

REFERENCE

QUATERNARY

- Qc Collosum - quartz and rock fragments in loam, unconsolidated, forming terraces and river stages
- Qd Collosum and alluvium - unconsolidated sand and silt in drainage lines, mostly with low sandstone and banks
- Qe Alluvium - unconsolidated sand, silt and gravel in drainage lines and adjacent floodplains
- Qf Lake deposits - clay, silt and gravel, some and gravel
- Qg Deposits marginal to salt lakes - mainly saline quartz sand and gypsum brines, contains numerous small claypanes

TERTIARY

- Cn Collosum in dunes and sheets overlying Qc, contains laminar gravel in places
- Ck Valley alluvium - sheet carbonaceous loam and gravel, developed on various rocks of pretertiary belts
- Cd Collosum in dunes and sheets overlying Qc, contains laminar gravel in places
- Ce Siliceous spar, brown, fawn and cream in colour, developed on various rocks of pretertiary belts
- Cf Siliceous spar, brown, fawn and cream in colour, developed on various rocks of pretertiary belts
- Cg Siliceous spar, brown, fawn and cream in colour, developed on various rocks of pretertiary belts

EARLY PROTEROZOIC

- E1c Shale and sandstone, contains detrital magnetite
- E1d Heavy quartz sandstone, cross bedded, minor conglomerate (FALGOUT SANDSTONE)
- E2c Chlorite, talc and dolomite schist, dolomite plugs
- E2d Quartz vein

ARCHAIC

- A1c Unaltered gneiss
- A1d Biotite gneiss, admetalline, granodiorite and tonalite, well-sorted
- A1e Biotite gneiss, admetalline and granodiorite, porphyritic with microcline megacrysts
- A1f Biotite admetalline and granodiorite, well-sorted, with sparse feldspar megacrysts, commonly has biotite enrichment and radiating banding, coarse grained, granitic texture
- A1g Biotite admetalline and granodiorite, sparse to abundant feldspar megacrysts, commonly aligned, radiating banding defined by megacrysts and biotite contrast, granitic texture
- A1h Mixed gneiss, A1g and A1f in approximately equal amounts, not well-sorted by admetalline and granodiorite
- A1i Granodiorite and admetalline gneiss, fine to medium-grained, quartz veins, radiating banding, granitic texture
- A1j Mixture of granodiorite and recrystallized gneiss, heterogeneous facies marginal to plutonic complex
- A1k Medium to fine grained, medium to coarse grained, quartz rich, contains accessory fluorite
- A1l Laminar admetalline, medium to coarse grained, sparse biotite aligned to chlorite
- A1m Hornblende gneiss and granodiorite, unaltered, contains coarse small relict xenoliths
- A1n Biotite tonalite, megacrystic texture, dark grey in colour
- A1o Biotite tonalite, megacrystic texture, dark grey in colour
- A1p Biotite tonalite, megacrystic texture, dark grey in colour
- A1q Biotite tonalite, megacrystic texture, dark grey in colour
- A1r Biotite tonalite, megacrystic texture, dark grey in colour
- A1s Biotite tonalite, megacrystic texture, dark grey in colour
- A1t Biotite tonalite, megacrystic texture, dark grey in colour
- A1u Biotite tonalite, megacrystic texture, dark grey in colour
- A1v Biotite tonalite, megacrystic texture, dark grey in colour
- A1w Biotite tonalite, megacrystic texture, dark grey in colour
- A1x Biotite tonalite, megacrystic texture, dark grey in colour
- A1y Biotite tonalite, megacrystic texture, dark grey in colour
- A1z Biotite tonalite, megacrystic texture, dark grey in colour

SYMBOLS

Geological boundary

- Fault
- scarp
- inverted
- recent (?) fault line
- Fold axial trace
- anticline
- syncline
- unconformity
- bedding
- inclined
- vertical
- Facing
- graded bedding
- layered all
- yellow structures in loam
- Primary alignment of phanerocysts
- and radiating lamination in granitoid
- vertical
- horizontal
- Monoclinic foliation and compositional
- layering in gneiss rocks
- inclined
- vertical
- horizontal
- Monoclinic foliation and cleavage
- inclined
- vertical
- Secondary foliation in granite and gneiss
- Lithiation and minor fold axes
- trend and plunge
- Shear or mylonite zone
- Air photo lineament
- Heritage line

Mineral field boundary

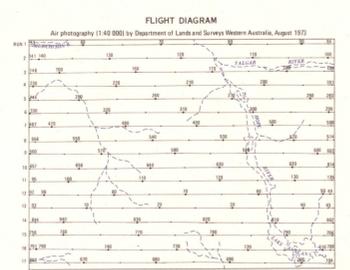
- Mineral field district boundary
- Highway, with route marker
- Road
- Track
- Railway (D.P.), closed, with siding
- Telegraph, powerline, pipeline less than 1000
- Homestead
- Building
- Position approximate
- Horizontal control: major, minor
- Benchmark, height accurate
- Breakway

Watercourse, intermittent

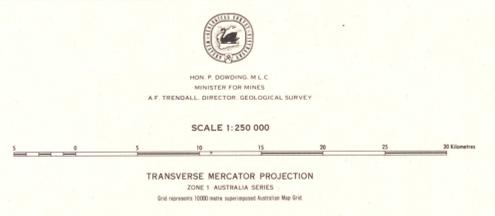
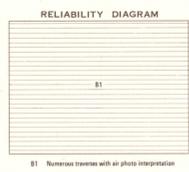
- Pool
- Pipeline
- Well
- Bore
- Windmill
- Temp
- Position doubtful
- Abandoned

CHERTFIELD

- Misr, may or may not be working (light unless otherwise indicated)
- Misr, abandoned
- Mineral occurrence
- Burite
- Copper
- Magnetite
- Dolomite



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