

SYMBOLS

- Geological boundary
Fault
Belt zone
Folds
plunge of minor anticline
plunge of minor asymmetric fold
Banding
inclined
horizontal
Mineral orientation in igneous rocks
relaxation inclined
vertical
tread
tread
Metamorphic foliation
inclined
vertical
tread
tread
Lineation, plunge
inclined
vertical
tread
tread
Air photo lineament
Fossil wood
Macrofossil
- Highways with national route marker
Formed road
Track
Railway 2' 30" with siding
Railway 2' 30" abandoned
Power line
Township gazetted
Population more than 10 000
1000 - 10 000
less than 1000
- Locality
Airfield
Bridge
Horizontal control - major, minor
Bench mark, height accurate
Sand dune
Small island, rock
Subsided sand
Watercourse, perennial
intermittent
Spring
Pool
Dam
Permanent water
- Min. not being worked
Open cut
Open cut not being worked
Prospect
Mineral occurrence
Barite
Building stone (quartzite)
Gold
Graphite
Kaolin
Limestone
Molybdenum
Quartz
Pebble clay
State

REFERENCE

- Q1 Sand - beach and dune unconsolidated mobile sand
Q2 Estuarine and lagoonal deposits - clay, silt and sand
Q3 Sand dunes on - sparse littoral - vegetation
Q4 Limestone - cross bedded calcareous sand in calcareous matrix
Q5 White quartz sand on, and adjacent to, limestone
- Q6 Clay, silt, sand and gravel in watercourse
Q7 Lake and stream deposits - sand, silt, clay may be saline and/or gypsumiferous
Q8 Mixed alluvium and lake deposits with sand dunes - marginal to lake, gypsumiferous in part
Q9 Coloured - sand, silt, clay
- C1a Alluvium and calcareous - pebbles, sand, silt and clay, includes unconsolidated as well as laterized (shaded) deposits present in old flat-bottomed valleys which contain lake sand - with grey or brown carbonate concretions, can be siliceous and/or calcareous
C1b Lignite - massive and plastic deposits, includes both in situ and clastic types interbedded with sandstone
C1c Silts - includes thin bedded sandstone
- Ts Sandstone, medium-grained, friable
Tp PLANTAGENET GROUP - mostly PALLINUP SILTSTONE, argillaceous with minor siltstone and sandstone, includes Nanarup Limestone Member of the WELLPUP FORMATION

- Q1 Q2 Q3 Q4 Q5
Q6 Q7 Q8 Q9
C1a C1b C1c
Ts Tp

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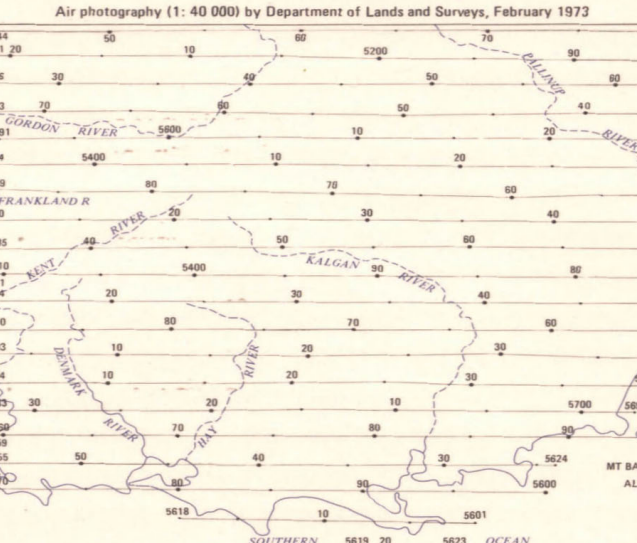
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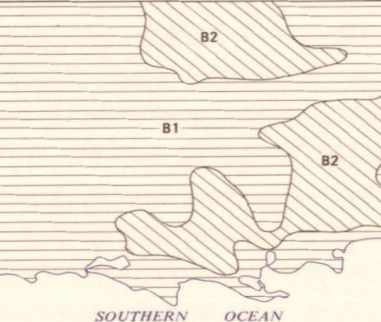
FLIGHT DIAGRAM



Compiled and published by the Geological Survey of Western Australia. Cartography by the Geological Mapping Section, Department of Mines. Topographic base from compilation by the Department of Lands and Surveys.
Copies of this map may be obtained from the Geological Survey of Western Australia, 68 Adelaide Terrace, Perth.



RELIABILITY DIAGRAM



B1 Numerous coverages with a few traverses
B2 Air photo interpretation with a few traverses



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A. F. TRENDALL, DIRECTOR, GEOLOGICAL SURVEY DIVISION

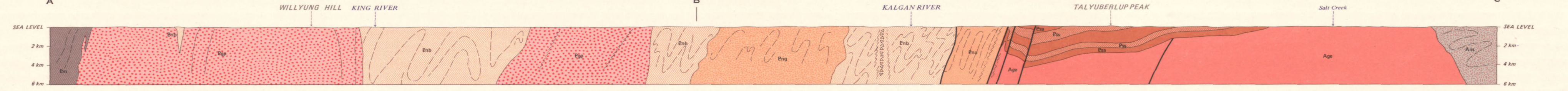
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TRANSVERSE MERCATOR PROJECTION
ZONE 50 AUSTRALIAN MAP GRID

DIAGRAMMATIC SECTION

NATURAL SCALE

SECTION A - B - C



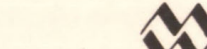
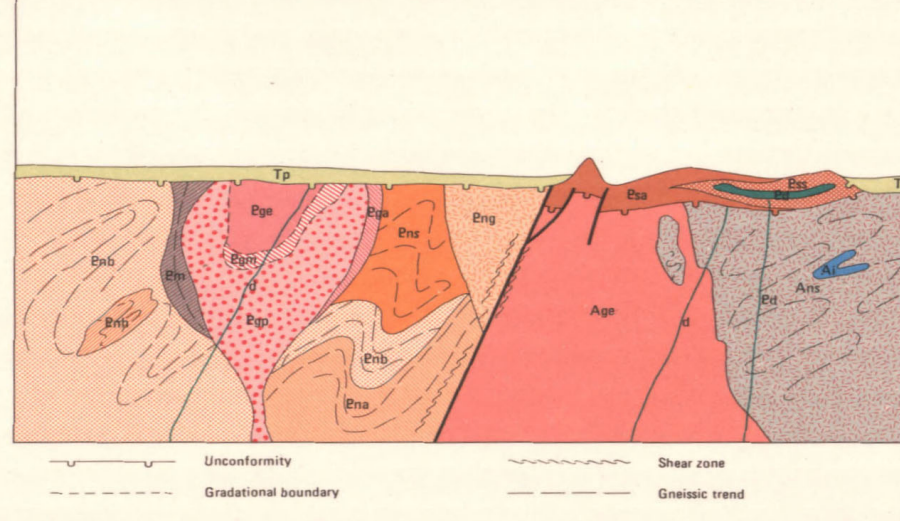
INDEX TO ADJOINING SHEETS

COLLIE SI 50 - 6	DUMBLEYUNG SI 50 - 7	NEWGATE SI 50 - 8
PENBERTON SI 50 - 10, 14	MT BARKER - ALBANY SI 50 - 11, 15	DREWER BAY SI 50 - 12

DECLINATION DIAGRAM



DIAGRAMMATIC RELATIONSHIP OF PRINCIPAL ROCK UNITS



MT BARKER-ALBANY
SHEET SI 50 - 11 AND PART OF SHEET SI 50 - 15
FIRST EDITION 1964
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