

# Soil Site Information Sheet

FLINDERS

FI028

## Site Information

**Easting:** 587144  
**Northing:** 5562265 GDA94 MGA zone: 55  
**Date Description:** 14/11/13  
**Elevation (m):** 20  
**Aspect (degrees):** 140

**Rain (mm/yr):** 627  
**Runoff:** Very slow  
**Drainage:** Well drained  
**Permeability:** High  
**Land Capability:** 5e



## Soil Description

|        |               |                                                                                                                                                                                                                                                                                                 |
|--------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1A1    | 0 - 0.16 m    | Black (10YR2/1-Moist); Fine sandy loam; Weak grade of structure, 5-10 mm, polyhedral;                                                                                                                                                                                                           |
| 1A2    | 0.16 - 0.32 m | Grey (10YR6/1-Moist); Loamy fine sand; Single grain grade of structure;                                                                                                                                                                                                                         |
| 1A22   | 0.32 - 0.57 m | Grey (10YR5/1-Moist); Loamy fine sand; Single grain grade of structure;                                                                                                                                                                                                                         |
| 1B2hs  | 0.57 - 0.7 m  | Grey (10YR5/1-Moist); Few (2-10%) mottles; Loamy fine sand; Single grain grade of structure; Very few (0-2%), fine gravelly (2-6 mm), subangular, dispersed, very strong, coarse fragments; Few (2-10%), coarse (6-20 mm), ferromanganiferous nodules; Weakly cemented, Orstein pan;            |
| 1B22hs | 0.7 - 0.94 m  | Dark yellowish brown (10YR3/4-Moist); Few (2-10%) mottles; Loamy fine sand; Massive grade of structure; Very few (0-2%), fine gravelly (2-6 mm), subangular, dispersed, very strong, coarse fragments; Many (20-50%), medium (2-6 mm) ferromanganiferous nodules; Weakly cemented, Orstein pan; |
| 2B2    | 0.94 - 1.02 m | Light brownish grey (10YR6/2-Moist); Loamy coarse sand; Single grain grade of structure; Few (2-10%), fine gravelly (2-6 mm), subangular, dispersed, very strong, coarse fragments;                                                                                                             |
| 2B3    | 1.02 - 1.2 m  | Greyish brown (2.5Y5/3-Moist); Common (10-20%) substrate mottles; Light clay; Massive grade of structure; Few (2-10%), fine gravelly (2-6 mm), subangular, dispersed, very strong, coarse fragments;                                                                                            |

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

**Slope Class:** Very gently sloped  
**Elem. Type:** Dune  
**Morph. Type:** Crest

## Stoniness

No surface coarse fragments

## Geology

### Observed:

No Data

### Mapped:

Dominantly non-marine sequences of gravel, sand, silt, clay and regolith.

## Soil Classification

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

## Notes

**Site:** Whitemark soil type – podzol  
**Profile:** Buried soil profile at 0.94 m