

# Soil Site Information Sheet

FLINDERS

FI102V

## Site Information

**Easting:** 590584  
**Northing:** 5557742 GDA94 MGA zone: 55  
**Date Description:** 11/11/13  
**Elevation (m):** 99  
**Aspect (degrees):** 136

**Rain (mm/yr):** 801  
**Runoff:** Very slow  
**Drainage:** Poorly drained  
**Permeability:** Slow  
**Land Capability:** 5d

## Soil Description



A1	0 - 0.17 m	Very dark brown (10YR2/2-Moist); Clay loam; Moderate grade of structure, 5-10 mm, angular blocky;
B1	0.17 - 0.47 m	Dark greyish brown (10YR4/2-Moist); Few (2-10%), mottles; Light clay; Weak grade of structure, 5-10 mm, angular blocky; Very few (0-2%), medium gravelly (6-20 mm), coarse fragments;
B21	0.47 - 0.77 m	Greyish brown (2.5Y5/3-Moist); Few (2-10%), mottles; Light clay; Massive grade of structure; Few (2-10%), medium (2-6 mm), calcareous nodules; Soil matrix is highly calcareous;
B22	0.77 - 1.07 m	Light brownish grey (2.5Y6/3-Moist); Few (2-10%), mottles; Light clay; Massive grade of structure; Few (2-10%), medium (2-6 mm), calcareous nodules; Soil matrix is highly calcareous;
B3	1.07 - 1.37 m	Light brownish grey (2.5Y6/3-Moist); Few (2-10%), mottles; Light clay; Massive grade of structure; Few (2-10%), medium (2-6 mm), calcareous nodules; Soil matrix is highly calcareous;

## Land Form Element (20m radius from site)

**Slope Class:** Very gently sloped  
**Elem. Type:** Bench  
**Morph. Type:** Mid-slope

## Stoniness

No surface coarse fragments

## Geology

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

## Soil Classification

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

## Notes

**Site:** Emita melon hole soil type.  
**Location:** Improved pasture. Tussock grass area and melon hole gilgai.