

REFERENCE

CAINOZOIC

QUATERNARY

RECENT

PLEISTOCENE ?

TERTIARY

Plantagenet Group
and related rock



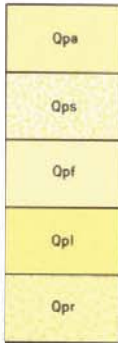
Alluvium—silt and clay deposits along rivers, flood plains and lakes

Foredune sand—bare, mobile coastal sand, coastal foredunes, blowouts

Coastal dune sand—coastal sand forming long parallel dunes on the coastal plain

Coastal hill dunes—coastal sand heaped on coastal hills

Beach rock—coarse-grained, shelly cemented sand



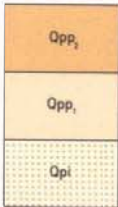
Dissected alluvium—high-level flood plains and river terraces, partly dissected

Dune sand—white, leached, fine-grained quartz sand forming long WNW trending dunes and rounded dunes

Dune sand—red, loamy, fine-grained sand dunes inland from the Qps dunes

Eolianite—submerged beach rock and marine sand; carbonate-cemented eolianite forming coastal hills. Shelly beach rock forming submerged bars at various depths, concealed shelly marine sand

Red soil—red soil from weathered gneiss and granite in the erosion areas near the headwaters of the younger river channels



Lower sandplain deposits—grey sand with rare pisolites over yellow clay, occupying a dissected plateau between 150'-250' above sea level

Sandplain deposits—grey sand over pisolites over yellow clay, occupying a dissected sandplain ("Esperance sandplain") generally more than 250' above sea level

Red inland sandplain—deposits red loamy sand over white limestone over grey to greenish clay, continuous inland from the Qpp sandplain deposits. Grey billy and cemented pisolites on elevated ground



PALLINUP SILTSTONE: yellow to grey claystone, siltstone, silty sandstone, with fossil sponges and molluscs

WERILLUP FORMATION (concealed): grey foraminiferal clayey sandstone and dark grey clayey carbonaceous siltstone and sandstone

Weathered bedrock—yellow to red deeply weathered bedrock

PRECAMBRIAN



Acid dykes—pegmatite p; quartz q

Granite—coarse, even-grained to porphyritic, pink lath feldspar granite

Basic dyke—biotitic rock

Migmatite—alternating bands and mixed rock composed of lath granite and garnet gneiss in varying proportions

Basic dyke—amphibolite rock

Gneiss—banded, garnet-biotite gneiss and granitic rocks of varying composition and texture

Undetermined Precambrian rocks mapped by photo interpretation