

# Soil Site Information Sheet

**FLINDERS**

**FI010**

## Site Information

**Easting:** 586653  
**Northing:** 5559385 GDA94 MGA zone: 55  
**Date Description:** 15/11/13  
**Elevation (m):** 5  
**Aspect (degrees):** 143

**Rain (mm/yr):** 662  
**Runoff:** Slow  
**Drainage:** Poorly drained  
**Permeability:** Very Slow  
**Land Capability:** 6ds



## Soil Description

1A1	0 - 0.12 m	Dark greyish brown (10YR4/2-Moist); Few (2-10%) mottles; Coarse sandy light clay; Weak grade of structure, 5-10 mm, polyhedral; Soil matrix is moderately calcareous;
1B2	0.12 - 0.23 m	Dark greyish brown (10YR4/2-Moist); Few (2-10%) mottles; Light clay; Weak grade of structure, 10-20 mm, subangular blocky;
2B1	0.23 - 0.5 m	Very dark grey (10YR3/1-Moist); Common (10-20%) mottles; Light clay; Weak grade of structure, 10-20 mm, subangular blocky;
2B3	0.5 - 0.7 m	Greyish brown (2.5Y5/2-Moist); Common (10-20%) mottles; Light clay; Massive grade of structure; Few (2-10%), medium (2-6 mm), calcareous nodules; Soil matrix is moderately calcareous;
2BC	0.7 - 0.9 m	Grey (2.5Y5/1-Moist); Common (10-20%) substrate mottles; Light clay; Massive grade of structure; Common (10-20%), medium (2-6 mm), calcareous nodules; Soil matrix is highly calcareous;
2C	0.9 - 1.2 m	Dark grey (5Y4/1-Moist); Common (10-20%) substrate mottles; Light medium clay; Massive grade of structure; Common (10-20%), medium (2-6 mm), calcareous nodules; Soil matrix is highly calcareous;

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

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

## Stoniness

No surface coarse fragments

## Geology

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

## Soil Classification

**Australian Soil Classification:** Redoxic Hydrosol  
**ASC Confidence:** No analytical data are available but confidence is fair.

## Notes

**Site:** Lugrata soil type - lagoon soil  
**Profile:** Buried soil below 0.23 m