

**Site Information**

**Easting:** 542681  
**Northing:** 5351185  
**Describer:** Chris Grose  
**Date:** 18-Jan-2017

**Runoff:** No runoff  
**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:** Level (<1%)  
**Element Morph. Type:** Flat  
**Element Type:** Plain

**Landform Pattern (300m radius)**  
**Pattern Type:** Plain  
**Pattern Slope Class:** Level (<1%)  
**Pattern Relief Class:** Extremely low (<9m)  
**Relief Modal Slope:** Level 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 - 15cm	Very dark greyish brown (10YR 3/2) moist; dark greyish brown (10YR 4/2) dry loamy fine sand; weak structure; no mottles; non-repellent. Layer 0- 5 cm EC (dS/m) 0.221; pH 5.03; Layer 5- 15 cm EC (dS/m) 0.152; pH 5.27.
			
	A2	15 - 22cm	Dark yellowish brown (10YR 4/4) moist; yellowish brown (10YR 5/4) dry fine sand; single grain structure; no mottles; very few (<2%), medium (2-6mm), ferruginous nodules; non-repellent. Layer 15- 22 cm EC (dS/m) 0.113; pH 5.3.
	B1	22 - 40cm	Dark yellowish brown (10YR 4/6) moist heavy clay; strong structure; few (2-10%) mottles; non-repellent. Layer 22- 40 cm EC (dS/m) 0.409; pH 6.02.
	B2	40 - 88cm	Yellowish brown (10YR 5/4) moist heavy clay; strong structure; common (10-20%) mottles; non-repellent. Layer 40- 64 cm EC (dS/m) 0.429; pH 6.83; Layer 64- 88 cm EC (dS/m) 0.387; pH 7.5.
			
	B3	88 - 148cm	Yellowish brown (10YR 5/4) moist heavy clay; many (20-50%) mottles; non-repellent. Layer 88- 118 cm EC (dS/m) 0.639; pH 7.71; Layer 118- 148 cm EC (dS/m) 0.844; pH 7.5.
