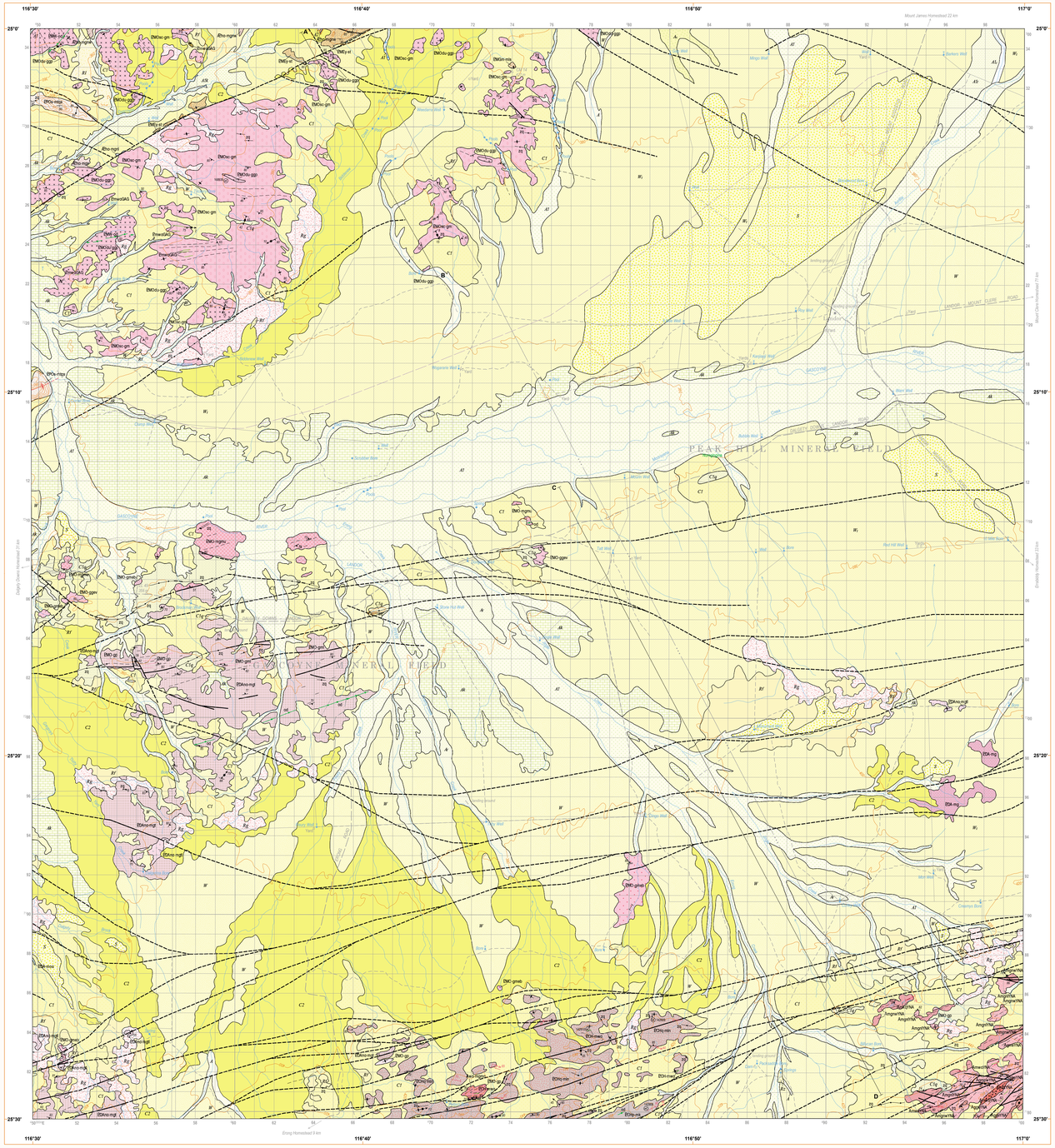
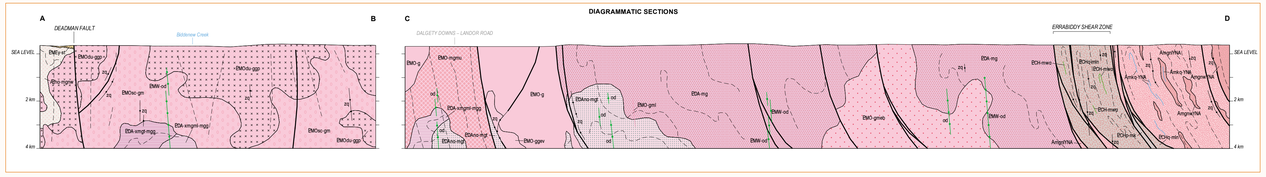
LANDOR

