

Terrane Processes at the Margins of Gondwana

Edited by

A. P. M. Vaughan, P. T. Leat and R. J. Pankhurst



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Terrane Processes at the Margins of Gondwana

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Preface

The concept of tectonostratigraphic terranes emerged from the study of Northern Hemisphere active continental margins and orogenic belts; however, it is largely in the Southern Hemisphere, in particular in relation to the Gondwana supercontinent, where it has seen its fullest flowering. The entire Pacific margin of the supercontinent Gondwana is regarded as a collage of accreted terranes and the resulting orogen is one of the world's largest. This book brings together a series of reviews and multi-disciplinary research papers that comprehensively cover the terranes from the Tasman Orogen of eastern Australia to the Neoproterozoic and Palaeozoic orogens of South America, taking in New Zealand and Antarctica along the way. The book is a collection of original papers and reviews based on work presented at the 'Terrane Processes at the Pacific Margin of Gondwana' (TAPMOG) meeting held in Cambridge, UK in September 2003 and at the 10th Chilean Geological Congress held in Concepción in October 2003, as well as invited contributions. This volume is a contribution to the British Antarctic Survey SPARC project of the programme Antarctica in the Dynamic

Global Plate System and a posthumous contribution to International Geological Correlation Project 436 'Pacific Gondwana Margin'.

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