

**Site Information**

**Easting:** 532636  
**Northing:** 5384267  
**Describer:** R Moreton  
**Date:** 09-Mar-2017

**Runoff:** 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:** Very few (<2%), Cobbly (60-200mm)

**Land Form Information**

**Landform Element (20m radius)**  
**Element Slope Class:** Very gently sloped (1-3%)  
**Element Morph. Type:** Lower-slope  
**Element Type:** Hillslope

**Landform Pattern (300m radius)**  
**Pattern Type:** Low hills  
**Pattern Slope Class:** Gently inclined (3-10%)  
**Pattern Relief Class:** Low (30-90m)  
**Relief Modal Slope:** Undulating low hills

**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:** Brumby

**Morphological Description**

Horizon	Depth	Description
A1	0 - 13cm	Dark brown (10YR 3/3) moist, brown (10YR 5/3) dry, fine sandy clay loam; weak, 5-10mm structure; very few (<2%) mottles; few (2-10%), fine (<2mm), ferromanganiferous nodules; few (2-10%), medium gravelly (6-20mm); water repellent. Layer 0cm - 5cm EC (dS/m) 0.431; pH 5.6; Layer 5cm - 13cm EC (dS/m) 0.241; pH 5.02.
A2	13 - 20cm	Very dark greyish brown (10YR 3/2) moist, greyish brown (10YR 5/2) dry, fine sandy clay loam; weak, 2-5mm structure; very few (<2%) mottles; few (2-10%), fine (<2mm), ferromanganiferous nodules; water repellent. Layer 13cm - 20cm EC (dS/m) 0.122; pH 5.62.
B1	20 - 50cm	Light brownish grey (10YR 6/2) moist, fine sandy light clay; massive structure; common (10-20%) mottles; many (20-50%), fine (<2mm), manganiferous concretions; non-repellent. Layer 20cm - 50cm EC (dS/m) 0.413; pH 6.24.
B21	50 - 77cm	Dark yellowish brown (10YR 4/4) moist, medium clay; strong, 20-50mm structure; few (2-10%) mottles; few (<10% of ped faces or walls coated), distinct clay skins; non-repellent. Layer 50cm - 77cm EC (dS/m) 1.661; pH 5.5.
B22	77 - 103cm	Brown (10YR 4/3) moist, light medium clay; strong, 20-50mm structure; few (2-10%) mottles; few (<10% of ped faces or walls coated), distinct clay skins; non-repellent. Layer 77cm - 103cm EC (dS/m) 0.271; pH 5.09.
B3	103 - 153cm	Greyish brown (10YR 5/2) moist, light medium clay; massive structure; few (2-10%) mottles; few (2-10%), fine gravelly (2-6mm); non-repellent. Layer 103cm - 128cm EC (dS/m) 0.275; pH 5.02; Layer 128cm - 153cm EC (dS/m) 0.302; pH 5.06.