

**Site Information**

**Easting:** 537891  
**Northing:** 5335043  
**Describer:** R Moreton  
**Date:** 19-Apr-2017

**Runoff:** Very slow  
**Permeability:** Very slowly permeable  
**Drainage:** Imperfectly drained  
**Land Capability:** 4  
**Observation Type:** Undisturbed soil core

**Depth to Watertable (m):** No Data  
**Depth to Substrate (m):** 0.7  
**Surface Coarse Fragments:** No surface coarse fragments

**Land Form Information**

Landform Element (20m radius)

**Element Slope Class:** Gently inclined (3-10%)  
**Element Morph. Type:** Mid-slope  
**Element Type:** Hillslope

Landform Pattern (300m radius)

**Pattern Type:** Low hills  
**Pattern Slope Class:** Gently inclined (3-10%)  
**Pattern Relief Class:** Low (30-90m)  
**Relief Modal Slope:** Undulating low hills

**Inundation Frequency:** No Data  
**Rainfall:** No Data  
**Erosion:** Partially stabilised, Minor sheet, Partially stabilised, Minor wind erosion

**Aspect:** No Data  
**Elevation:** No Data

**Soil Classification**

**Australian Soil Classification:** Brown Dermosol  
**ASC Confidence:** No analytical data are available but confidence is fair.  
**Soil Name:**

**Morphological Description**

Horizon	Depth	Description
Ap 1	0 - 10cm	Very dark brown (7.5YR 2.5/2) moist sandy clay loam; moderate, 5-10mm structure; no mottles; non-repellent. Layer 0- 5cm EC (dS/m) 0.226; pH 6.78; Layer 5- 10cm EC (dS/m) 0.233; pH 6.72.
Ap 2	10 - 20cm	Very dark brown (7.5YR 2.5/2) moist sandy clay loam; moderate, 10-20mm structure; very few (<2%) mottles; non-repellent. Layer 10- 20cm EC (dS/m) 0.208; pH 6.77.
B2	20 - 47cm	Olive brown (2.5Y 4/4) moist light clay; moderate, 20-50mm structure; few (2-10%) mottles; non-repellent. Layer 20- 47cm EC (dS/m) 0.218; pH 7.81.
B3	47 - 70cm	Light olive brown (2.5Y 5/4) moist light clay; moderate, 20-50mm structure; few (2-10%) mottles; non-repellent. Layer 47- 70cm EC (dS/m) 0.248; pH 8.27.
2C1	70 - 100cm	Pale yellow (5Y 8/2) moist fine sandy light clay; massive structure; very few (<2%) mottles; non-repellent. Layer 70- 100cm EC (dS/m) 1.631; pH 8.38.
2C2	100 - 155cm	White (5Y 8/1) moist fine sandy light clay; massive structure; very few (<2%) mottles; non-repellent. Layer 100- 127cm EC (dS/m) 1.255; pH 7.86; Layer 127- 155cm EC (dS/m) 1.324; pH 7.67.