

**Site Information**

**Easting:** 543806  
**Northing:** 5361237  
**Describer:** Chris Grose  
**Date:** 10-Jan-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):** No Data  
**Surface Coarse Fragments:** Very few (<2%), Cobbly (60-200mm)

**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:** Very gently sloped (1-3%)  
**Pattern Relief Class:** Extremely low (<9m)  
**Relief Modal Slope:** Gently undulating plain

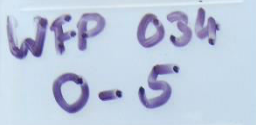
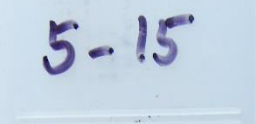
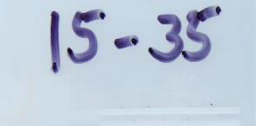

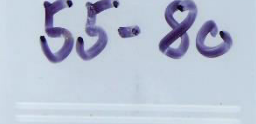
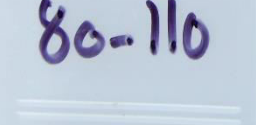
**Inundation Frequency:** No Data  
**Rainfall:** No Data  
**Erosion:** No Data

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

**Soil Classification**

**Australian Soil Classification:** Black Vertosol  
**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 brown (10YR 2/2) moist, light clay; moderate structure; no mottles; non-repellent. Layer 0cm - 5cm EC (dS/m) 0.199; pH 5.77; Layer 5cm - 15cm EC (dS/m) 0.234; pH 5.47.
			
	B21	15 - 55cm	Very dark greyish brown (10YR 3/2) moist, heavy clay; strong structure; very few (<2%) mottles; common (10-50% of ped faces or walls coated), distinct slicken sides; few (2-10%), coarse (6-20mm), calcareous soft segregations; non-repellent. Layer 15cm - 35cm EC (dS/m) 0.457; pH 6.86; Layer 35cm - 55cm EC (dS/m) 0.62; pH 8.14.
			
	B22	55 - 80cm	Very dark greyish brown (10YR 3/2) moist, heavy clay; strong structure; no mottles; common (10-50% of ped faces or walls coated), distinct slicken sides; few (2-10%), coarse (6-20mm), calcareous soft segregations; non-repellent. Layer 55cm - 80cm EC (dS/m) 0.838; pH 8.34.
	B3	80 - 140cm	Brown (10YR 4/3) moist, medium clay; no mottles; very few (<2%), fine (<2mm), calcareous soft segregations; non-repellent. Layer 80cm - 110cm EC (dS/m) 1.378; pH 8.24; Layer 110cm - 140cm EC (dS/m) 1.613; pH 8.14.
