

Soil Site Information Sheet

FLINDERS

FI094

Site Information

Easting: 578507
Northing: 5578894 GDA94 MGA zone: 55
Date Description: 28/11/13
Elevation (m): 18
Aspect (degrees): 89

Rain (mm/yr): 580
Runoff: Moderately rapid
Drainage: Well drained
Permeability: Moderate
Land Capability: 6r

Soil Description



A1	0 - 0.2 m	Dark reddish brown (5YR3/3-Moist); Fine sandy light clay; Strong grade of structure, 5-10 mm, polyhedral; Very few (0-2%), medium gravelly (6-20 mm), calcareous sandstone, coarse fragments; Soil matrix is slightly calcareous;
B2	0.2 - 0.4 m	Dark reddish brown (5YR3/4-Moist); Fine sandy clay loam; Moderate grade of structure, 10-20 mm, polyhedral; Few (2-10%), coarse gravelly (20-60 mm), calcareous sandstone, coarse fragments; Soil matrix is highly calcareous;
B3	0.4 - 0.57 m	Brown (7.5YR4/4-Moist); Fine sandy clay loam; Weak grade of structure, 10-20 mm, polyhedral; Few (2-10%), cobbly (60-200 mm), calcareous sandstone, coarse fragments; Soil matrix is very highly calcareous;
C1	0.57 - 0.87 m	Very pale brown (10YR7/4-Moist); Sandy loam; Massive grade of structure; Few (2-10%), cobbly (60-200 mm), calcareous sandstone, coarse fragments; Soil matrix is very highly calcareous;
C2	0.87 - 1.17 m	Very pale brown (10YR8/4-Moist); Sandy loam; Massive grade of structure; Few (2-10%), cobbly (60-200 mm), calcareous sandstone, coarse fragments; Soil matrix is very highly calcareous;

Land Form Element (20m radius from site)

Slope Class: Very gently sloped
Elem. Type: Risecrest
Morph. Type: Crest

Stoniness

Rock Outcrop: Many (50-90%), cobbles (60-200 mm)

Rock Outcrop: Rocky (10-20%)

Geology

Observed: Calcareous sandstone

Mapped: Sand gravel and mud of alluvial, lacustrine and littoral origin.

Soil Classification

Australian Soil Classification: Brown Dermosol
ASC Confidence: No analytical data and little or no knowledge of this soil.

Notes

Site: Ranga soil type B - over calcareous sandstone bedrock.