

**Site Information**

**Easting:** 521000  
**Northing:** 5389804  
**Describer:** R Moreton  
**Date:** 03-Mar-2017

**Runoff:** Very slow  
**Permeability:** Slowly permeable  
**Drainage:** Imperfectly 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:** 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 Sodosol  
**ASC Confidence:** No analytical data and little or no knowledge of this soil.  
**Soil Name:**

**Morphological Description**

	Horizon	Depth	Description
WFP029 0-5	A1	0 - 12cm	Dark greyish brown (10YR 4/2) moist, fine sandy clay loam; moderate, 5-10mm structure; very few (<2%) mottles; non-repellent. Layer 0cm - 5cm EC (dS/m) 0.229; pH 6.85; Layer 5cm - 12cm EC (dS/m) 0.176; pH 6.8.
5-12	A2	12 - 24cm	Greyish brown (10YR 5/2) moist, light brownish grey (10YR 6/2) dry, silty loam; massive structure; few (2-10%) mottles; weakly cemented, densipan pan; non-repellent. Layer 12cm - 24cm EC (dS/m) 0.142; pH 6.53.
12-24	B1	24 - 47cm	Dark brown (10YR 3/3) moist, light medium clay; moderate, 20-50mm structure; common (10-20%) mottles; few (<10% of ped faces or walls coated), faint stress cutans; non-repellent. Layer 24cm - 47cm EC (dS/m) 0.413; pH 5.73.
24-47	B2	47 - 94cm	Dark yellowish brown (10YR 4/4) moist, medium clay; moderate, 50-100mm structure; common (10-20%) mottles; few (<10% of ped faces or walls coated), distinct stress cutans; non-repellent. Layer 47cm - 71cm EC (dS/m) 0.472; pH 6.23; Layer 71cm - 94cm EC (dS/m) 0.778; pH 6.43.
47-71	B31	94 - 124cm	Greyish brown (2.5Y 5/2) moist, light medium clay; moderate, 50-100mm structure; few (2-10%) mottles; common (10-50% of ped faces or walls coated), distinct clay skins; non-repellent. Layer 94cm - 124cm EC (dS/m) 1.46; pH 5.98.
71-94	B32	124 - 150cm	Dark greyish brown (2.5Y 4/2) moist, light medium clay; massive structure; very few (<2%); non-repellent. Layer 124cm - 150cm EC (dS/m) 1.617; pH 5.29.
94-124			
124-150			