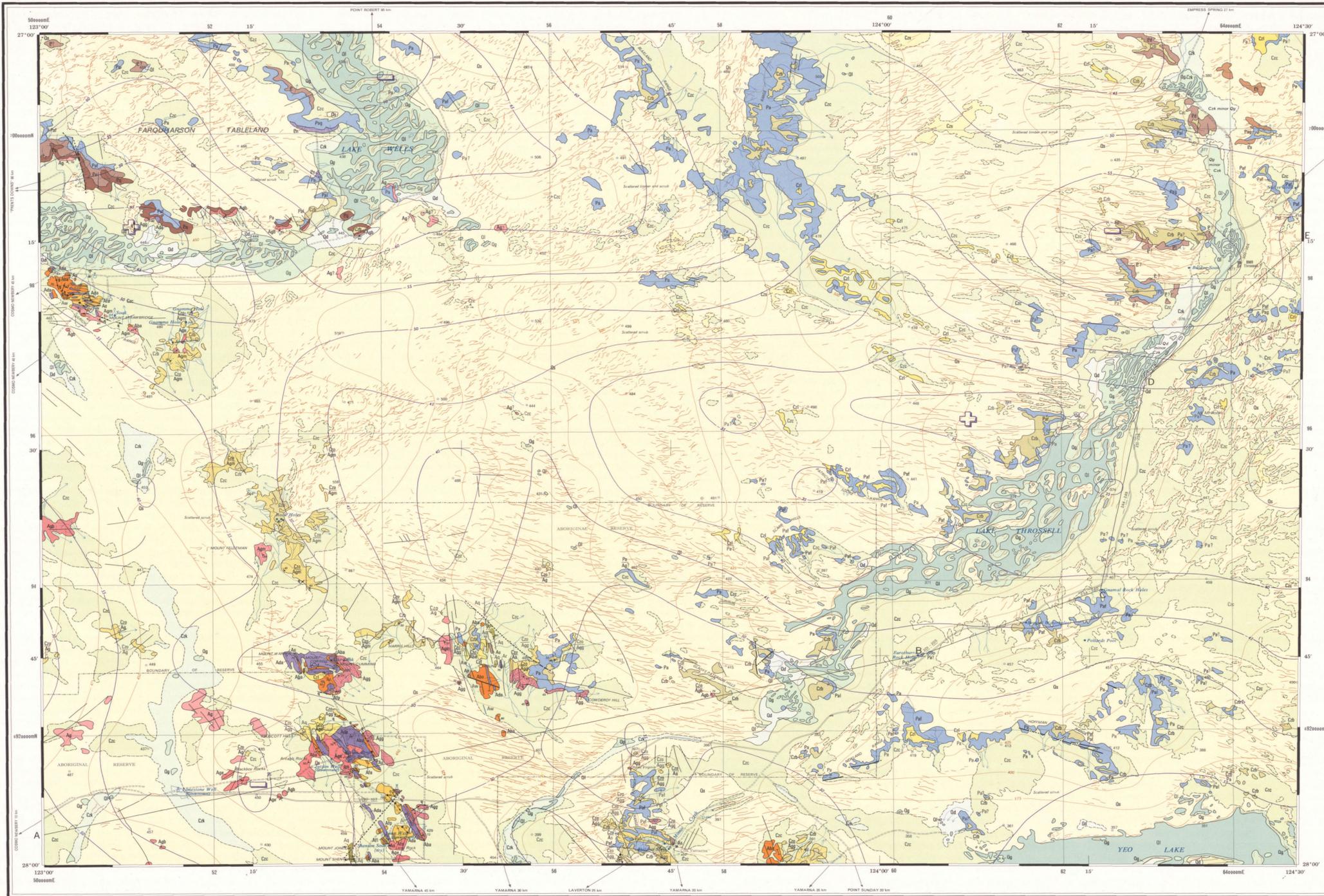


Reference

- Geological boundary
- Fault (to, u) indicates relative movement down, up
- Plunge of subsidiary fold
- Where location of boundaries, folds and faults is approximate, line is broken, where inferred, dotted; where concealed, boundaries and folds are dotted, faults are shown by short dashes
- Strike and dip of strata
- Strike and dip of strata, unmeasured
- Vertical strata
- Trend line
- Joint pattern - airphoto interpretation
- Lineament
- Strike and dip of foliation
- Strike and dip of foliation, dip indeterminate
- Strike and dip of cleavage
- Strike and dip of cleavage
- Vertical cleavage
- Direction and plunge of lineation
- BMR Stratigraphic hole
- Dyke, q-quartz, g-granite
- Prospect, little or no production, abandoned
- Minor mineral occurrence
- Copper
- Bore
- Abandoned bore
- Windpump
- Well
- Waterhole
- Ephemeral stream
- Sand dunes
- Form line in metres
- Road
- Vehicle track
- Fence
- Homestead
- Landing ground
- Astronomical station
- Elevation in metres, approximate
- Position approximate
- Abandoned
- 300-324 Seismic traverse line (BMR 1972) with shot point numbers
- Seismic reflecting horizon, good to fair quality
- Seismic reflecting horizon, poor to questionable quality
- Seismic reflecting horizon showing velocity (m/sec)
- Grav. station with elevation in metres
- Isogal
- Grav. anomaly - relative high
- Grav. anomaly - relative low

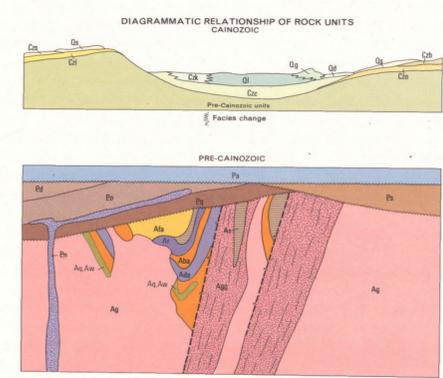


Reference

- Qd Clay, silt, sand; marginal to salt lakes; colluvium, minor alluvium
- Ql Clay, silt and sand, saline and gypsumiferous; lacustrine
- Q2 Gypsum and quartz sand; marginal to salt lakes; aeolian
- Qs Red to yellow quartz sand; longitudinal dunes and plains; aeolian
- Qc Poorly sorted clay, silt, sand and rock fragments; colluvium, minor alluvium
- Ca Nodular and cavernous limestone and sandy limestone; minor chert; nodular and clay; calcrite
