



**NATURAL RESOURCES ANALYSIS PROGRAM
(NRAP)**

**DIGITAL GEOLOGICAL DATA
FOR
CAPE YORK PENINSULA**

Project Report and Executive Summary

J.H.C. Bain
Australian Geological Survey Organisation
1995

CYPLUS is a joint initiative of the Queensland and Commonwealth Governments



**CAPE YORK PENINSULA LAND USE STRATEGY
(CYPLUS)**

Natural Resources Analysis Program

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Final report and executive summary for project:

NR05 - BEDROCK GEOLOGICAL DATA: DIGITISING AND INTEGRATION

Recommended citation:

Bain, J.H.C. (1995). 'Digital Geological Data for Cape York Peninsula'. (Cape York Peninsula Land Use Strategy, Office of the Co-ordinator General of Queensland, Brisbane, Department of the Environment, Sport and Territories, Canberra, and Australian Geological Survey Organisation, Canberra.)

Note:

Due to the timing of publication, reports on other CYPLUS projects may not be fully cited in the REFERENCES section. However, they should be able to be located by author, agency or subject.

ISBN 0 7242 6217 2

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CYPLUS

CAPE YORK PENINSULA

LAND USE STRATEGY

CAPE YORK PENINSULA GEOLOGY

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Source Material: BMV/SBO Published Geological Maps 1:250 000 scale

Torres Strait	1978	Jarina River	1977
Oxford Bay	1978	Waipa	1978
Cape Weymouth	1977	Aurulan	1977
Coen	1977	Holroyd	1978
Blagoola	1977	Cape Melville	1986
Rutland Plains	1972	Harrs River	1978
Cooktown	1968	Osbrash	1972
Welsh	1978	Mossman	1983

Depth to magnetic basement 1983 by P. Wellman (AGSO)

REFERENCE

HOLOCENE

Youngest unconsolidated coastal and alluvial deposits:
Qhp, Qhk, Qha, Qhe, Qhm

QUATERNARY

Dunes: Qd

Alluvial and older coastal deposits:
Ql, Qac, Qa, Qas, Qpm

CAINOZOIC

Basalt: Czb

Dunes: Czd

Eauidite: T&Qe

Ferricrete: T&Qf

Alluvial, talus, colluvial and residual deposits:
TQs, Czx, Tmpv, Tmpy, Czt, Czs, Czy, Czk, Czm

CAINOZOIC/MESOZOIC

Consolidated fluvial deposits: KTI

MESOZOIC

Sediments: KIo, KIt, KIj, JKa, JKb, JKg, JKy, Jd, Jw

CARBONIFEROUS-PERMIAN

Sediments: Pur, Pn

Volcanics: Pun, CPj, CPk, CPc, CPv, Ct, Cn, Cm, Ce, Cg

Dolerite: CPo

Granite:

Fgl, Pgl, Pgm, Pgv, Phw, Pld, Put, Pw, g
CPh, Cub, Cup, Cgc, Cgm

DEVONIAN-CARBONIFEROUS

Sediments: DCp, DCh, DChc, DCH

SILURIAN-DEVONIAN

Granite: SDb, SDf, SDi, SDm, SDw, SDa, SDk

Sediments: SDh, SDn

PROTEROZOIC

Metamorphic:

Ps, Pag, Pc, Pcn, Pd, Pdm, Ph, Phq, Phg, Po

Light blue contours represent depth to magnetic basement in 100 m interval



1 : 2,500,000

LAMBERT CONICAL CONFORMAL PROJECTION
SCALE IN KILOMETERS (km) AND CENTRAL MERIDIAN 143°E
EDITION 1, JUNE 1984

