

**Site Information**

**Easting:** 540868  
**Northing:** 5375772  
**Describer:** R Moreton  
**Date:** 08-Mar-2017

**Runoff:** Moderately rapid  
**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):** 0.9  
**Surface Coarse Fragments:** Few (2-10%), Cobbly (60-200mm)

**Landform Information**

**Landform Element (20m radius)**

**Element Slope Class:** Gently inclined (3-10%)  
**Element Morph. Type:** Lower-slope  
**Element Type:** Hillslope

**Landform Pattern (300m radius)**

**Pattern Type:** Low hills  
**Pattern Slope Class:** Moderately inclined (10-32%)  
**Pattern Relief Class:** Low (30-90m)  
**Relief Modal Slope:** Rolling low hills

**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 001 0-5 5-11	A1	0 - 11cm	Very dark greyish brown (10YR 3/2) moist, dark greyish brown (10YR 4/2) dry, clay loam; strong 5-10 mm structure; no mottles; few (2-10%), medium (2-6mm), ferromanganiferous nodules; very few (<2%), fine gravelly (2-6mm); non-repellent. Layer 0 - 5cm EC (dS/m) 0.317; pH 5.6; Layer 5 - 11cm EC (dS/m) 0.304; pH 5.45.
11-24	B1	11 - 24cm	Very dark greyish brown (10YR 3/2) moist, medium clay; strong 20-50 mm structure; very few (<2%) mottles; few (2-10%), medium (2-6mm), ferromanganiferous concretions; very few (<2%), fine gravelly (2-6mm); non-repellent. Layer 11 - 24cm EC (dS/m) 0.421; pH 6.0.
24-54	B21	24 - 54cm	Very dark greyish brown (10YR 3/2) moist, medium clay; massive structure; very few (<2%) mottles; very few (<2%), fine gravelly (2-6mm); non-repellent. Layer 24 - 54cm EC (dS/m) 0.681; pH 6.86.
54-74	B22	54 - 74cm	Dark greyish brown (2.5Y 4/2) moist, medium clay; massive structure; very few (<2%) mottles; few (2-10%), medium (2-6mm), manganiferous soft segregations; non-repellent. Layer 54 - 74cm EC (dS/m) 0.972; pH 7.63.
74-90	BC	74 - 90cm	Dark greyish brown (10YR 4/2) moist, medium clay; massive structure; few (2-10%) mottles; non-repellent. Layer 74 - 90cm EC (dS/m) 1.515; pH 7.62.
90-120	C1	90 - 150cm	Light red (2.5YR 6/6) moist, sandy light clay; massive structure; common (10-20%) mottles; non-repellent. Layer 90 - 120cm EC (dS/m) 1.535; pH 7.57; Layer 120cm - 150cm EC (dS/m) 1.538; pH 6.74.
120-150			