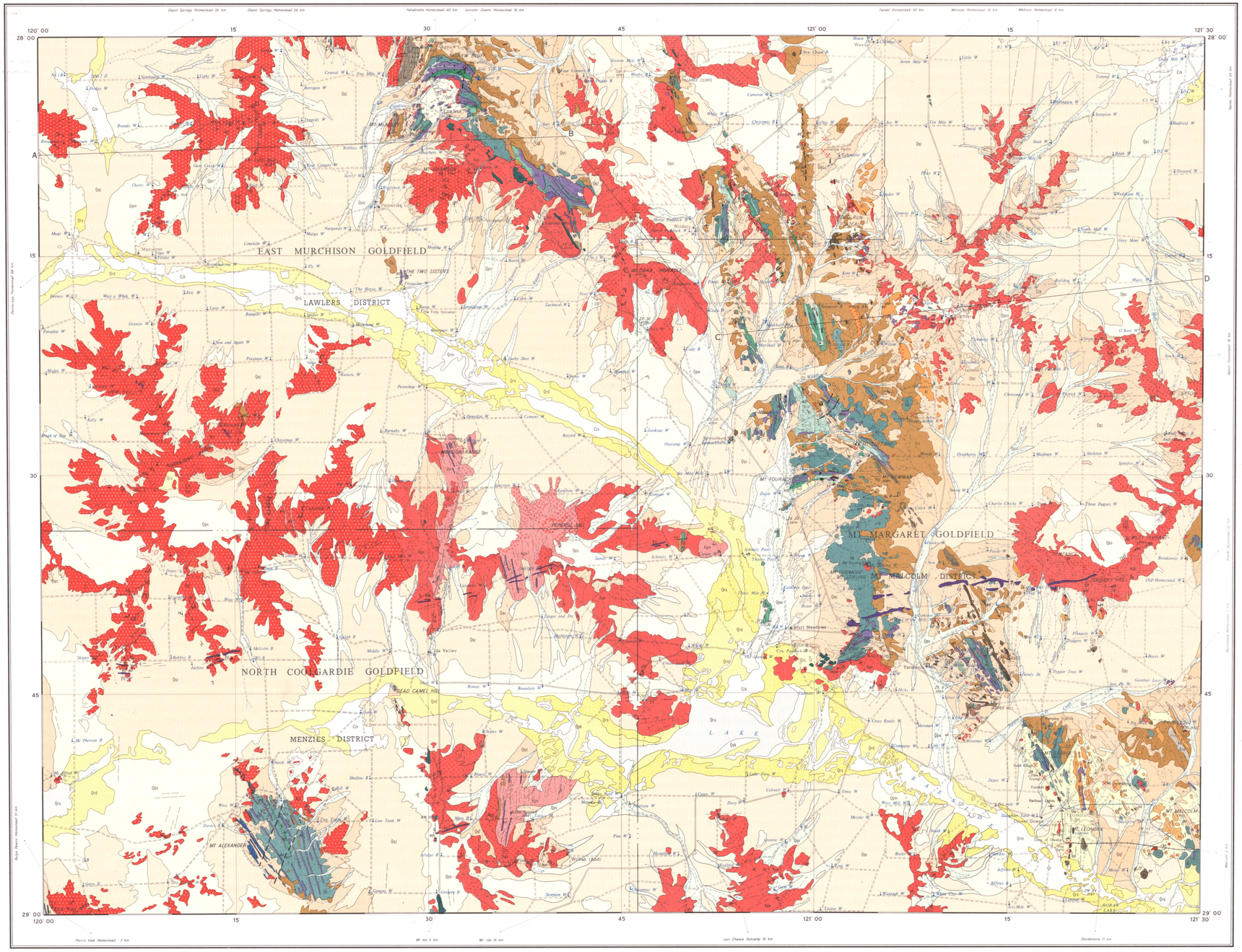
LEONORA

AUSTRALIA 1 : 250 000 GEOLOGICAL SERIES

GEOLOGICAL SURVEY OF WESTERN AUSTRALIA

SHEET SH 51 - 1



SYMBOLS

Geological boundary
Fault, approximate
Top of unit
- Graded bedding
- Cross bedding
- Differentiation of igneous bodies
- Pillow structures

Bedding
- Measured
- Vertical

Cleavage
- Measured
- Vertical

Foliation (undifferentiated)
- Measured
- Vertical
- Horizontal
- Dip undetermined

Lineation
- Azimuth and plunge

Photo-lineament

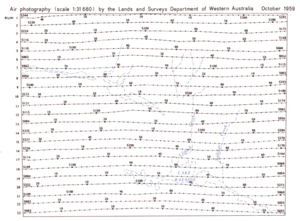
Goldfield boundary
Formed road
Track
Railway, 3' 6"
Telegraph line
Townsite, gazetted — Leonora
Homestead — ● Bundarra
Building
Yard
Locality — Andardie
Horizontal control...major, minor
Bench mark, height accurate — Cb.2 1260
Airfield
Landing ground
Low scarp or breakaway
Dune, lunette, sandridge
Abandoned — (Abd)

