

**Site Information**

**Easting:** 546429  
**Northing:** 5361813  
**Describer:** Chris Grose  
**Date:** 10-Jan-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:** Very few (<2%), Cobbly (60-200mm)

**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:** Alluvial 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 Chromosol  
**ASC Confidence:** No analytical data and little or no knowledge of this soil.  
**Soil Name:**

**Morphological Description**



Horizon	Depth	Description
A1	0 - 20cm	Dark brown (7.5YR 3/2) moist, clay loam; strong structure; no mottles; non-repellent. Layer 0cm - 5cm EC (dS/m) 0.118; pH 5.89; Layer 5cm - 20cm EC (dS/m) 0.104; pH 5.99.
A2	20 - 50cm	Dark brown (7.5YR 3/3) moist, silty clay loam; moderate structure; no mottles; non-repellent. Layer 20cm - 50cm EC (dS/m) 0.053; pH 6.17.
B21	50 - 90cm	Dark brown (7.5YR 3/3) moist, heavy clay; strong structure; no mottles; common (10-50% of ped faces or walls coated), faint clay skins; non-repellent. Layer 50cm - 70cm EC (dS/m) 0.206; pH 6.64; Layer 70cm - 90cm EC (dS/m) 0.184; pH 7.37.
B22	90 - 130cm	Dark yellowish brown (10YR 3/4) moist, medium clay; strong structure; few (2-10%) mottles; non-repellent. Layer 90cm - 110cm EC (dS/m) 0.275; pH 7.78; Layer 110cm - 130cm EC (dS/m) 0.268; pH 8.01.