

Soil Site Information Sheet

FLINDERS

FI040

Site Information

Easting: 588006
Northing: 5562972 GDA94 MGA zone: 55
Date Description: 14/11/13
Elevation (m): 42
Aspect (degrees): 118

Rain (mm/yr): 660
Runoff: Rapid
Drainage: Imperfectly drained
Permeability: Slow
Land Capability: 4e



Soil Description

A11	0 - 0.12 m	Black (10YR2/1-Moist); Sandy loam; Weak grade of structure, 5-10 mm, polyhedral; Very few (0-2%), fine gravelly (2-6 mm), angular, dispersed, strong, coarse fragments;
A12p	0.12 - 0.21 m	Very dark greyish brown (10YR3/2-Moist); Loamy sand; Weak grade of structure, 2-5 mm, polyhedral; Very few (0-2%), fine gravelly (2-6 mm), angular, dispersed, strong, coarse fragments;
A2	0.21 - 0.33 m	Light brownish grey (2.5Y6/3-Moist); Very few (0-2%) mottles; Loamy sand; Single grain grade of structure; Very few (0-2%), fine gravelly (2-6 mm), angular, dispersed, strong, coarse fragments;
B21	0.33 - 0.63 m	Dark greyish brown (2.5Y4/3-Moist); Common (10-20%) mottles; Fine sandy light clay; Massive grade of structure;
B3	0.63 - 0.93 m	Greyish brown (2.5Y5/3-Moist); Many (20-50%) mottles; Fine sandy light clay; Massive grade of structure; Common (10-20%), fine gravelly (2-6 mm), angular, dispersed, strong, coarse fragments;
BC	0.93 - 1.23 m	Greyish brown (2.5Y5/3-Moist); Many (20-50%) substrate mottles; Fine sandy light clay; Massive grade of structure; Common (10-20%), fine gravelly (2-6 mm), angular, dispersed, strong, coarse fragments;

Land Form Element (20m radius from site)

Slope Class: Gently inclined
Elem. Type: Hillslope
Morph. Type: Mid-slope

Stoniness No surface coarse fragments
Rock Outcrop: Very slightly rocky (<2 %)

Geology
Observed: Granite
Mapped: Dominantly non-marine sequences of gravel, sand, silt, clay and regolith.

Soil Classification

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

Notes

Site: Emita soil type - sandy loam over gritty clay