

Magnetic zones

narrow

wide

Discordant linear anomaly areas

high (positive anomaly)

low (negative anomaly)

Magnetic contact; ticks denote the more magnetic side

Inferred discontinuity or breaks in magnetic pattern based on disparity in trends, degree of anomaly linearity, and change in magnetic feature

This compilation of aeromagnetic features is based on airborne geophysical data acquired under the National Geoscience Mapping Accord by the Australian Geological Survey Organisation (AGSO), Commonwealth Department of Primary Industries and Energy. The interpretation is based on data presented on 1:100 000 scale profiles, contours and images of total magnetic intensity, and profiles and images of the first vertical derivative.

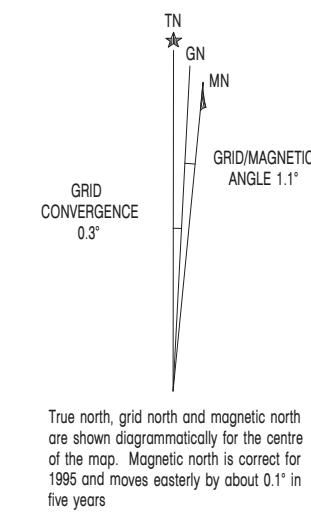
This map is not intended to represent a geological interpretation of aeromagnetic features.

**SURVEY SPECIFICATIONS**

Flown by: World Geoscience Corporation Ltd  
Data tower: 1984  
Line spacing: 400 m  
Line direction: 090-270 degrees  
Terrain clearance: 80 m above ground level  
Sampling interval: 7 m (0.1 seconds)  
Instrument: Helium magnetometer  
Data acquisition and reduction: World Geoscience Corporation Ltd  
IGRF removed: 1990



CUNY	WILKIE	BALLINRAE	WONGAHILL	WINDOGRA	CARRIDGE	LAKESIDE	ROBERT	SQUIRE HILL
254	254	254	254	254	254	254	254	254
SG 51-9	SG 51-10	SG 51-11	SG 51-12	SG 51-13	SG 51-14	SG 51-15	SG 51-16	SG 51-17
254	254	254	254	254	254	254	254	254
YELLARIE	MOUNT KATH	WARRAGARRA	YATE	UPPER	DE LA POER	STEWARTSDALE	BLAKELAND	BULFIN
254	254	254	254	254	254	254	254	254
SG 51-18	SG 51-19	SG 51-20	SG 51-21	SG 51-22	SG 51-23	SG 51-24	SG 51-25	SG 51-26
254	254	254	254	254	254	254	254	254
DEPT SPRING	DEPT SPRING	DEPT SPRING	DEPT SPRING	DEPT SPRING	DEPT SPRING	DEPT SPRING	DEPT SPRING	DEPT SPRING
254	254	254	254	254	254	254	254	254
WARREROO	WARREROO	WARREROO	WARREROO	WARREROO	WARREROO	WARREROO	WARREROO	WARREROO
254	254	254	254	254	254	254	254	254
SG 51-27	SG 51-28	SG 51-29	SG 51-30	SG 51-31	SG 51-32	SG 51-33	SG 51-34	SG 51-35
254	254	254	254	254	254	254	254	254
WARREROO	WARREROO	WARREROO	WARREROO	WARREROO	WARREROO	WARREROO	WARREROO	WARREROO
254	254	254	254	254	254	254	254	254



True north, grid north and magnetic north are shown diagrammatically for the centre of the map. Magnetic north is correct for 1995 and moves easterly by about 0.1° in five years

DEPARTMENT OF MINERALS AND ENERGY  
HON. GEORGE CASH, J.P., M.L.C.  
MINISTER FOR MINES  
K. R. PERRY, DIRECTOR GENERAL

AGSO  
AUSTRALIAN GEOLOGICAL SURVEY ORGANISATION

NGMA  
PRODUCT OF THE NATIONAL  
GEOSCIENCE MAPPING ACCORD

SCALE 1:100 000

1000 0 1 2 3 4 5 6 7 8 9 10  
Metres

TRANSVERSE MERCATOR PROJECTION  
Grid lines indicate 10 000 metre intervals of the Australian Map Grid Zone 51

Kilometres

**Aeromagnetic interpretation by DataScience**  
Geophysical Project Manager, S.H.D. Howard  
Aeromagnetic data capture by Cadographics  
Edited by C. Strong and G. Loan  
Cartography by S. Collopy

Published by and available from the Geological Survey of Western Australia, Department of Minerals and Energy, 100 Plain Street, East Perth, W.A., 6004

This map is also available in digital form

Persons who purchase this information in any format may only reproduce it for their own use and not for publication or resale in any form, except with the written permission of the Director, Geological Survey of Western Australia

AEROMAGNETIC FEATURES  
**DUKETON**  
SHEET 3342 FIRST EDITION 1995

© Western Australia