

**Site Information**

**Easting:** 543487  
**Northing:** 5357075  
**Describer:** Chris Grose  
**Date:** 17-Jan-2017

**Runoff:** No runoff  
**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:** 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
WFP 015 0-5 5-11 11-22 22-41 41-61 61-84 84-114 114-131 131-146	A11	0 - 11cm	Dark brown (10YR 3/3) moist, light fine sandy clay loam; brown (10YR 4/3) dry, light fine sandy clay loam; strong, strong structure; no mottles; non-repellent. Layer 0cm - 5cm EC (dS/m) 0.288; pH 5.41; Layer 5cm - 11cm EC (dS/m) 0.162; pH 5.27.
	A12	11 - 22cm	Dark yellowish brown (10YR 3/4) moist, light fine sandy clay loam; brown (10YR 4/3) dry, light fine sandy clay loam; strong, strong structure; no mottles; non-repellent. Layer 11cm - 22cm EC (dS/m) 0.149; pH 5.29.
	B21	22 - 61cm	Dark brown (10YR 3/3) moist, heavy clay; strong, strong structure; no mottles; common (10-50% of ped faces or walls coated), faint stress cutans; non-repellent. Layer 22cm - 41cm EC (dS/m) 0.284; pH 6.63; Layer 41cm - 61cm EC (dS/m) 0.357; pH 7.75.
	B23	61 - 84cm	Dark yellowish brown (10YR 4/4) moist, sandy medium clay; few (2-10%); common (10-20%), coarse (6-20mm), calcareous soft segregations; non-repellent. Layer 61cm - 84cm EC (dS/m) 0.601; pH 8.44.
	B31	84 - 114cm	Yellowish brown (10YR 5/6) moist, light sandy loam; few (2-10%); very few (<2%), medium (2-6mm), calcareous soft segregations; non-repellent. Layer 84cm - 114cm EC (dS/m) 0.499; pH 8.68.
	B32	114 - 131cm	Brown (10YR 5/3) moist, medium clay; few (2-10%); common (10-20%), coarse (6-20mm), calcareous soft segregations; non-repellent. Layer 114cm - 131cm EC (dS/m) 0.551; pH 8.64.
	D	131 - 146cm	Yellowish brown (10YR 5/4) moist, loamy fine sand; non-repellent. Layer 131cm - 146cm EC (dS/m) 0.394; pH 8.99.