

**Site Information**

**Easting:** 542171  
**Northing:** 5349288  
**Describer:** Chris Grose  
**Date:** 01-Mar-2017

**Runoff:** No runoff  
**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):** 1.3  
**Surface Coarse Fragments:** No surface coarse fragments

**Land Form Information**

Landform Element (20m radius)

**Element Slope Class:** Very gently sloped (1-3%)  
**Element Morph. Type:** Flat  
**Element Type:** Plain

Landform Pattern (300m radius)

**Pattern Type:** Plain  
**Pattern Slope Class:** Very gently sloped (1-3%)  
**Pattern Relief Class:** Extremely low (<9m)  
**Relief Modal Slope:** Gently 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
Ap	0 - 12cm	Very dark greyish brown (10YR 3/2) moist, brown (10YR 4/3) dry, clay loam; moderate structure; no mottles; non-repellent. Layer 0cm - 5cm EC (dS/m) 0.66; pH 6.39; Layer 5cm - 12cm EC (dS/m) 0.493; pH 6.28.
B21	12 - 42cm	Very dark brown (10YR 2/2) moist, heavy clay; strong structure; no mottles; common (10-50% of ped faces or walls coated), distinct clay skins; non-repellent. Layer 12cm - 42cm EC (dS/m) 0.71; pH 6.82.
B22k	42 - 64cm	Brown (10YR 5/3) moist, medium clay; moderate structure; no mottles; common (10-20%), coarse (6-20mm), calcareous soft segregations; non-repellent. Layer 42cm - 64cm EC (dS/m) 1.454; pH 8.3.
BC	64 - 130cm	Yellowish brown (10YR 5/4) moist, sandy medium clay; few (2-10%) mottles; few (2-10%), medium (2-6mm), calcareous soft segregations; very few (<2%), medium gravelly (6-20mm); non-repellent. Layer 64cm - 86cm EC (dS/m) 1.5; pH 8.36; Layer 86cm - 108cm EC (dS/m) 1.336; pH 8.41; Layer 108cm - 130cm EC (dS/m) 1.524; pH 8.48.
C	130 - 150cm	Yellowish brown (10YR 5/4) moist, sandy clay loam; few (2-10%) mottles; very few (<2%), fine (<2mm), calcareous soft segregations; few (2-10%), coarse gravelly (20-60mm); non-repellent. Layer 130cm - 150cm EC (dS/m) 1.539; pH 7.0.

