

REFERENCE

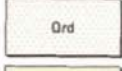
CAINOZOIC

QUATERNARY

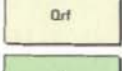
HOLOCENE



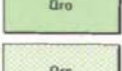
Alluvium: sand and clay



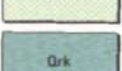
Colluvium: clay, silt and sand; in saline drainages and marginal to salt lakes



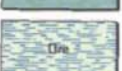
Colluvium: silty sand, containing detrital ferruginous laterite



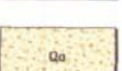
Colluvium: calcareous clay, in places containing sand



Colluvium: clay containing boulder and cobble limestone floaters of underlying Colville Sandstone



Lake deposits: clay

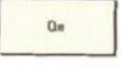


Lake deposits: gypsum, halite, clay and sand

PLEISTOCENE TO HOLOCENE



Eolian sand: gypsum and quartz sand; derived from salt lakes; commonly forming lunette dunes

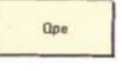


Eolian sand: red quartz sand; forming seif dunes and sand plains

PLEISTOCENE

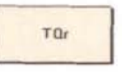


Residual clay and kankar: clay containing sheet and nodular kankar; overlies Colville Sandstone



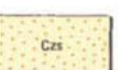
Residual sand and kankar: sand containing sheet and nodular kankar; overlies Precambrian rocks, Paterson Formation and Colville Sandstone

? PLEISTOCENE TO PLEISTOCENE

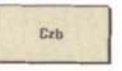


Residual clay and kankar: clay containing sheet and nodular kankar with oolitic texture; overlies Colville Sandstone

? MIOCENE



Residual sand and laterite: red quartz sand with ironstone isoliths, commonly overlying ironstone crust



Silcrete: sub-vitreous siliceous rock with angular quartz grains, commonly ferruginized



Deep-weathering products over ultramafic rocks: chalcadonic and opaline silica

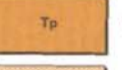


Overprint indicating deeply weathered Precambrian rocks: kaolinized, in part ferruginized and silicified

TERTIARY

? MIDDLE MIOCENE

Plumridge Beds



Sandstone, siltstone, minor conglomerate

MIDDLE MIOCENE

Colville Sandstone



Sandstone, siltstone, claystone, calcarenite

UPPER EOCENE

Wilson Bluff Limestone



Chalky bryozoan limestone: minor clay, silt and fine-grained sand

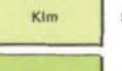
Hampton Sandstone



Coarse-grained sandstone: calcareous and glauconitic

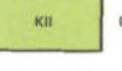
LOWER CRETACEOUS

Madura Formation



Sandstone, siltstone, claystone: glauconitic and carbonaceous

Loongana Sandstone



Conglomeratic sandstone

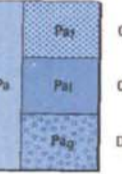
Section only

MESOZOIC

PALAEZOIC

PERMIAN

Paterson Formation



Coarse-grained, poorly sorted sandstone, conglomerate, minor siltstone; fluvialite



Claystone, siltstone, fine-grained sandstone, some erratics, rare varves; lacustrine and glacio-lacustrine



Diamictite (probably tillite), minor sandstone, siltstone, conglomerate; glacial

PROTEROZOIC



Felsic porphyry: cataclastically deformed



Ultramafic intrusive rocks: serpentinite, tremolite rock, pyroxenite



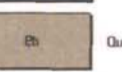
Leucocratic granite



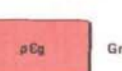
Granite-adamellite with potash feldspar megacrysts



Metamorphosed noritic dolerite and gabbro, minor hybrid rock with rapakivi texture



Migmatite, banded gneiss, mafic gneiss; garnetiferous



Quartzo-feldspathic gneiss and granofels, augen gneiss



Granitic rocks of uncertain age



Hybrid rocks: adamellite to gabbro



Layered mafic intrusion: metamorphosed garnetiferous gabbro, hornblendite



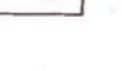
Quartzite: pure, cross-bedded



Metasedimentary rocks: impure tourmaline quartzite, quartz-mica schist, minor quartz conglomerate



Fine to coarse-grained mafic rocks; metamorphosed dolerite and gabbro



Chlorite-actinolite rock; ultramafic



Banded quartz magnetite rock: banded iron-formation

ARCHAIC