

**Site Information**

**Easting:** 542407  
**Northing:** 5354499  
**Describer:** Chris Grose  
**Date:** 18-Jan-2017

**Runoff:** Very slow  
**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:** 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 - 18cm	Very dark greyish brown (10YR 3/2) moist, brown (10YR 4/3) dry, loamy fine sand; weak structure; no mottles; water repellent. Layer 0cm - 5cm EC (dS/m) 0.264; pH 5.04; Layer 5cm - 18cm EC (dS/m) 0.17; pH 4.81.
A2	18 - 30cm	Brown (10YR 4/3) moist brown (10YR 5/3) dry, fine sand; single grain structure; no mottles; non-repellent. Layer 18cm - 30cm EC (dS/m) 0.147; pH 5.02.
2B21	30 - 105cm	Dark yellowish brown (10YR 4/4) moist, sandy medium clay; strong structure; common (10-20%) mottles; common (10-50% of ped faces or walls coated), distinct organic - humus cutans; non-repellent. Layer 30cm - 55cm EC (dS/m) 0.374; pH 6.73; Layer 55cm - 80cm EC (dS/m) 0.401; pH 7.48; Layer 80cm - 105cm EC (dS/m) 0.545; pH 7.76.
2B22	105 - 135cm	Brown (10YR 4/3) moist, medium clay; common (10-20%) mottles; non-repellent. Layer 105cm - 135cm EC (dS/m) 1.457; pH 7.42.