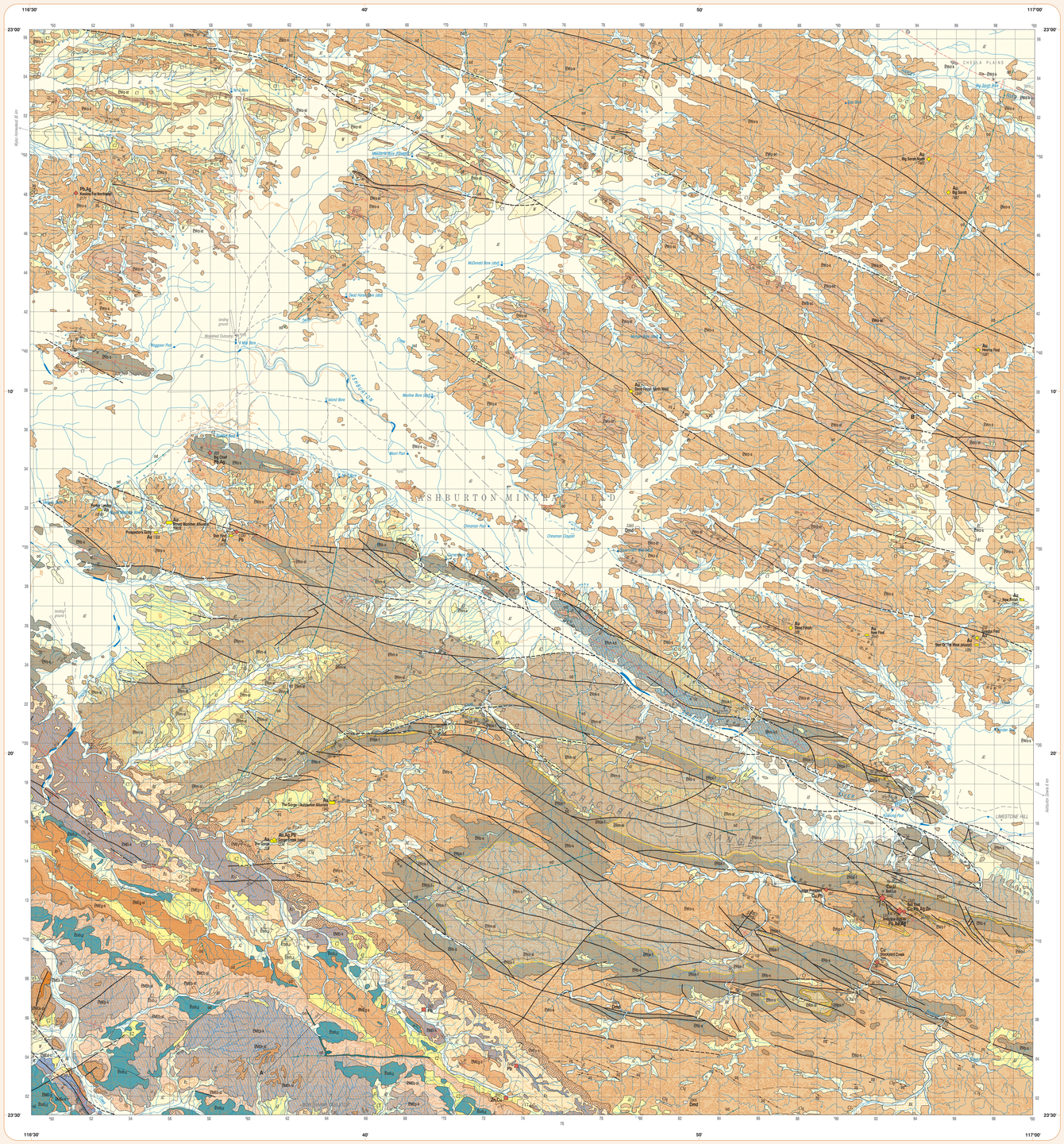
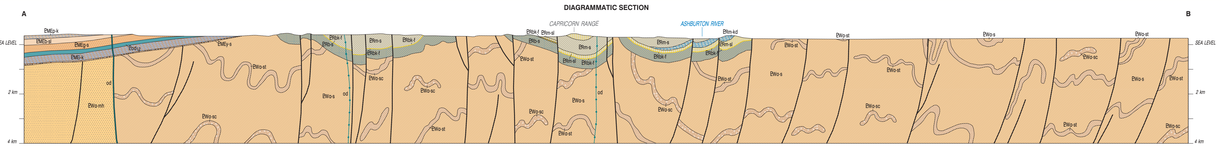
CAPRICORN

