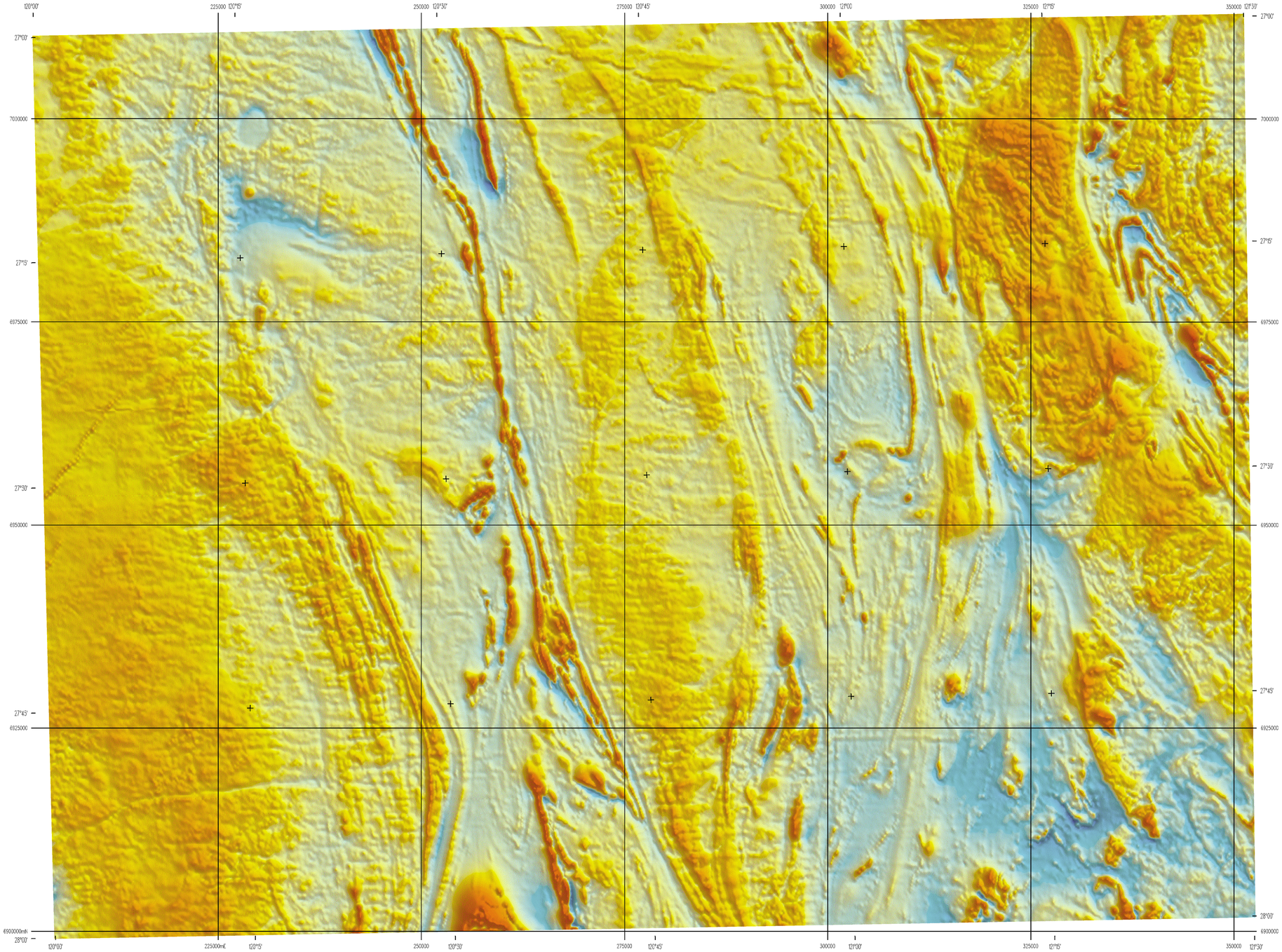
1:250 000 TOTAL MAGNETIC INTENSITY IMAGE

SIR SAMUEL

GEOLOGICAL SURVEY OF WESTERN AUSTRALIA

SHEET SG 51-13



SURVEY SPECIFICATIONS

Date flown	1993
Flown by	AGSO
Flight line spacing	400 m
Flight line direction	90 - 270 degrees
Tie line spacing	4000 m
Tie line direction	0 - 180 degrees
Terrain clearance	100 m
Navigation	GPS
Sample interval	7 m

PROCESSING

Data reduction by	AGSO
IGRF	Removed
Geodetic datum	AGD66
Map projection	Transverse Mercator AMG 51
Gridding by	GSWA (Intrepid v3.1)
Grid cell	100 m
Image processing by	GSWA (ER Mapper v5.1)
Illumination	Azimuth 45 Elevation 45
Compiled by	J.H. Watt
Geophysical project manager	G. Steemson

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 3459, Fax (09) 222 3444

Digital data available from AGSO Geophysical Mapping, GPO Box 378, CANBERRA, ACT 2601. Phone (06) 249 9223, Fax (06) 249 9986

The recommended reference for this map is: GEOLOGICAL SURVEY OF WESTERN AUSTRALIA, 1996. Sir Samuel, W.A., Sheet SG 51-13: Western Australia Geological Survey, Total Magnetic Intensity Image.

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WARNING: Inks are water soluble and will fade with prolonged exposure to light

GOVERNMENT OF WESTERN AUSTRALIA
HON. KEVIN MINSON, M.L.A.
MINISTER FOR MINES

DEPARTMENT OF MINERALS AND ENERGY
K.A. PERRY, DIRECTOR GENERAL

AGSO
AUSTRALIAN GEOLOGICAL SURVEY ORGANISATION

PIETRO GIULI
DIRECTOR, GEOLOGICAL SURVEY OF WESTERN AUSTRALIA

NGMA
PRODUCT OF THE NATIONAL GEOSCIENCE MAPPING ACCORD

SCALE 1:250 000

5000 0 5 10 15 20 25 30
METRES KILOMETRES

TRANSVERSE MERCATOR PROJECTION
Grid lines indicate 25 000 metre interval of the Australian Map Grid Zone 51

SIR SAMUEL
SHEET SG 51-13
Total Magnetic Intensity

FIRST EDITION 1996

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