AUSTRALIA 1 : 100 000 GEOLOGICAL SERIES | **GEOLOGICAL SURVEY OF WESTERN AUSTRALIA** | **SHEET 2247**



DIAGRAMMATIC SECTIONS



Compiled by SP Johnson 2011

Bangemall Supergroup and Gascoyne Province geology by S Sheppard and SA Occhipinti 1997

Geochronology from CGWA data (published and in preparation) and interpreted from external sources (listed below). Some CGWA geochronology may come from samples obtained on adjoining map sheets. CGWA geochronology data are available online at <http://www.dmp.wa.gov.au/geochron>.

Geochronology by:
(1) Wingate, MTD and Giddings, JW, 2000, Precambrian Research, v. 100, p. 335–357
(2) Sheppard, S, et al. 2007, Journal of Metamorphic Geology, v. 25, p. 477–494
(3) Sheppard, S, et al. 2005, Australian Journal of Earth Sciences, v. 52, p. 443–460
(4) Evans, DAD, et al. 2003, Australian Journal of Earth Sciences, v. 50, p. 853–864

Cartography by PJ Backhouse

Edited by SR White and K Greenberg

Published by the Geological Survey of Western Australia

This map is published in digital format (PDF) and is available online at <http://www.dmp.wa.gov.au/GSWApublications>. Copies of this map are available from the Information Centre, Department of Mines and Petroleum, 100 Plain Street, East Perth, WA 6004.
Phone (08) 9222 3459 Fax (08) 9222 3444
Website <http://www.dmp.wa.gov.au/gswa> Email geological.survey@dmp.wa.gov.au

The recommended reference for this map is:
Sheppard, S, Occhipinti, SA and Johnson, SP 2011, Landor, WA Sheet 2247 (2nd edition). Geological Survey of Western Australia, 1:100 000 Geological Series.

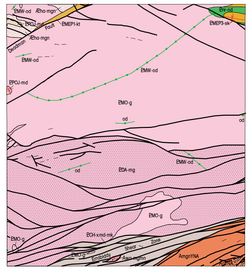
DATA DIRECTORY

Theme	Date Currency	Organization[1]
Geology *	2011	Geological Survey of Western Australia, Department of Mines and Petroleum
Structural data *	1997	Geological Survey of Western Australia, Department of Mines and Petroleum
Horizontal control	MAR 2011	Landgate
Topographic nomenclature	2010	Landgate
Topography	2010	Landgate
Contours	2010	Geoscience Australia (Commonwealth)

* DMP data can be viewed interactively via GeoVIEW.WA <http://www.dmp.wa.gov.au/geoview>, and related datasets can be downloaded from the CGWA Data and Software Centre <http://www.dmp.wa.gov.au/datacentre>

