

# Soil Site Information Sheet

FLINDERS

FI106V

## Site Information

**Easting:** 587111  
**Northing:** 5558592 GDA94 MGA zone: 55  
**Date Description:** 25/11/13  
**Elevation (m):** 5  
**Aspect (degrees):** 212

**Rain (mm/yr):** 682  
**Runoff:** Moderately rapid  
**Drainage:** Poorly drained  
**Permeability:** Very Slow  
**Land Capability:** 5d



## Soil Description

Horizon	Depth (m)	Description
A1	0 - 0.18 m	Black (10YR2/1-Moist); Clay loam; Strong grade of structure, 5-10 mm, subangular blocky; Soil matrix is slightly calcareous;
B1	0.18 - 0.38 m	Black (10YR2/1-Moist); Few (2-10%), mottles; Light clay; Strong grade of structure, 10-20 mm, subangular blocky; Soil matrix is slightly calcareous;
B2	0.38 - 0.68 m	Very dark grey (10YR3/1-Moist); Common (10-20%), mottles; Light clay; Strong grade of structure, 20-50 mm, angular blocky; Few (2-10%), fine gravelly (2-6 mm), subangular, dispersed, strong, coarse fragments; Few (2-10%), medium (2 -6 mm), manganiferous segregations; Soil matrix is slightly calcareous;
B3	0.68 - 0.94 m	Dark grey (10YR4/1-Moist); Common (10-20%), mottles; Light clay; Massive grade of structure; Few (2-10%), medium gravelly (6-20 mm), subangular, dispersed, strong, coarse fragments; Few (2-10%), medium (2 -6 mm), calcareous nodules; Soil matrix is moderately calcareous;
BC	0.94 - 1.2 m	Grey (10YR5/1-Moist); Common (10-20%), mottles; Light clay; Massive grade of structure; Few (2-10%), coarse gravelly (20-60 mm), subangular, dispersed, strong, coarse fragments; Common (10-20%), coarse (6-20 mm), calcareous nodules; Soil matrix is highly calcareous;

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

**Slope Class:** Level  
**Elem. Type:** Plain  
**Morph. Type:** Flat

## Stoniness

No surface coarse fragments

## Geology

**Observed:** No Data  
**Mapped:** Undifferentiated Quaternary sediments.

## Soil Classification

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

## Notes

**Site:** Bootjack soil type? - heavy vertic clay loam.