

**Site Information**

**Easting:** 538084  
**Northing:** 5354948  
**Describer:** Chris Grose  
**Date:** 03-Feb-2017

**Runoff:** Very slow  
**Permeability:** Very slowly permeable  
**Drainage:** Imperfectly 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:** Mid-slope  
**Element Type:** Riseslope

**Landform Pattern (300m radius)**  
**Pattern Type:** Rises  
**Pattern Slope Class:** Gently inclined (3-10%)  
**Pattern Relief Class:** Very low (9-30m)  
**Relief Modal Slope:** Undulating rises

**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
A11	0 - 16cm	Very dark greyish brown (10YR 3/2) moist, loamy fine sand; brown (10YR 4/3) dry, loamy fine sand; single grain, single grain structure; no mottles; water repellent. Layer 0cm - 5cm EC (dS/m) 0.249; pH 5.13; Layer 5cm - 16cm EC (dS/m) 0.169; pH 4.88.
A12	16 - 28cm	Dark brown (10YR 3/3) moist, loamy fine sand; brown (10YR 5/3) dry, loamy fine sand; single grain, single grain structure; no mottles; very few (<2%), fine gravelly (2-6mm); water repellent. Layer 16cm - 28cm EC (dS/m) 0.061; pH 5.68.
A3	28 - 47cm	Brown (10YR 4/3) moist, loamy fine sand; pale brown (10YR 6/3) dry, loamy fine sand; single grain, single grain structure; no mottles; few (2-10%), fine gravelly (2-6mm); non-repellent. Layer 28cm - 47cm EC (dS/m) 0.042; pH 6.65.
2B21	47 - 87cm	Dark yellowish brown (10YR 4/4) moist, sandy medium clay; moderate, moderate structure; common (10-20%); few (2-10%), medium (2-6mm), manganiferous nodules; non-repellent. Layer 47cm - 67cm EC (dS/m) 0.172; pH 7.71; Layer 67cm - 87cm EC (dS/m) 0.494; pH 8.78.
2B22	87 - 116cm	Dark yellowish brown (10YR 4/6) moist, sandy light clay; moderate, moderate structure; common (10-20%); very few (<2%), medium (2-6mm), manganiferous nodules; non-repellent. Layer 87cm - 116cm EC (dS/m) 1.115; pH 8.6.
2B3	116 - 140cm	Olive brown (2.5Y 4/3) moist, medium clay; few (2-10%); non-repellent. Layer 116cm - 140cm EC (dS/m) 0.642; pH 8.86.