

**Site Information**

**Easting:** 519406  
**Northing:** 5399270  
**Describer:** R Moreton  
**Date:** 14-Feb-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:** 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

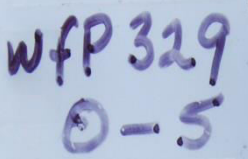



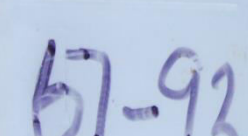
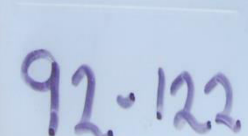
**Inundation Frequency:** No Data  
**Rainfall:** No Data  
**Erosion:** No Data

**Aspect:** No Data  
**Elevation:** No Data

**Soil Classification**

**Australian Soil Classification:** Brown Dermosol  
**ASC Confidence:** No analytical data and little or no knowledge of this soil.  
**Soil Name:** Brickendon

**Morphological Description**

	Horizon	Depth	Description
	A1	0 - 8cm	Black (10YR 2/1) moist; dark greyish brown (10YR 4/2) dry clay loam; moderate, 2-5mm structure; no mottles; very few (<2%), fine (<2mm), ferruginous nodules; very few (<2%), fine gravelly (2-6mm); non-repellent. Layer 0- 5cm EC (dS/m) 0.079; pH 5.38.
	A3	8 - 21cm	Very dark grey (10YR 3/1) moist; dark greyish brown (10YR 4/2) dry clay loam; strong, 5-10mm structure; very few (<2%) mottles; very few (<2%), medium (2-6mm), ferruginous nodules; very few (<2%), medium gravelly (6-20mm); non-repellent. Layer 8- 21cm EC (dS/m) 0.047; pH 5.59.
	B21	21 - 40cm	Dark brown (10YR 3/3) moist light medium clay; strong, 10-20mm structure; very few (<2%) mottles; few (2-10%), medium (2-6mm), ferromanganiferous nodules; few (2-10%), medium gravelly (6-20mm); non-repellent. Layer 21- 40cm EC (dS/m) 0.099; pH 6.56.
	B22	40 - 67cm	Dark greyish brown (10YR 4/2) moist medium clay; strong, 20-50mm structure; very few (<2%) mottles; few (2-10%), fine (<2mm), ferromanganiferous nodules; few (2-10%), medium gravelly (6-20mm); non-repellent. Layer 40- 67cm EC (dS/m) 0.276; pH 7.26.
	B3	67 - 92cm	Dark greyish brown (10YR 4/2) moist medium clay; massive structure; very few (<2%) mottles; few (2-10%), medium gravelly (6-20mm); non-repellent. Layer 67- 92cm EC (dS/m) 0.749; pH 8.24.
	BC	92 - 122cm	Dark brown (10YR 3/3) moist fine sandy light clay; massive structure; very few (<2%) mottles; common (10-20%), medium gravelly (6-20mm); non-repellent. Layer 92- 122cm EC (dS/m) 0.853; pH 8.45.