

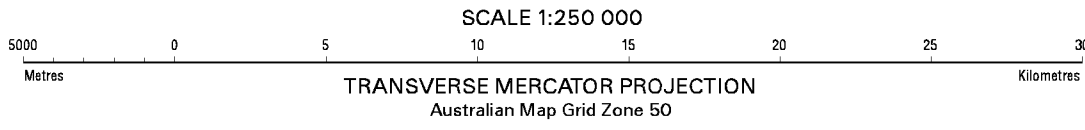
DEPARTMENT OF MINERALS AND ENERGY
MINERAL RESOURCES GROUP (P.O. BOX 10)
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MERLINLEIGH SUB-BASIN

Ternary Radiometric Image
Potassium, Thorium, Uranium as red, green, blue



SURVEY SPECIFICATIONS

Survey date: March-April 1985
Flown by: Telsa Airborne Geoservices
Right line spacing: 500 m
Flight line direction: 067/24.7 degrees
Left line spacing: 150 m
Tap line direction: 157/33.7 degrees
Nadir resolution: 80 m
Spectrometer sample interval: 1.0 sec (75 m)
Channel volume: 33 litres
Channel windows (MeV): 0.41 - 2.81
Data count: 1.37 - 1.52
Potassium: 1.66 - 1.86
Uranium: 2.41 - 2.81
Thorium: 2.41 - 2.81

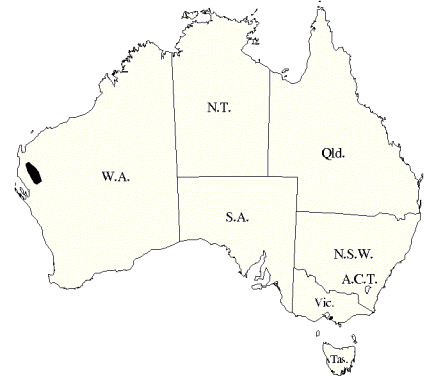
PROCESSING

Date reduction by: Telsa-10 Pty Ltd
Geodetic datum: AGD84
Griding by: Telsa-10 Pty Ltd
Image processing by: GSWA (ER Mapper V 5.11)
Grid cell size: 125 m
Date of processing: 22 December 1985
Project geophysicist: R. W. Gaby
Compiled by: S. L. Shevchenko
Edited by: C. Stone and G. Lane
Cartography by: G. Le Blanc Smith and G. van Burell

Published by the Geological Survey of Western Australia. Copies available from the Mining Information Centre, Department of Minerals and Energy, 100 Plain Street, East Perth, WA, 6004. Phone (09) 222 3456. Fax (09) 222 3444.

This image is also available in digital form.

The recommended reference for this map: GEOLOGICAL SURVEY OF WESTERN AUSTRALIA, 1986. Merlinleigh Sub-basin Ternary Radiometric Image, 1:250 000. Western Australia Geological Survey.



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