

SURFACE DISTRIBUTION OF REGOLITH-LANDFORM UNITS FOR THE WOMBOLA DISTRICT

RESIDUAL REGIME

R1 Black Fe-rich duricrust, lateritic duricrust (low in Fe), lateritic pisoliths and nodules, ferruginised lithic fragments, acid to calcareous red clay soil - crests and low topographic highs

EROSIONAL REGIME

E1 Lag of fragments of ferruginous saprolite and ferruginous lithic fragments with minor lateritic nodules and pisoliths, acid to calcareous red clay soil - crests, backslopes (upper and midslopes), gently undulating topographic highs

E3 Saprolite and mottled zone exposed - breakaway scarps, pediments

E4 Saprolite as pale clays with carbonate nodules, black ferruginous granules and quartz-erosional plains

E6 Bedrock - low hills

E8 Bedrock - high hills

DEPOSITIONAL REGIME

D1a Acid to calcareous red clay soil with polymictic ferruginous lag within major drainage basins and channels

D1b Acid to calcareous red clay soil with common black polymictic ferruginous lag within minor drainage basins and channels

D3 Black, highly magnetic, fine polymictic hematite-magnetite-rich granules, non calcareous red clays at surface, carbonates at 10-20 cm - gently sloping plain

D4 Black, fine hematite-magnetite rich ferruginous granules, acid to calcareous red clay soils, colluvium/alluvium - gently sloping alluvial floor

D5 Acid to calcareous soils - broad alluvial floor

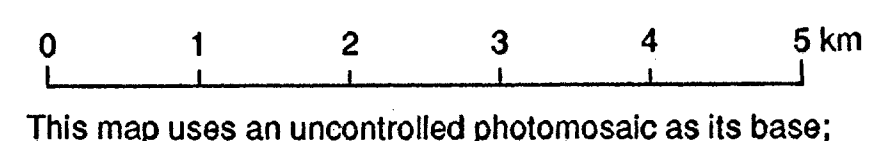
D6 Orange to brown saline clays and muds, playa

D7 Gypsiferous sands with minor rounded quartz and lithic fragments, playa

D8 Calcareous sandy soil as dunes with associated pale orange clays within swales

Prefixes

f felsic g granite m mafic um ultramafic



This map uses an uncontrolled photomosaic as its base; some minor distortion occurs.