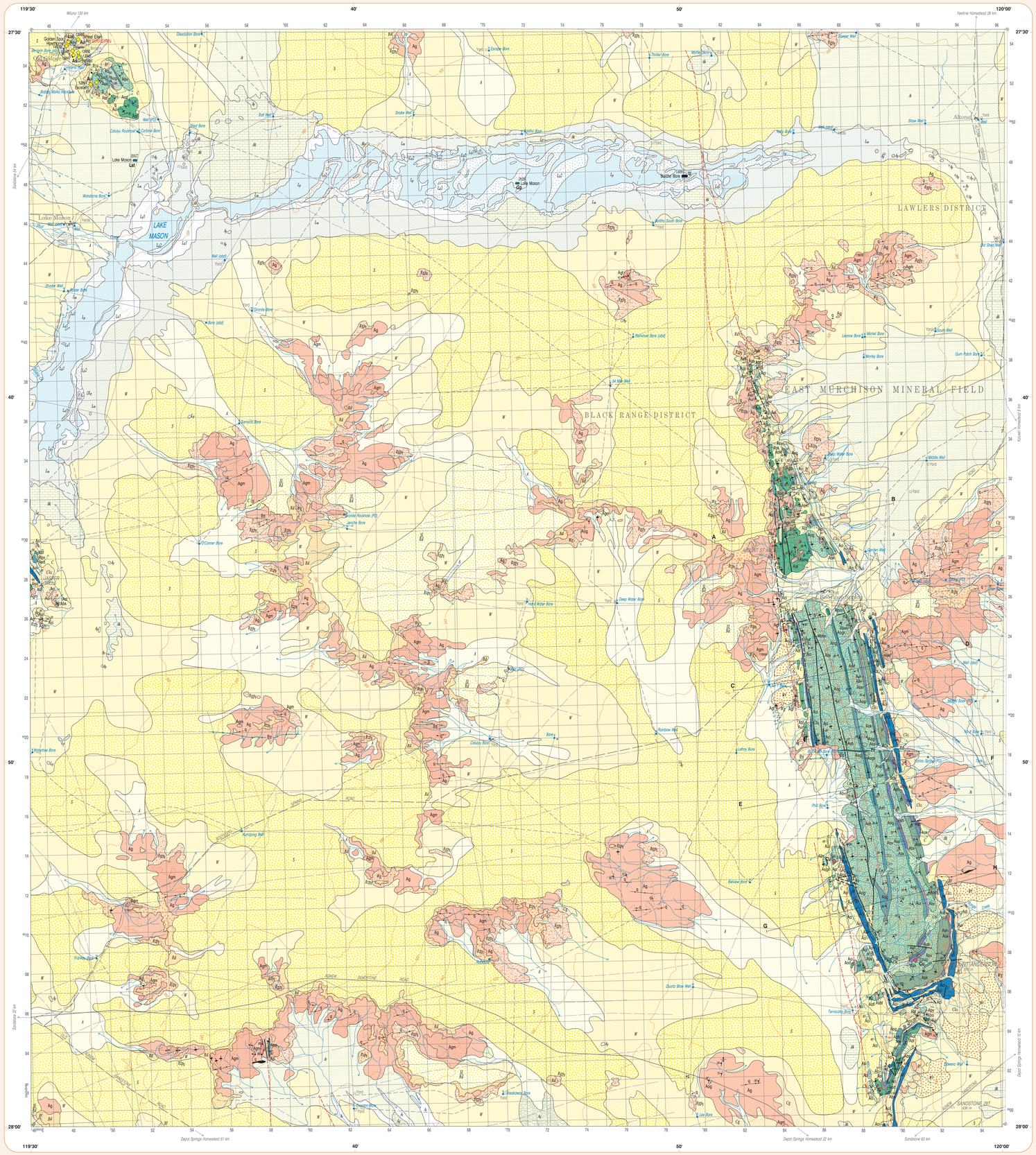
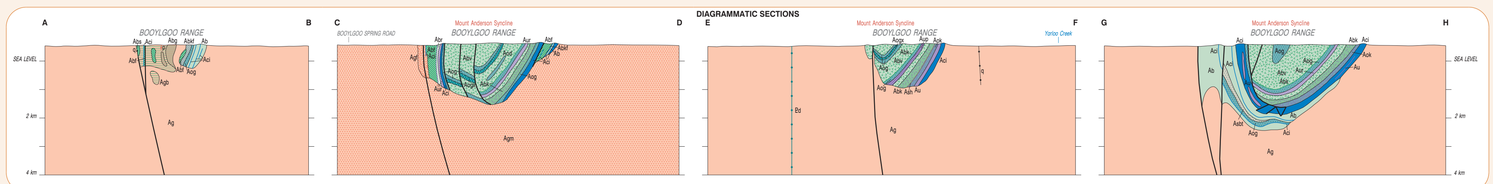
LAKE MASON

