

**Site Information**

**Easting:** 543972  
**Northing:** 5349354  
**Describer:** Chris Grose  
**Date:** 21-Feb-2017

**Runoff:** No runoff  
**Permeability:** Very slowly permeable  
**Drainage:** Moderately well drained  
**Land Capability:** 4  
**Observation Type:** Undisturbed soil core

**Depth to Watertable (m):** No Data  
**Depth to Substrate (m):** No Data  
**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:** Level (<1%)  
**Pattern Relief Class:** Extremely low (<9m)  
**Relief Modal Slope:** Level plain

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

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

**Soil Classification**

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

**Morphological Description**

Horizon	Depth	Description
A1	0 - 14 cm	Very dark greyish brown (10YR 3/2) moist, brown (10YR 5/3) dry, clay loam; moderate structure; no mottles; few (2-10%), fine gravelly (2-6mm); non-repellent. Layer 0cm - 5cm EC (dS/m) 0.294; pH 6.78; Layer 5cm - 14cm EC (dS/m) 0.426; pH 6.4.
B21	14 - 33 cm	Very dark greyish brown (10YR 3/2) moist, heavy clay; strong structure; no mottles; common (10-50% of ped faces or walls coated), distinct stress cutans; non-repellent. Layer 14cm - 33cm EC (dS/m) 0.556; pH 7.21.
B22	33 - 67 cm	Yellowish brown (10YR 5/4) moist, heavy clay; moderate structure; very few (<2%) mottles; few (<10% of ped faces or walls coated), faint stress cutans; non-repellent. Layer 33cm - 51cm EC (dS/m) 0.736; pH 8.08; Layer 51cm - 67cm EC (dS/m) 1.128; pH 8.33.
B23	67 - 98 cm	Brown (10YR 5/3) moist, medium clay; moderate structure; few (2-10%) mottles; few (<10% of ped faces or walls coated), distinct stress cutans; non-repellent. Layer 67cm - 98cm EC (dS/m) 1.972; pH 8.11.
B3	98 - 146 cm	Greyish brown (10YR 5/2) moist, medium clay; few (2-10%) mottles; few (<10% of ped faces or walls coated), distinct stress cutans; non-repellent. Layer 98cm - 121cm EC (dS/m) 0.293; pH 7.87; Layer 121cm - 146cm EC (dS/m) 0.378; pH 7.67.