

**Site Information**

**Easting:** 540714  
**Northing:** 5349578  
**Describer:** Chris Grose  
**Date:** 01-Mar-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:** Lower-slope  
**Element Type:** Riseslope

Landform Pattern (300m radius)

**Pattern Type:** Plain  
**Pattern Slope Class:** Gently inclined (3-10%)  
**Pattern Relief Class:** Extremely low (<9m)  
**Relief Modal Slope:** Undulating plain

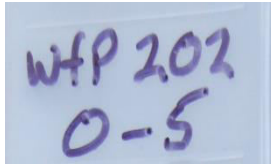
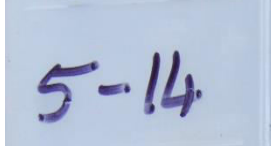
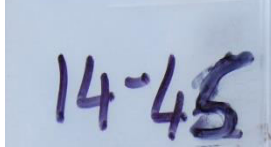
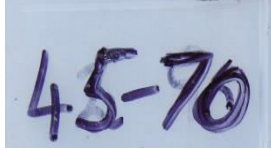
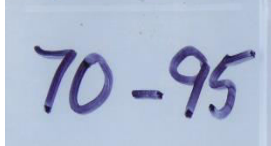
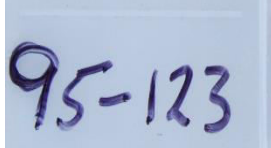
**Inundation Frequency:** No Data  
**Rainfall:** No Data  
**Erosion:** No Data

**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
	A1 0 - 14cm	Dark brown (10YR 3/3) moist; brown (10YR 4/3) dry loam; moderate structure; no mottles; non-repellent. Layer 0- 5cm EC (dS/m) 0.245; pH 5.17; Layer 5- 14cm EC (dS/m) 0.097; pH 5.5.
		
	B21 14 - 45cm	Black (10YR 2/1) moist medium clay; strong structure; no mottles; common (10-50% of ped faces or walls coated), faint stress cutans; non-repellent. Layer 14- 45cm EC (dS/m) 0.998; pH 7.69.
	B22k 45 - 95cm	Greyish brown (2.5y 5/2) moist medium clay; strong structure; no mottles; few (<10% of ped faces or walls coated), faint stress cutans; common (10-20%), coarse (6-20mm), calcareous soft segregations; non-repellent. Layer 45- 70cm EC (dS/m) 1.765; pH 8.37; Layer 70- 95cm EC (dS/m) 0.225; pH 8.27.
		
	B3 95 - 151cm	Greyish brown (2.5y 5/2) moist light clay; moderate structure; few (2-10%) mottles; very few (<2%), fine (<2mm), manganiferous soft segregations; very few (<2%), medium gravelly (6-20mm); non-repellent. Layer 95- 123cm EC (dS/m) 0.269; pH 8.11; Layer 123- 151cm EC (dS/m) 0.335; pH 7.89.
