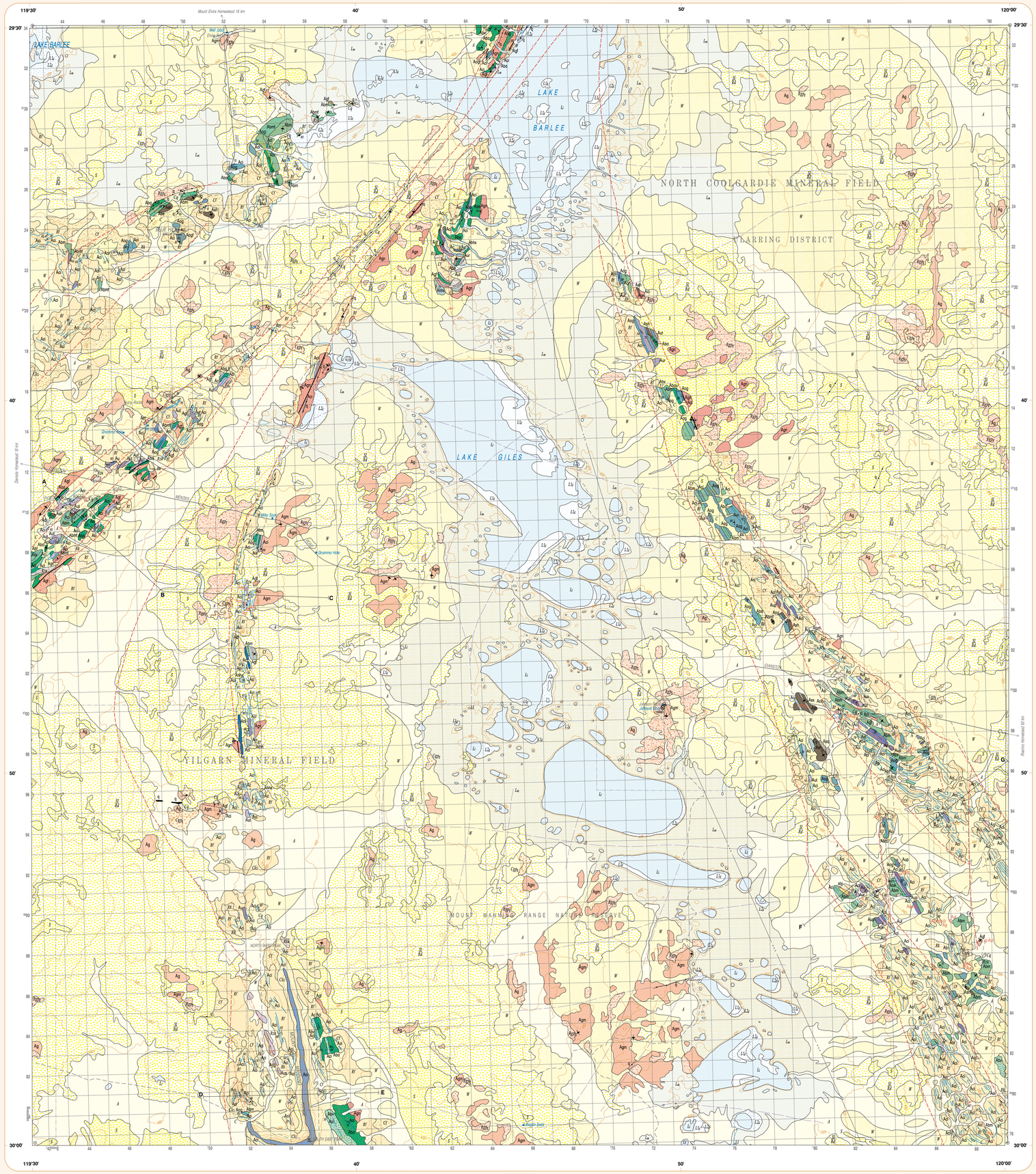
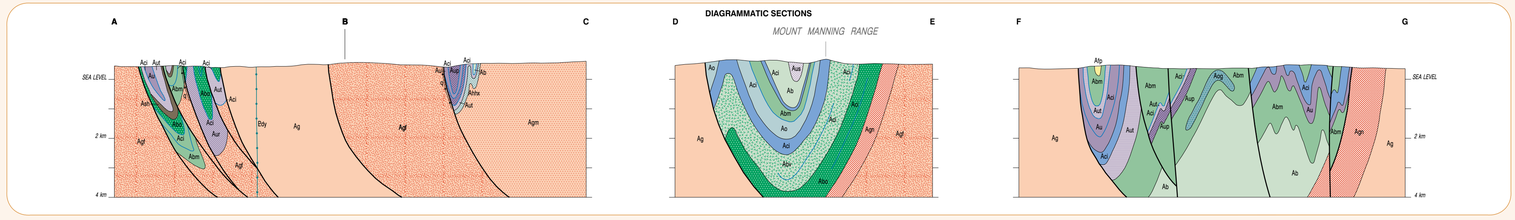
LAKE GILES

