

Soil Site Information Sheet

FLINDERS

FI031

Site Information

Easting: 577342
Northing: 5580468 GDA94 MGA zone: 55
Date Description: 28/11/13
Elevation (m): 22
Aspect (degrees): 268

Rain (mm/yr): 581
Runoff: Rapid
Drainage: Moderately well drained
Permeability: Slow
Land Capability: 5e



Soil Description

Horizon	Depth (m)	Description
A1	0 - 0.16 m	Very dark brown (10YR2/2-Moist); Sandy loam; Moderate grade of structure, 5-10 mm, subangular blocky;
B2	0.16 - 0.37 m	Dark reddish brown (5YR3/4-Moist); Sandy light clay; Massive grade of structure; Very few (0-2%), medium gravelly (6-20 mm), subangular, dispersed, strong, quartzite, coarse fragments;
B3	0.37 - 0.52 m	Dark reddish brown (5YR3/3-Moist); Sandy light clay; Massive grade of structure; Soil matrix is very highly calcareous;
BC	0.52 - 0.72 m	Brownish yellow (10YR6/6-Moist); Loamy sand; Single grain grade of structure; Very few (0-2%), medium gravelly (6-20 mm), subrounded, dispersed, moderately strong, quartzite, coarse fragments; Soil matrix is very highly calcareous;
C1	0.72 - 1.02 m	Very pale brown (10YR7/4-Moist); Loamy sand; Single grain grade of structure; Soil matrix is very highly calcareous;
C2	1.02 - 1.32 m	Very pale brown (10YR7/4-Moist); Loamy sand; Single grain grade of structure; Soil matrix is very highly calcareous;

Land Form Element (20m radius from site)

Slope Class: Gently inclined
Elem. Type: Footslope
Morph. Type: Lower-slope

Stoniness Few (2-10%), stones (200-600 mm)
Rock Outcrop: Very slightly rocky (< 2%)

Geology
Observed: No Data
Mapped: Sand gravel and mud of alluvial, lacustrine and littoral origin.

Soil Classification

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

Notes

Site: Ranga soil type
Profile: Cemented sandstone conglomerate with quartz gravels