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**PROCEEDINGS OF THE
FIRST AUSTRALIA-NEW ZEALAND CONFERENCE
ON GEOMECHANICS**

MELBOURNE 1971

VOLUME I

TONKIN & TAYLOR
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The Institution of Engineers, Australia

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The New Zealand National Society of Soil Mechanics and Foundation Engineering

Preface

Beginning in 1952, five Australia-New Zealand Conferences on Soil Mechanics and Foundation Engineering have been held. The First Australia-New Zealand Conference on Geomechanics continues the series, but its scope has been extended to include both soil and rock mechanics. It is sponsored by the Australian Geomechanics Society which was formed in January, 1970, as a Technical Unit of The Institution of Engineers, Australia, in association with The Australasian Institute of Mining and Metallurgy. The New Zealand Institution of Engineers and The New Zealand National Society of Soil Mechanics and Foundation Engineering are also sponsors. This volume contains the papers presented at the Technical Sessions of the Conference. Volume 2 of the Proceedings will contain the General Reporters' reviews of the papers, the discussion on the papers, the Conference Keynote Address and the addresses to the Symposium on "Geomechanics—a Tool in National Development".

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