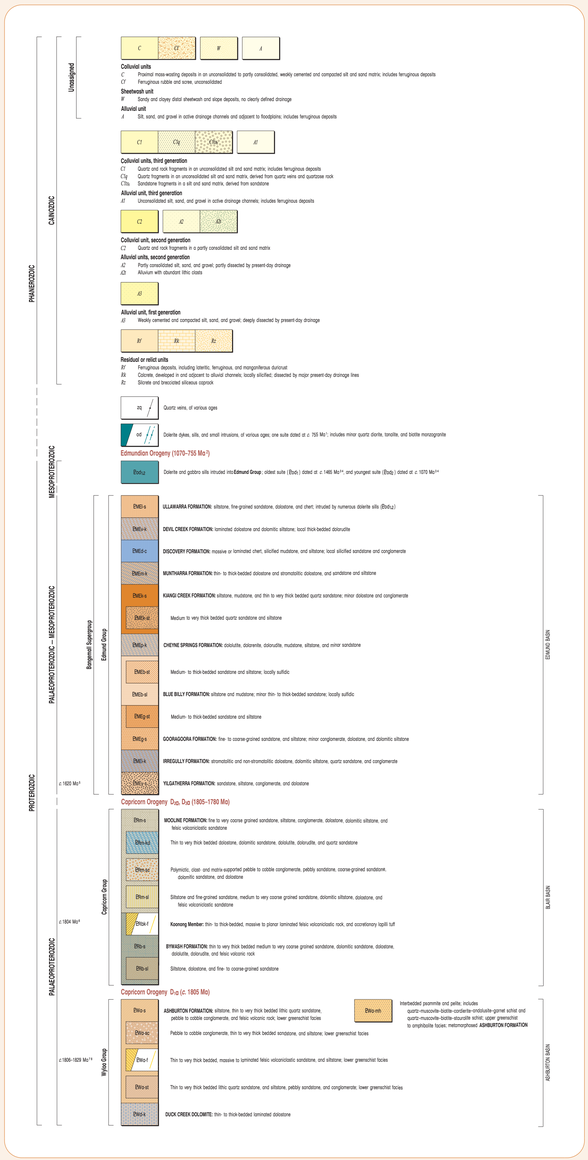
AUSTRALIA 1 : 100 000 GEOLOGICAL SERIES — **GEOLOGICAL SURVEY OF WESTERN AUSTRALIA** — **SHEET 2251**