- Cs Red quartz sand, ferruginous pisolite, minor clay; residual lateritic soil, in part deflated
- Cl Pisolite, nodular and massive laterite
- Cb Sub-vitreous siliceous rock with angular quartz grains, commonly ferruginized; silcrete
- Cc Kaolinitic, partly ferruginized and silicified crystalline rocks; weathered basement
- Pa Undivided, includes one or more of the following facies:
 - Pa1 Coarse, poorly sorted sandstone, conglomerate, minor siltstone; dominantly friable
 - Pa2 Claystone, siltstone, fine sandstone, some erratic rare sars; lacustrine and glacio-lacustrine
 - Pa3 Tuffite; minor sandstone, siltstone, conglomerate; glaciene
- Ex Flaggy quartz arenite, well sorted, some large-scale cross bedding; ripple marks; minor chert
- Ds Dolerite
- Et Dolomitic, dolomitic siltstone and oolitic sandstone; abundant stromatolites; minor chert
- Ea Multicoloured oolitic sandstone, flaggy to fossiliferous sandstone and siltstone
- Qz Quartz arenite, quartzite, well sorted silicified; minor gneissite
- Ag Undivided granitic rocks
- Agb Medium to coarse granite and adamellite
- Agc Fine to medium granite and adamellite
- Agd Strongly foliated adamellite and granodiorite
- Age Mixed granitic rocks, fine to coarse granite to granodiorite, some relict structures
- Aq Banded chert, minor phyllite and banded iron formation
- Av Quartz - magnetite banded iron formation, minor chert
- Ala Felsic volcanic rocks, metamorphosed; mostly pyroclastic with minor lavas and pebbles; rocks
- Alb Fine felsic volcanic rocks, mainly lavas, minor tuff
- Alp Quartz-feldspar porphyry
- Am Metamorphosed sedimentary rocks, phyllite and micaceous schist, metasilstone
- As Black siliceous shale
- Adc Medium to coarse mafic rock; metabasalt, amphibolite
- Abc Fine mafic rock, metabasalt amphibolite
- Ar Tremolite-chlorite-felsic assemblages; mafic to ultramafic; includes high magnesium basalt

