

**Site Information**

**Easting:** 537349  
**Northing:** 5360605  
**Describer:** Chris Grose  
**Date:** 23-Nov-2016

**Runoff:** Moderately rapid  
**Permeability:** Very slowly permeable  
**Drainage:** Imperfectly drained  
**Land Capability:** 5  
**Observation Type:** Undisturbed soil core

**Depth to Watertable (m):** No Data  
**Depth to Substrate (m):** No Data  
**Surface Coarse Fragments:** Few (2-10%), Cobbly (60-200mm)

**Land Form Information**

**Landform Element (20m radius)**  
**Element Slope Class:** Very gently sloped (1-3%)  
**Element Morph. Type:** Mid-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:** Brown Vertosol  
**ASC Confidence:** No analytical data and little or no knowledge of this soil.  
**Soil Name:**

**Morphological Description**



Horizon	Depth	Description
A1	0 - 12cm	Very dark greyish brown (10YR 3/2) moist, medium clay; strong structure; no mottles. Layer 0cm - 5cm EC (dS/m) 0.231; pH 5.64; Layer 5cm - 12cm EC (dS/m) 0.178; pH 5.95.
B1	12 - 42cm	Dark brown (10YR 3/3) moist, heavy clay; strong structure; few (2-10%) mottles; few (<10% of ped faces or walls coated), faint clay skins. Layer 12cm - 42cm EC (dS/m) 0.482; pH 6.96.
B2	42 - 120cm	Yellowish brown (10YR 5/4) moist, medium clay; moderate structure; common (10-20%) mottles; few (<10% of ped faces or walls coated), faint clay skins; very few (<2%), fine gravelly (2-6mm). Layer 42cm - 68cm EC (dS/m) 1.316; pH 7.78; Layer 68cm - 95cm EC (dS/m) 2.89; pH 7.79; Layer 95cm - 120cm EC (dS/m) 3.01; pH 7.61.
B3g	120 - 155cm	Dark yellowish brown (10YR 4/4) moist, unknown code "mcs" from data load; many (20-50%) mottles. Layer 120cm - 137cm EC (dS/m) 2.77; pH 7.62; Layer 137cm - 155cm EC (dS/m) 2.31; pH 7.62.