

Soil Site Information Sheet

FLINDERS

FI116V

Site Information

Easting: 589767
Northing: 5559953 GDA94 MGA zone: 55
Date Description: 13/11/13
Elevation (m): 102
Aspect (degrees): 264

Rain (mm/yr): 744
Runoff: Slow
Drainage: Imperfectly drained
Permeability: Slow
Land Capability: 4ds

Soil Description



A1	0 - 0.1 m	Very dark brown (10YR2/2-Moist); Clay loam; Strong grade of structure, 10-20 mm, subangular blocky; Few (2-10%), medium gravelly (6-20 mm), subrounded, dispersed, very strong, coarse fragments;
B21	0.1 - 0.4 m	Dark grey (10YR4/1-Moist); Common (10-20%), mottles; Light clay; Moderate grade of structure, 20-50 mm, angular blocky; Few (2-10%), medium gravelly (6-20 mm), subrounded, dispersed, very strong, coarse fragments;
B22	0.4 - 0.66 m	Dark greyish brown (2.5Y4/2-Moist); Many (20-50%), mottles; Light clay; Massive grade of structure; Very few (0-2%), medium gravelly (6-20 mm), subangular, dispersed, coarse fragments;
BC1	0.66 - 0.9 m	Greyish brown (2.5Y5/3-Moist); Many (20-50%), substrate mottles; Light clay; Massive grade of structure; Few (2-10%), coarse gravelly (20-60 mm), subangular, dispersed, strong, coarse fragments;
BC2	0.9 - 1.2 m	Light olive brown (2.5Y5/4-Moist); Many (20-50%), substrate mottles; Light clay; Massive grade of structure; Few (2-10%), coarse gravelly (20-60 mm), subangular, dispersed, strong, coarse fragments;

Land Form Element (20m radius from site)

Slope Class: Very gently sloped
Elem. Type: Hillcrest
Morph. Type: Flat

Stoniness Few (2-10%), cobbles (60-200 mm)
Rock Outcrop: Very slightly rocky (<2%)

Geology
Observed: No Data
Mapped: Basalt (tholeiitic to alkalic) and related pyroclastic

Soil Classification

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

Notes

Site: Thule soil type - shallow clay loam.
General: Paddock has been disced in the past? and profile has lost much of the A1 horizon.