

**Site Information**

**Easting:** 539431  
**Northing:** 5363190  
**Describer:** Chris Grose  
**Date:** 10-Mar-2017

**Runoff:** No runoff  
**Permeability:** Slowly permeable  
**Drainage:** Imperfectly drained  
**Land Capability:** 4  
**Observation Type:** Undisturbed soil core

**Depth to Watertable (m):** No Data  
**Depth to Substrate (m):** 1.25  
**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:** Open depression (vale)  
**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:** Brown Dermosol  
**ASC Confidence:** No analytical data and little or no knowledge of this soil.  
**Soil Name:**

**Morphological Description**

Horizon	Depth	Description
Ap	0 - 10 cm	Very dark greyish brown (10YR 3/2) moist, clay loam; strong structure; no mottles; non-repellent. Layer 0cm - 5cm EC (dS/m) 0.414; pH 5.83; Layer 5cm - 10cm EC (dS/m) 0.359; pH 5.71.
B2	10 - 75cm	Dark brown (7.5YR 3/4) moist, medium clay; strong structure; common (10-20%) mottles; few (<10% of ped faces or walls coated), faint clay skins; very few (<2%), medium (2-6mm), manganiferous nodules; very few (<2%), medium gravelly (6-20mm); non-repellent. Layer 10cm - 31cm EC (dS/m) 0.466; pH 6.47; Layer 31cm - 53cm EC (dS/m) 0.542; pH 7.03; Layer 53cm - 75cm EC (dS/m) 0.483; pH 7.79.
B3	75 - 101cm	Brown (7.5YR 4/4) moist, medium clay; moderate structure; few (2-10%) mottles; very few (<2%), fine gravelly (2-6mm); non-repellent. Layer 75cm - 101cm EC (dS/m) 1.058; pH 8.15.
BC	101 - 125cm	Yellowish brown (10YR 5/6) moist, medium clay; few (2-10%) mottles; few (2-10%), coarse gravelly (20-60mm); non-repellent. Layer 101cm - 125cm EC (dS/m) 0.245; pH 7.97.
C	125 - 152cm	Light grey (10YR 7/2) moist, medium clay; few (2-10%); common (10-20%), coarse gravelly (20-60mm); non-repellent. Layer 125cm - 152cm EC (dS/m) 0.314; pH 7.8.