

**Site Information**

**Easting:** 541783  
**Northing:** 5345141  
**Describer:** Chris Grose  
**Date:** 01-Mar-2017

**Runoff:** Very slow  
**Permeability:** 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:** Valley flat

**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 - 10cm	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) 0.199; pH 6.1; Layer 5cm - 10cm EC (dS/m) 0.122; pH 5.39.
A12	10 - 31cm	Dark brown (10YR 3/3) moist, dark yellowish brown (10YR 4/4) dry, loamy fine sand; single grain structure; no mottles; non-repellent. Layer 10cm - 31cm EC (dS/m) 0.077; pH 5.61.
A2	31 - 62cm	Yellowish brown (10YR 5/4) moist, light yellowish brown (10YR 6/4) dry, fine sand; single grain structure; no mottles; non-repellent. Layer 31cm - 62cm EC (dS/m) 0.043; pH 7.28.
2B21	62 - 84cm	Yellowish brown (10YR 5/6) moist, sandy clay loam; massive structure; no mottles; non-repellent. Layer 62cm - 84cm EC (dS/m) 0.176; pH 7.14.
2B22	84 - 110cm	Yellowish brown (10YR 5/4) moist, sandy medium clay; massive structure; few (2-10%) mottles; very few (<2%), fine (<2mm), manganiferous soft segregations; non-repellent. Layer 84cm - 110cm EC (dS/m) 0.283; pH 7.16.
2B23	110 - 138cm	Yellowish brown (10YR 5/4) moist, sandy clay loam; massive structure; common (10-20%) mottles; very few (<2%), fine (<2mm), manganiferous soft segregations; non-repellent. Layer 110cm - 138cm EC (dS/m) 0.276; pH 7.23.