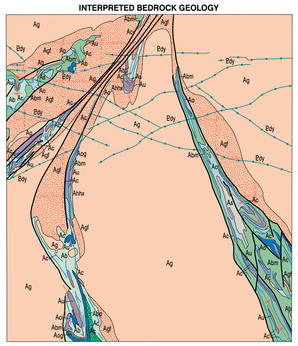
AUSTRALIA 1:100 000 GEOLOGICAL SERIES | **GEOLOGICAL SURVEY OF WESTERN AUSTRALIA** | **SHEET 2838**



DIAGRAMMATIC SECTIONS



INTERPRETED BEDROCK GEOLOGY



SCALE 1:500 000

Kilometres

- Etdy — Proterozoic mafic dyke
- Ag, Agf
  - Ag — Granitoid rock
  - Agf — Foliated to gneissic granitoid rock
- Ahhx — Hornblende–diopside–epidote(–grossular)–quartz hornfels
- As, Ac
  - As — Metasedimentary rock
  - Ac — Metamorphosed banded iron-formation and chert
- Ab, Abo, Abm
  - Ab — Metabasalt
  - Abo — Amphibolite
  - Abm — Metamorphosed high-Mg basalt dominant
- Ao, Aog
  - Ao — Coarse-grained mafic rock
  - Aog — Metagabbro
- Au — Ultramafic rock

YILGARN CRATON

SHEET INDEX

MALSAR 2836	BARLEE 2736 BARLEE	WARRICKI 2836	MOUNT WACON 2836	BALLARD 2836 MENZIES
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ROSS 2836	LEANDER RANGE 2736	LAKE GILES 2836	MULLINE 2836	RIVERVIEW 2836 MENZIES 2136
MOONGARNO 2837	JACKSON 2737 JACKSON	BUNGALBIN 2837	NEARNANGO 2837	DAYNUPERT 2837 KALGOORLIE
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1:100 000 maps shown in black

1:250 000 maps shown in brown

GOVERNMENT OF WESTERN AUSTRALIA
HON. NORMAN MOORE, M.L.C.
MINISTER FOR MINES

DEPARTMENT OF MINERALS AND ENERGY
L.C. RAWLORD, DIRECTOR GENERAL

NGMA
PRODUCT OF THE NATIONAL GEOSCIENCE MAPPING ACCORD

GEOLOGICAL SURVEY OF WESTERN AUSTRALIA
DAVID BLIGHT, 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

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

Geology by J. Greenfield 1998

Geochronology by D. R. Nelson

Edited by N. Tetlow and C. Brien

Cartography by D. Lodbrook and B. Williams

Topography from the Department of Land Administration Sheet SH 50-8, 2838 with modifications from geological field survey

Published by the Geological Survey of Western Australia. Copies available from the Information Centre, Department of Minerals and Energy, 100 Plain Street, East Perth, WA, 6004. Phone (08) 9222 3459. Fax (08) 9222 3444

This map is also available in digital form

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Western Australia Geological Survey, 1:100 000 Geological Series

LAKE GILES

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