QUATERNARY
CAINOZOIC
EARLY PERMIAN
ADELAIDEAN
CARPENTARIAN
PROTEROZOIC
PALAEOZOIC
ARCHAEAN

*Subdivisions of the Precambrian time-scale used by the Geological Survey of Western Australia, shown in grey.



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Showing Magnetic Declination 1975

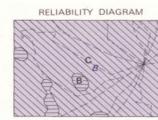
WESTERN AUSTRALIA	123° 00' E	123° 30' E	124° 00' E	124° 30' E	125° 00' E
SG 51-14	SG 51-15	SG 51-16	SG 51-17	SG 51-18	SG 51-19
SG 51-13	SG 51-14	SG 51-15	SG 51-16	SG 51-17	SG 51-18
SG 51-12	SG 51-13	SG 51-14	SG 51-15	SG 51-16	SG 51-17
SG 51-11	SG 51-12	SG 51-13	SG 51-14	SG 51-15	SG 51-16
SG 51-10	SG 51-11	SG 51-12	SG 51-13	SG 51-14	SG 51-15
SG 51-9	SG 51-10	SG 51-11	SG 51-12	SG 51-13	SG 51-14
SG 51-8	SG 51-9	SG 51-10	SG 51-11	SG 51-12	SG 51-13
SG 51-7	SG 51-8	SG 51-9	SG 51-10	SG 51-11	SG 51-12
SG 51-6	SG 51-7	SG 51-8	SG 51-9	SG 51-10	SG 51-11
SG 51-5	SG 51-6	SG 51-7	SG 51-8	SG 51-9	SG 51-10
SG 51-4	SG 51-5	SG 51-6	SG 51-7	SG 51-8	SG 51-9
SG 51-3	SG 51-4	SG 51-5	SG 51-6	SG 51-7	SG 51-8
SG 51-2	SG 51-3	SG 51-4	SG 51-5	SG 51-6	SG 51-7
SG 51-1	SG 51-2	SG 51-3	SG 51-4	SG 51-5	SG 51-6



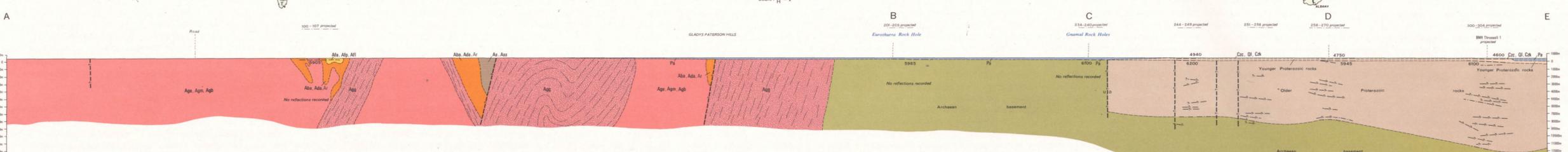
Scale 1:250 000
25 KILOMETRES

GREY NUMBERED LINES ARE 50 000 METRE INTERVALS OF THE AUSTRALIAN MAP GRID, ZONE 51 TRANSVERSE MERCATOR PROJECTION

Section
Thin Cainozoic units omitted
Scale: 1/1



Geology B Detailed reconnaissance and airphoto interpretation
C General reconnaissance: low traverses, mainly airphoto interpretation
Gravity B Reconnaissance



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