

**Site Information**

**Easting:** 543644  
**Northing:** 5343708  
**Describer:** Chris Grose  
**Date:** 21-Feb-2017

**Runoff:** No runoff  
**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):** 0.85  
**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

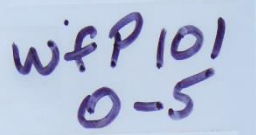
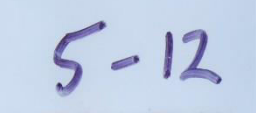
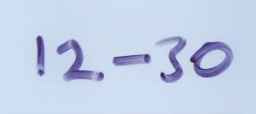

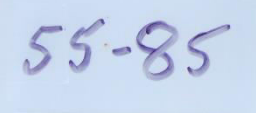

**Inundation Frequency:** No Data  
**Rainfall:** No Data  
**Erosion:** No Data

**Aspect:** No Data  
**Elevation:** No Data

**Soil Classification**

**Australian Soil Classification:** Brown Dermosol  
**ASC Confidence:** No analytical data and little or no knowledge of this soil.  
**Soil Name:**

**Morphological Description**

	Horizon	Depth	Description
	A11	0 - 12cm	Dark brown (7.5YR 3/2) moist, brown (7.5YR 4/3) dry, clay loam; moderate structure; no mottles; few (2-10%), fine gravelly (2-6mm); non-repellent. Layer 0cm - 5cm EC (dS/m) 0.425; pH 5.3; Layer 5cm - 12cm EC (dS/m) 0.362; pH 5.29.
			
	A12	12 - 30cm	Dark brown (7.5YR 3/3) moist, medium clay; moderate structure; no mottles; few (2-10%), medium gravelly (6-20mm); non-repellent. Layer 12cm - 30cm EC (dS/m) 0.445; pH 5.71.
	B2k	30 - 55cm	Brown (10YR 4/3) moist, medium clay; strong structure; no mottles; few (2-10%), coarse (6-20mm), calcareous soft segregations; very few (<2%), fine gravelly (2-6mm); non-repellent. Layer 30cm - 55cm EC (dS/m) 0.884; pH 6.25.
	B3	55 - 85cm	Dark yellowish brown (10YR 4/4) moist, medium clay; common (10-20%) mottles; few (2-10%), medium gravelly (6-20mm); non-repellent. Layer 55cm - 85cm EC (dS/m) 0.287; pH 6.87.
	C	85 - 105cm	Dark yellowish brown (10YR 4/4) moist, medium clay; common (10-20%) mottles; few (2-10%), medium gravelly (6-20mm); non-repellent. Layer 85cm - 105cm EC (dS/m) 0.284; pH 7.34.