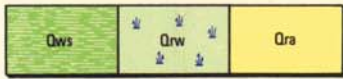


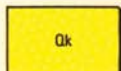
REFERENCE



Qws Salt lake deposits – saline silt and clay
 Qrw Swamp and lacustrine deposits – peat, clay, sand
 Qra Alluvium – clay, silt, sand



Qc Colluvium – unassigned clay, sand and gravel
 Qcf Colluvium – rock fragments
 Qcs Colluvium – lithic sand
 Qcl Colluvium – clay and loam
 Qs Sand – mainly eolian, quartz sand
 Qsy Sand – variously reworked quartz sands, usually associated with lakes and older drainage
 Qpo Colluvium – quartz sand and soil
 Qpe Eolian sand – quartz sand



Kankar



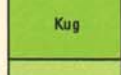
Qpcs TAMALIA LIMESTONE : leached dunes of quartz sand
 Qpb BASSENDEIAN SAND : leached dunes of quartz sand



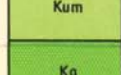
Czi Silcrete
 Czgs Residual clay and sand with bands of ferruginous pisoliths and lateritic gravel
 Czs Residual yellow and white quartz sand
 Czg Lateritic colluvium of Wongan Hills
 Czl Laterite and associated sand



POISON HILL GREENSAND : glauconitic sand and clay



GINGIN CHALK : slightly glauconitic chalk



MOLECAP GREENSAND : glauconitic sand and clay



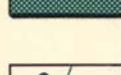
OSBORNE FORMATION : sandstone, siltstone, shale and claystone, commonly glauconitic



DANDARAGAN SANDSTONE : ferruginous, feldspathic sandstone



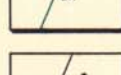
LEEDERVILLE FORMATION : sandstone, siltstone, shale and conglomerate



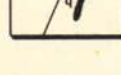
YARRAGADEE FORMATION : sandstone and conglomerate



Mafic dykes – fine to coarse-grained doleritic and gabbroic dykes, variously altered



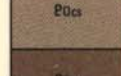
Xenolithic mafic dykes – doleritic dykes with abundant quartzofeldspathic xenoliths



Quartz dykes and veins



WINEMAYA QUARTZITE : orthoquartzite (and pebbly orthoquartzite) with minor chert and siltstone



NOINGARA SILTSTONE : siltstone with minor sandstone and chert



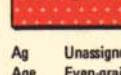
NOONDINE CHERT : chert and orthoquartzite, with minor siltstone, sandstone, claystone and dolomite



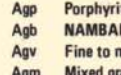
MOKADINE FORMATION : arkose with sandstone, siltstone, claystone and chert



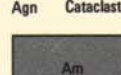
DALAROO SILTSTONE AND CAPALCARRA SANDSTONE (undifferentiated) : siltstone and claystone, with basal arkose, sandstone and conglomerate



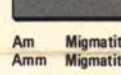
Unassigned granitic rocks



Even-grained granitic rocks; fine to coarse-grained granite, adamellite and granodiorite



Porphyritic granitic rocks; medium to coarse-grained granitic rocks with feldspar megacrysts



NAMBAN GRANITE : porphyritic granitic rocks, variously coloured medium to coarse-grained granitic rocks with feldspar megacrysts



Fine to medium-grained granitic rocks with scattered feldspar megacrysts



Mixed granitic rocks; interdevelopments of even-grained and porphyritic types

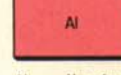


Cataclastic granitic rocks

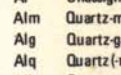


Migmatite; nebulitic, often strongly contorted

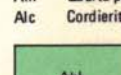
Migmatite; stromatic, banded



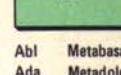
Ultramafic dykes and sills – often foliated and variously altered to greenschist facies metamorphic assemblages; includes peridotite and pyroxenite



Unassigned gneiss



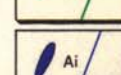
Quartz-feldspar-biotite-hornblende gneiss



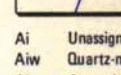
Leucocratic quartz-feldspar (biotite) gneiss



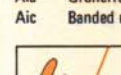
Augen gneiss; cataclastic gneisses with feldspar augen; includes thin amphibolites near Berkshire Valley



Feldspar-pyroxene-quartz-sphene augen gneiss



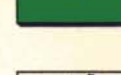
Porphyroblastic granite gneiss; granite gneiss with feldspar megacrysts



Quartz-hornblende-biotite-garnet-plagioclase gneiss



Unassigned schist



Quartz-muscovite schist



Quartz-garnet-mica schist in the Berkshire Valley Succession; garnet-mica-quartz (-sillimanite-andalusite) schist in the Wongan Hills Succession



Quartz-mica-feldspar schist with quartz-mica-feldspar gneiss and quartz-mica-feldspar granofels

Quartz-plagioclase-hornblende schist with quartz-plagioclase-hornblende gneiss and quartz-plagioclase hornfels; quartz-muscovite-graphite schist; meta-conglomerate

Cordierite-tremolite/cummingtonite (-quartz) rock

Metabasalt (fine-grained hornblende-plagioclase rocks)

Metadolerite and metagabbro (medium to coarse-grained hornblende-plagioclase rocks)

Felsic metavolcanic rocks (fine-grained quartz plagioclase rock, quartz muscovite rock and quartz-tremolite schist)

Amphibolite; mainly hornblende-plagioclase rocks. Near Berkshire Valley, includes bodies of quartz-biotite gneiss (Anb) and augen gneiss (Ana)

Unassigned banded iron-formation; quartz-magnetite-grunerite assemblages

Quartz-magnetite-hypersthene rock

Grunerite, grunerite-quartz and grunerite-quartz-magnetite assemblages

Banded metachert

Quartzite; metamorphosed orthoquartzite

Mafic granulite; amphibole and pyroxene rich assemblages

Overprint, indicating bedrock largely obscured by residual, colluvial and aeolian deposits

PHANEROZOIC

CAINOZOIC

QUATERNARY
 ?PLEISTOCENE TO RECENT
 PLEISTOCENE TO RECENT

RECENT

?TERTIARY

MESOZOIC

LOWER CRETACEOUS
 UPPER CRETACEOUS

Coolyena Group

? Campanian
 Santonian
 ? Coniacian to ? Turonian
 Cenomanian to Albian

Warnbro Group

MIDDLE JURASSIC TO LOWER CRETACEOUS

PRECAMBRIAN UNDETERMINED

PROTEROZOIC

? MIDDLE OR LATE PROTEROZOIC

Moora Group

Coomberdale Sub-group

Billeranga Sub-group

ARCHAEAN