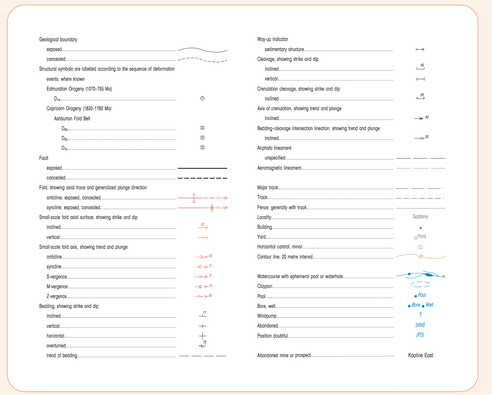


DIAGRAMMATIC SECTION

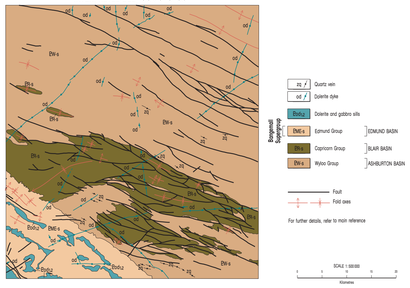


SHEET INDEX





INTERPRETED BEDROCK GEOLOGY



MINERAL OCCURRENCES

MINERALIZATION STYLES*

- Vein and hydrothermal
- Stratabound sedimentary
- Regolith hosted

MINERAL AND ROCK COMMODITY GROUPS

- Precious mineral
- Precious metal
- Industrial mineral

MINERAL AND ROCK COMMODITIES

Copper	Cu
Diamond	Dmd
Gold	Au
Lead	Pb
Silver	Ag
Uranium	U
Zinc	Zn

OPERATING STATUS AND SITE IDENTIFICATION NUMBER

Operating Mine	e.g. 13678
Abandoned mine	e.g. 2728
Mineral deposit	e.g. 1345
Mineral occurrence or prospect	e.g. 2327

Mineral occurrences and numbers are from the GSWA MAWIN dotabase
* Larger symbols represent mines or deposits sites in the DoIR MINEDEX dotabase

DATA DIRECTORY

Theme	Data Source	Data Currency	Agency
Geology	GSWA	1998 - 2004	Dept of Industry and Resources
Structural data	MARCK	NOV 2003	Dept of Industry and Resources
Mineral occurrences (non-confidential)	MINEDEX	JUN 2004	Dept of Industry and Resources
	MAWIN	JUN 2004	Dept of Industry and Resources
Cadastre	TENGRAPH	APR 2004	Dept of Industry and Resources
Horizontal control	GEOMAR	MAY 2004	Dept of Land Information
Topographic nomenclature	GEONOMA	APR 2004	Dept of Land Information
Topography	CU and GSWA field survey	2001	Dept of Land Information

Geology by D. B. Seymour and A. M. Thorne 1982–83, and I. A. Copp and D. McB. Martin 1998, and D. McB. Martin and A. M. Thorne 2001

Geochronology by:
[1] M. T. D. Wingate and J. M. Giddings, 2000, Precambrian Research, v. 100, p. 335–357.
[2] M. T. D. Wingate, 2002, GSWA Record 2002/4.
[4] D. R. Nelson, 2001, GSWA Record 2001/2, p. 19–22.
[5] D. R. Nelson, 1998, GSWA Record 1998/2, p. 194–197.
[6] C. E. Hall et al., 2001, Australian Journal of Earth Sciences, v.48, p. 731–744.
[7] GSWA, in prep., GSWA Record.
[8] K. N. Sircombe, 2003, Australian Journal of Earth Sciences, v. 50, p. 867–874.

Interpreted geochronology by:
[2] D. McB. Martin and A. M. Thorne, 2004, Precambrian Research, v. 128, p. 385–409.

Edited by F. Eddison and G. Luzar

Cartography by A. Fronzos, S. Collopy, D. Wallace, and B. Williams

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Web: www.doir.wa.gov.au/gswa , Email: geological-survey@doir.wa.gov.au

The recommended reference for this map is:
THORNE, A. M., MARTIN, D. McB., and COPP, I. A., 2004, Capricorn, W.A. Sheet 2251: Western Australia Geological Survey, 1:100,000 Geological Series

True north, grid north and magnetic north are shown diagrammatically for the centre of the map. Magnetic north is correct for 2004 and moves easterly by about 0.1° in 1 year.

Department of Industry and Resources
CLIVE BROWN, M.L.A.
MINISTER FOR STATE DEVELOPMENT
JIM LIMERICK
DIRECTOR GENERAL

Geological Survey of Western Australia
TIM GRIFFIN
DIRECTOR

SCALE 1:100 000

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

UNIVERSAL TRANSVERSE MERCATOR PROJECTION
HORIZONTAL DATUM: GEOCENTRIC DATUM OF AUSTRALIA 1994
VERTICAL DATUM: AUSTRALIAN HEIGHT DATUM

Grid lines indicate 1000 metre interval of the Map Grid Australia Zone 50

GDA — The Map Grid Australia (MGA) is based on the Geocentric Datum of Australia 1994 (GDA94)
GDA94 positions are compatible within one metre of the datum WGS84 positions

CAPRICORN

SHEET 2251 — **FIRST EDITION 2004**

Version 1.0 — June 2004

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