

GREAT BARRIER REEF MARINE PARK AUTHORITY
TECHNICAL MEMORANDUM GBRMPA-TM-7

REEF COVER AND ZONATION CLASSIFICATION SYSTEM
FOR USE WITH REMOTELY SENSED GREAT BARRIER REEF DATA

D. A. KUCHLER
June 1986
(submitted 1983)

SUMMARY

An integral part of any land cover mapping program is the selection of a suitable classification scheme for use at any specified scale, for any designated area, and within the capability of the information gathering techniques being used. Presented in this paper is a classification system which can be used in ground data collection or with aerial and orbital imagery for making surface cover and zonation interpretation maps. The classification system is designed to facilitate rapid and accurate identification, labelling and determination of significance of geomorphological reef features by the image interpreter and ground data collector.

KEYWORDS: reef cover and zonation mapping, classification system, remotely sensed data, Landsat MSS, aerial photography, GBR.

Technical memoranda are of a preliminary nature, and represent the views of the author, not necessarily those of the Great Barrier Reef Marine Park Authority.

Please address comments or requests for additional copies to:

The Executive Officer,
Great Barrier Reef Marine Park Authority,
P.O. Box 1379 TOWNSVILLE, AUSTRALIA, Q4810.

© Commonwealth of Australia

ISSN 0817-6094

ISBN 0-642-52513-7