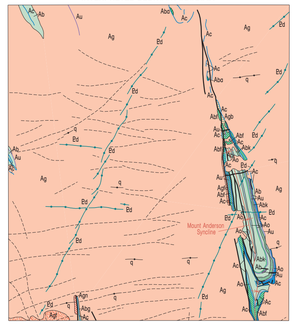
AUSTRALIA 1 : 100 000 GEOLOGICAL SERIES — **GEOLOGICAL SURVEY OF WESTERN AUSTRALIA** — **SHEET 2842**



DIAGRAMMATIC SECTIONS



INTERPRETED BEDROCK GEOLOGY



Bd / Mafic to ultramafic dykes

q / Quartz vein

Ag | Agb | Agf | Agm — Granite, mainly monzogranite; Granite with interleaved minor metamorphosed mafic, ultramafic, and sedimentary rock; Foliated granite, mainly monzogranite; Gneissic granite

Ac / Metamorphosed bonded iron-formation and minor chert

Au — Metagabbro

Ab | Abb | Abf | Abg | Abk / — Metabasalt rock dominant; Amphibolite; Strongly foliated mafic rock; Mafic rock interleaved with granite; Metamorphosed komatiitic basalt dominant

Au / — Metamorphosed ultramafic rock

Fault

Syncline

Fracture pattern

For further details, refer to main reference

YILGARN CRATON

SHEET INDEX

1:100 000 maps shown in black

1:250 000 maps shown in brown

MINERAL OCCURRENCES

MINERALIZATION STYLES *

- Vein and hydrothermal
- Regolith hosted

MINERAL AND ROCK COMMODITY GROUPS

- Precious metal
- Base metal
- Energy
- Industrial mineral

MINERAL AND ROCK COMMODITIES

Copper	Cu
Gold	Au
Gypsum	Gp
Limestone	Lst
Uranium	U

OPERATING STATUS AND SITE IDENTIFICATION NUMBER

Abandoned mine	e.g. 14339
Mineral deposit	e.g. 14991
Mineral occurrence or prospect	e.g. 20027

Mineral occurrences and numbers are from the GSWA WAMIN database.

*Larger symbols represent mines or deposits also in the DoIR MINEDEX database.

Geology by S. Wyche 2002

Geochronology by:
(1) D. R. Nelson, in prep., GSWA Record 2004/2.

Edited by F. Eddison and G. Loan

Cartography by D. Ludbrook, P. Taylor, and B. Williams

Mineralization and rock commodity information from non-confidential data held in the WAMIN database, GSWA, at 23 May 2003

Topography from the Department of Land Information Sheet SG 50-16, 2842, with modifications from geological field survey

Published by the Geological Survey of Western Australia. Digital and hard copies of this map are available from the Information Centre, Department of Industry and Resources, 100 Plain Street, East Perth, WA, 6004. Phone (08) 9222 3459, Fax (08) 9222 3444
Web www.doir.wa.gov.au Email geological.survey@doir.wa.gov.au

The recommended reference for this map is:
WYCHE, S., 2004, Lake Mason, W.A. Sheet 2842: Western Australia Geological Survey, 1:100 000 Geological Series

TN / GN / MN — GRID / MAGNETIC ANGLE 0.5°; GRID CONVERGENCE 1.3°

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 0 1 2 3 4 5 6 7 8 9 10
Metres — 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

Reference points to align maps based on the previous datum, AGD84, have been placed near the map corners

LAKE MASON

SHEET 2842 — **FIRST EDITION 2004**
Version: 1 — March 2004

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