



**SURFACE DISTRIBUTION OF REGOLITH-LANDFORM UNITS FOR THE ORA BANDA DISTRICT**

**RESIDUAL REGIME**

R1 Black Fe-rich duricrust, lateritic duricrust (low in Fe), lateritic pisoliths and nodules, ferruginous saprolite 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 mid-slopes), gently undulating topographic highs

E3 Saprolite and mottled zone exposed - breakaway scarps, pediments

E6 Bedrock - low hills

E7 Ferruginous 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

D2 Calcareous soils as sheetwash - colluvium

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

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

Prefixes  
f felsic g granite m mafic s sediment  
um ultramafic  
i intermediate