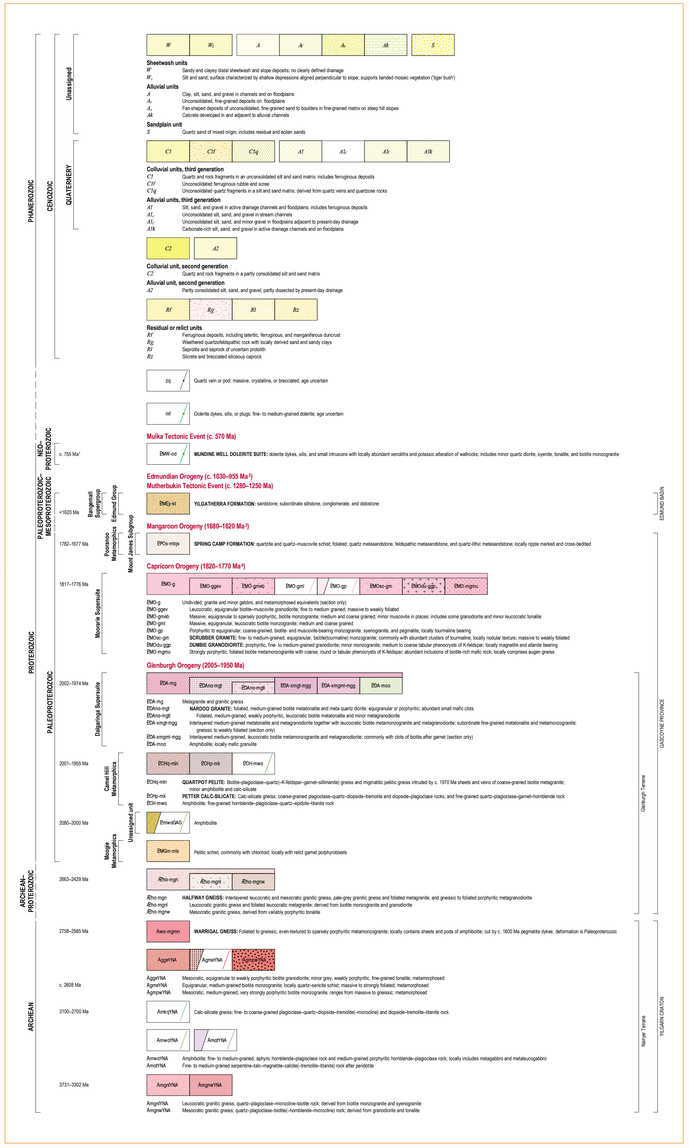
[1] WA State Government unless otherwise indicated

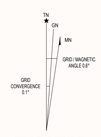
INTERPRETED BEDROCK GEOLOGY



od	Dolerite dyke	
EMMI-od	Mundine Well Dolerite Suite	Neoproterozoic
Bw-od	Nairnburnna Dolerite	
ENDP3-ss	Depositional Package 3 (Kiang Creek Formation)	Bangemall Supergroup (Edmund Group)
ENDP1-ss	Depositional Package 1 (Yrigatherra, Irregully Formations)	
EPOJ-mvd	Mount James Subgroup	Paleoproterozoic Mesoproterozoic
ENO-g	Moorarie Supersuite	
EDA-mg	Dalgarringa Supersuite	
EOH-k-md-mb	Camel Hills Metamorphics	
Ahb-mgn	Halfway Gneiss	Archean
Awo-mgmn	Warrigal Gneiss	
Agp/NA	Granitic rocks, undivided	
Amgn/NA	Granitic Gneiss; locally migmatitic	

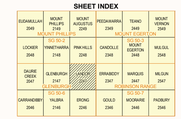
For further details refer to main reference





True north, grid north, and magnetic north are shown diagrammatically for the centre of the map. Magnetic north is correct for 2011 and moves westerly by approx. 55′ annually

SHEET INDEX



1 : 100 000 maps shown in black
1 : 250 000 maps shown in brown

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Government of **Western Australia**
Department of **Mines and Petroleum**

HON. NORMAN MOORE, M.L.C.
MINISTER FOR MINES AND PETROLEUM

Geological Survey of Western Australia

RICK ROGERSON
EXECUTIVE DIRECTOR

SCALE 1 : 100 000

1500 0 1 2 3 4 5 6 7 8 9 10
Metres Kilometres

UNIVERSAL TRANSVERSE MERCATOR PROJECTION
HORIZONTAL DATUM: GEODETIC 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

LANDOR

SHEET 2247 | **SECOND EDITION 2011**

Version 1.0 — June 2011

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