

**Site Information**

**Easting:** 513219  
**Northing:** 5388106  
**Describer:** R Moreton  
**Date:** 28-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:** Upper-slope  
**Element Type:** Riseslope

Landform Pattern (300m radius)

**Pattern Type:** Rises  
**Pattern Slope Class:** Gently inclined (3-10%)  
**Pattern Relief Class:** Very low (9-30m)  
**Relief Modal Slope:** Undulating rises

**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:** Brickendon

**Morphological Description**



Horizon	Depth	Description
A1	0 - 19cm	Very dark brown (10YR 2/2) moist sandy clay loam; moderate, 5-10mm structure; few (2-10%) mottles; very few (<2%), fine (<2mm), ferromanganiferous nodules; few (2-10%), fine gravelly (2-6mm); non-repellent. Layer 0- 5cm EC (ds/m) 0.195; pH 7.03; Layer 5- 19cm EC (ds/m) 0.216; pH 7.23.
A2	19 - 30cm	Brown (10YR 4/3) moist sandy loam; massive structure; few (2-10%) mottles; very few (<2%), fine (<2mm), ferromanganiferous nodules; few (2-10%), fine gravelly (2-6mm); non-repellent. Layer 19- 30cm EC (ds/m) 0.566; pH 6.62.
B1	30 - 60cm	Yellowish brown (10YR 5/6) moist light clay; strong, 20-50mm structure; common (10-20%) mottles; common (10-50% of ped faces or walls coated), distinct clay skins; non-repellent. Layer 30- 60cm EC (ds/m) 0.157; pH 6.66.
B2	60 - 90cm	Yellowish brown (10YR 5/8) moist light clay; moderate, 20-50mm structure; few (2-10%) mottles; few (<10% of ped faces or walls coated), distinct clay skins; non-repellent. Layer 60- 90cm EC (ds/m) 1.181; pH 6.57.
BC	90 - 150cm	Brownish yellow (10YR 6/8) moist light medium clay; massive structure; common (10-20%) mottles; very few (<2%), coarse gravelly (20-60mm); non-repellent. Layer 90- 120cm EC (ds/m) 1.325; pH 6.49; Layer 120- 150cm EC (ds/m) 1.131; pH 6.6.