

**Site Information**

**Easting:** 543264  
**Northing:** 5348117  
**Describer:** Chris Grose  
**Date:** 01-Mar-2017

**Runoff:** Slow  
**Permeability:** Slowly permeable  
**Drainage:** Moderately well drained  
**Land Capability:** 4  
**Observation Type:** Undisturbed soil core

**Depth to Watertable (m):** No Data  
**Depth to Substrate (m):** 1.01  
**Surface Coarse Fragments:** Very few (<2%), Cobbly (60-200mm)

**Land Form Information**

**Landform Element (20m radius)**

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

**Landform Pattern (300m radius)**

**Pattern Type:** Plain  
**Pattern Slope Class:** Gently inclined (3-10%)  
**Pattern Relief Class:** Extremely low (<9m)  
**Relief Modal Slope:** Undulating plain

**Inundation Frequency:** No Data  
**Rainfall:** No Data  
**Erosion:** No Data

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

**Soil Classification**

**Australian Soil Classification:** Red Dermosol  
**ASC Confidence:** No analytical data and little or no knowledge of this soil.  
**Soil Name:**

**Morphological Description**

Horizon	Depth	Description
A1	0 - 15cm	Very dark greyish brown (10YR 3/2) moist; brown (10YR 4/3) dry clay loam; strong structure; no mottles; non-repellent. Layer 0- 5cm EC (dS/m) 0.265; pH 5.93; Layer 5- 15cm EC (dS/m) 0.155; pH 6.04.
B2	15 - 35cm	Very dark brown (10YR 2/2) moist heavy clay; strong structure; no mottles; few (<10% of ped faces or walls coated), faint slicken sides; few (2-10%), medium (2-6mm), calcareous soft segregations; very few (<2%), medium gravelly (6-20mm); non-repellent. Layer 5- 15cm EC (dS/m) 0.155; pH 6.04; Layer 15- 35cm EC (dS/m) 0.588; pH 7.48.
B3	35 - 63cm	Brown (10YR 4/3) moist coarse sandy clay loam; few (2-10%) mottles; common (10-20%), medium gravelly (6-20mm); non-repellent. Layer 35- 63cm EC (dS/m) 0.3; pH 8.8.
BC	63 - 101cm	Brown (10YR 4/3) moist coarse sandy loam; few (2-10%) mottles; few (2-10%), medium gravelly (6-20mm); non-repellent. Layer 63- 82cm EC (dS/m) 0.374; pH 9.07; Layer 82- 101cm EC (dS/m) 0.17; pH 9.06.
C	101 - 115cm	Brown (10YR 4/3) moist loamy coarse sand; few (2-10%) mottles; few (2-10%), coarse gravelly (20-60mm); non-repellent. Layer 101- 115cm EC (dS/m) 0.197; pH 9.08.