouguer Anomaly map of Tasmania, based on Mantle91 model method. Bouguer density 2.67 t/m^3 .
(Image courtesy M. Roach, CODES).

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