Watercourse, intermittent
Well — • W
Bore — • B
Soak — • Sk
Spring — • S
Rockhole — • RH
Windpump
Dam — o D
Pipeline — P

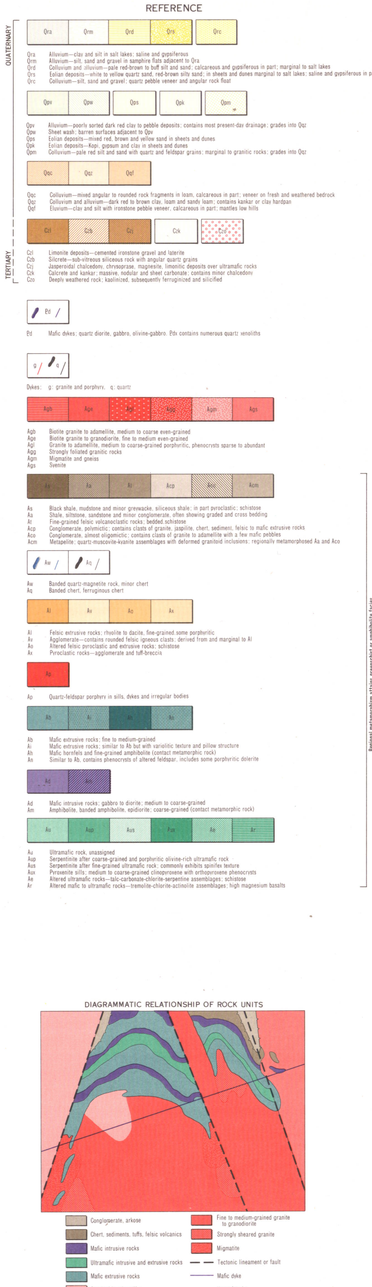
Mining centre (gold unless otherwise indicated) — WILSONS PATCH
Mine (gold unless otherwise indicated) — Sons of Gwalia
Prospect (gold unless otherwise indicated)
Battery
Battery, abandoned
Mineral occurrence
- Lead — Pb
- Molybdenum — Mo
- Nickel — Ni

FLIGHT DIAGRAM

Air photography (scale 1:31 680) by the Lands and Surveys Department of Western Australia — October 1959



REFERENCE



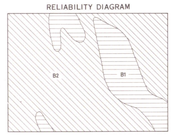
DIAGRAMMATIC RELATIONSHIP OF ROCK UNITS

Compiled by Geological Survey of Western Australia. Cartography by Geological Drafting Section, Mines Department. Topographic base from compilations by Lands and Surveys Department.

Published by Bureau of Mineral Resources, Geology and Geophysics, Department of National Development, Canberra, A.C.T.

Copies of this map may be obtained from the Geological Survey of Western Australia, in Perth; or the Bureau of Mineral Resources, Geology and Geophysics in Canberra, A.C.T.

RELIABILITY DIAGRAM



B1 Numerous traverses with air photo interpretation
B2 Air photo interpretation with a few traverse

HON. A. MENSAROS, M.L.A.
MINISTER FOR MINES

J. H. LORD, DIRECTOR, GEOLOGICAL SURVEY

SCALE 1 : 250 000

5 0 5 10 15 20 25 30 Kilometres
5 0 5 10 15 Miles

TRANSVERSE MERCATOR PROJECTION
ZONE 2 AUSTRALIA SERIES

INDEX TO ADJOINING SHEETS

SANDSTONE SG 50 - 16	SIR SAMUEL SG 51 - 13	DUKETON SG 51 - 14
YOUANMI SH 50 - 4	LEONORA SH 51 - 1	LAVERTON SH 51 - 2
BARLEE SH 50 - 8	MENZIES SH 51 - 5	EDJUDINA SH 51 - 6

Geology by R. Thom and R. G. Barnes, 1972

DECLINATION DIAGRAM

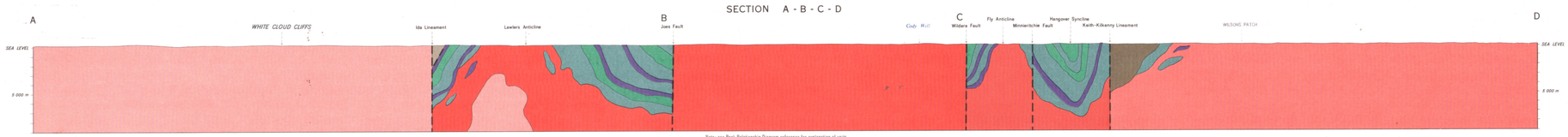
The lines indicate magnetic declination, 1975. To convert magnetic bearing to true bearing, declination must be added to compass bearing to give true bearing. (-) means declination is west and correction must be subtracted from compass bearing to give true bearing.

Annual change is 1° westerly

DIAGRAMMATIC SECTION

– NATURAL SCALE
Topography omitted

SECTION A - B - C - D



Note: see Rock Relationship Diagram reference for explanation of units

LEONORA
SHEET SH 51-1

FIRST EDITION 1975

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