

QUATERNARY

Q1 Locustine deposits - mud, silt, and minor sand in play flats, commonly extensive, primarily associated with paleosol systems
 Q2 Sand in dunes on and around slope lines, in stone gutters
 Q3 Gypsiferous and saline bedded deposits, generally associated with major salt systems
 Q4 Alluvium - sand, silt, and gravel in channels and channel systems, poorly consolidated
 Q5 Calcrete associated with paleosol/soil and active drainage systems
 Q6 Clay and silt in non-estuarine coypers
 Q7 Shallow deposits - sand, silt, and gravel in areas that lack clearly defined drainage channels
 Q8 Ferruginous gravel
 Q9 Quartz rubble adjacent to and washed from quartz veins
 Q10 Sandpans and dunes - sand and minor silt, largely active; minor residual component

PROTEROZOIC

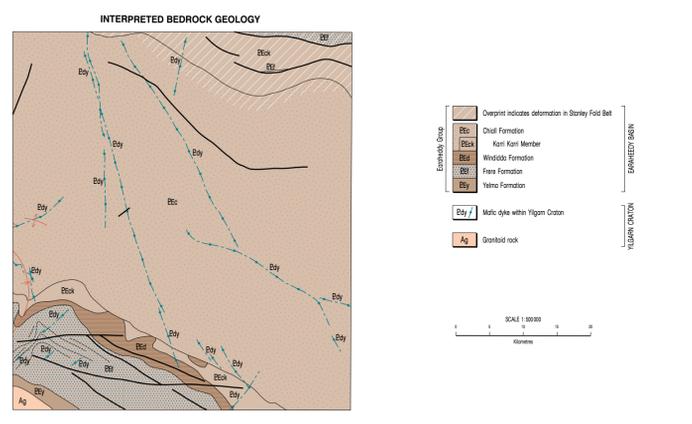
CHALL FORMATION (17760 Ma)
 Ebc1 CHALL FORMATION: siltstone and sandstone, coarsening upwards, marine shelf to coastal
 Ebc2a Mafic quartz veins, commonly silicified; minor shale and siltstone
 Ebc2b Sandstone, variable textural and compositional maturity; stratigraphic position uncertain
 Ebc3 Siltstone and minor sandstone
 Ebc4 Phyllite restricted to the Stanley Fold Belt
 Ebc5 Kari Kari Member: laminated shale and siltstone, and minor sandstone, generally evenly laminated
 Ebc6 WINDOGA FORMATION: siltstone, shale, and minor sandstone
 Ebc7 Red paper horizon, locally containing stromatolites

FRERE FORMATION
 Efr1 Granular and laminar iron-formation, granular siliceous iron-formation, siltstone, shale, and chert, marine to near-shore
 Efr2 Laminar granular iron-formation, deformed and metamorphosed in the Stanley Fold Belt
 Efr3 Granular iron-formation and granular siliceous iron-formation, in place peloid, minor siltstone, shale, and chert
 Efr4 Massive green chert
 Efr5 Phyllite and gneissic shale: minor deformed and metamorphosed iron-formation, restricted to the Stanley Fold Belt
 Efr6 Siltstone and shale, minor iron-formation

YELMA FORMATION (Diagrammatic Sections and Interpreted Bedrock Geology only)
 Ety Mafic dikes within Yilgarn Craton

ARCHAIC

Ag Granitoid rock (Diagrammatic Sections and Interpreted Bedrock Geology only)



Geological boundary

exposed: - - - - -
 concealed: - - - - -

Fault

exposed: - - - - -
 concealed, interpreted from aeromagnetic data: - - - - -

Fold

anticline, exposed, concealed: - - - - -
 specific exposed, concealed: - - - - -
 broad-scale fold axis showing trend and plunge: - - - - -
 anticline: - - - - -
 syncline: - - - - -
 meso-scale folding: - - - - -
 bedding, showing strike and dip: - - - - -
 vertical: - - - - -
 inclined: - - - - -
 Cleavage, showing strike and dip: - - - - -
 vertical: - - - - -
 Pliocompression, showing trend and sense of direction: - - - - -
 from asymmetrical ripple marks: - - - - -
 from cross-bedding: - - - - -
 from symmetrical ripple marks, sense not known: - - - - -
 from current location, sense not known: - - - - -
 Breccias: - - - - -
 Stromatolite fossil locality: - - - - -
 Asbestos In-situ: - - - - -
 structural trend, unspecified: - - - - -

Formed road

Track: - - - - -
 Fences, generally with track: - - - - -
 Homestead: - - - - -
 Building: - - - - -
 Yard: - - - - -
 Microwave repeater station: - - - - -
 Horizontal control marker: - - - - -
 Boundary: - - - - -
 Spot dune: - - - - -
 Contour line, 20 metre interval: - - - - -

Watercourse

Spring: - - - - -
 River, well: - - - - -
 Weir: - - - - -
 Irrigation: - - - - -
 Non-irrigated: - - - - -

Mineral occurrence

Iron: - - - - -

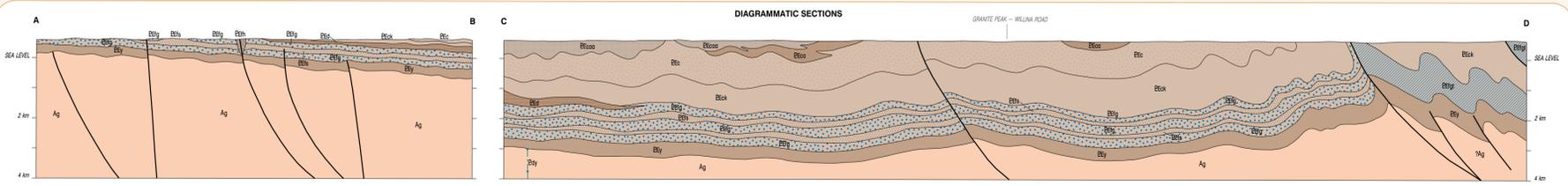
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Map of Australia

Scale 1:100000
 0 1 2 3 4 5 6 7 8 9 10 Kilometres

GRANITE PEAK
 SHEET 3146
 FIRST EDITION 2000



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 Published by the Geological Survey of Western Australia. Digital and hard copies of this map are available from the Information Centre, Department of Industry and Resources, 100 First Street, East Perth, WA, 6004. Phone (08) 9223 3438. Fax (08) 9223 2444. Web www.doir.wa.gov.au Email geosurvey@doir.wa.gov.au

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 JONES, J. A., 2000, Granite Peak, WA, Sheet 3146, Western Australia Geological Survey, 1:100 000 Geological Series.

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