

**Site Information**

**Easting:** 541211  
**Northing:** 5344517  
**Describer:** Chris Grose  
**Date:** 28-Feb-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):** 0.78  
**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:** Alluvial 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:** Red Vertosol  
**ASC Confidence:** No analytical data and little or no knowledge of this soil.  
**Soil Name:**

**Morphological Description**

	Horizon	Depth	Description
WFP027 0-5	A1	0 - 12cm	Black (10YR 2/1) moist, very dark grey (10YR 3/1) dry, medium clay; strong structure; no mottles; non-repellent. Layer 0cm - 5cm EC (dS/m) 0.447; pH 5.73; Layer 5cm - 12cm EC (dS/m) 0.365; pH 5.55.
5-12			
12-37	B21	12 - 37cm	Black (10YR 2/1) moist, medium heavy clay; strong structure; no mottles; very few (<2%), medium (2-6mm), calcareous soft segregations; very few (<2%), medium gravelly (6-20mm); non-repellent. Layer 12cm - 37cm EC (dS/m) 0.888; pH 7.86.
37-60	B22k	37 - 60cm	Brown (10YR 4/3) moist, medium clay; strong structure; few (2-10%) mottles; common (10-20%), very coarse (20-60mm), calcareous soft segregations; non-repellent. Layer 37cm - 60cm EC (dS/m) 1.627; pH 8.15.
60-78	B3	60 - 78cm	Dark yellowish brown (10YR 4/4) moist, medium clay; moderate structure; few (2-10%) mottles; non-repellent. Layer 60cm - 78cm EC (dS/m) 0.282; pH 8.07.
78-101			
101-124	C	78 - 148cm	Yellowish brown (10YR 5/4) moist, light clay; common (10-20%) mottles; non-repellent. Layer 78cm - 101cm EC (dS/m) 0.308; pH 7.96; Layer 101cm - 124cm EC (dS/m) 1.993; pH 8.02; Layer 124cm - 148cm EC (dS/m) 1.561; pH 8.16.
124-148			