

**Site Information**

**Easting:** 524146  
**Northing:** 5386133  
**Describer:** R Moreton  
**Date:** 03-Mar-2017

**Runoff:** Moderately rapid  
**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:** Mid-slope  
**Element Type:** Riseslope

**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:** Brumby

**Morphological Description**



Horizon	Depth	Description
A1	0 - 17cm	Very dark grey (10YR 3/1) moist, dark greyish brown (10YR 4/2) dry, fine sandy clay loam; moderate, 5-10mm structure; very few (<2%) mottles; very few (<2%), medium (2-6mm), ferromanganiferous nodules; few (2-10%), fine gravelly (2-6mm); non-repellent. Layer 0cm - 5cm EC (dS/m) 0.352; pH 6.9; Layer 5cm - 17cm EC (dS/m) 0.18; pH 6.78.
A2	17 - 32cm	Greyish brown (10YR 5/2) moist, light grey (10YR 7/2) dry, silty loam; massive structure; few (2-10%) mottles; few (2-10%), medium (2-6mm), ferromanganiferous nodules; weakly cemented, densipan pan; few (2-10%), fine gravelly (2-6mm); non-repellent. Layer 17cm - 32cm EC (dS/m) 0.168; pH 6.04.
B1	32 - 56cm	Dark yellowish brown (10YR 4/6) moist, fine sandy light medium clay; weak, 20-50mm structure; common (10-20%) mottles; few (<10% of ped faces or walls coated), distinct clay skins; non-repellent. Layer 32cm - 56cm EC (dS/m) 0.584; pH 6.41.
B21	56 - 80cm	Yellowish brown (10YR 5/6) moist, fine sandy light medium clay; weak, 50-100mm structure; common (10-20%) mottles; many (>50% of ped faces or walls coated), distinct clay skins; non-repellent. Layer 56cm - 80cm EC (dS/m) 0.787; pH 6.78.
B22	80 - 130cm	Light olive brown (2.5Y 5/3) moist, sandy medium clay; weak, 50-100mm structure; common (10-20%) mottles; common (10-50% of ped faces or walls coated), distinct clay skins; non-repellent. Layer 80cm - 105cm EC (dS/m) 1.007; pH 7.06; Layer 105cm - 130cm EC (dS/m) 1.074; pH 7.25.
B3	130 - 150cm	Yellowish brown (10YR 5/6) moist, sandy light clay; weak, 50-100mm structure; common (10-20%) mottles; non-repellent. Layer 130cm - 150cm EC (dS/m) 0.959; pH 7.36.

