

**Site Information**

**Easting:** 523563  
**Northing:** 5394892  
**Describer:** R Moreton  
**Date:** 02-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):** 1.23  
**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:** Alluvial plain  
**Pattern Slope Class:** Very gently sloped (1-3%)  
**Pattern Relief Class:** Extremely low (<9m)  
**Relief Modal Slope:** Gently undulating plain

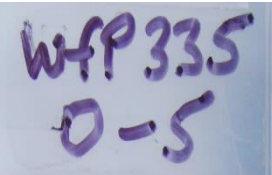
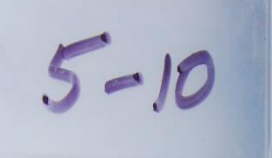
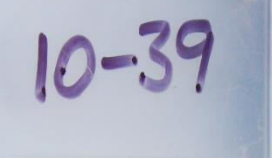
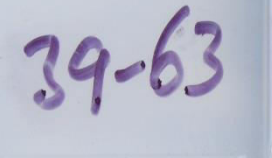
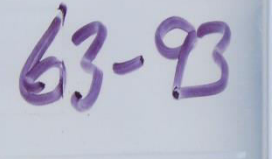
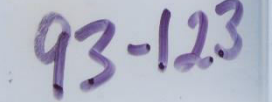
**Inundation Frequency:** No Data  
**Rainfall:** No Data  
**Erosion:** No Data

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

**Soil Classification**

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

**Morphological Description**

	Horizon	Depth	Description
	A1	0 - 10cm	Black (10YR 2/1) moist; dark greyish brown (10YR 4/2) dry coarse sandy clay loam; weak, 2-5mm structure; very few (<2%) mottles; common (10-20%), fine gravelly (2-6mm); water repellent. Layer 0- 5cm EC (dS/m) 0.162; pH 5.0; Layer 5- 10cm EC (dS/m) 0.156; pH 4.84.
			
	A2	10 - 39cm	Dark yellowish brown (10YR 4/4) moist; very pale brown (10YR 7/3) dry loamy fine sand; massive structure; few (2-10%) mottles; very few (<2%), fine (<2mm), manganiferous nodules; weakly cemented, densipan pan; many (20-50%), coarse gravelly (20-60mm); non-repellent. Layer 10- 39cm EC (dS/m) 0.037; pH 4.91.
	B1	39 - 63cm	Yellowish brown (10YR 5/6) moist light clay; moderate, 20-50mm structure; common (10-20%) mottles; common (10-50% of ped faces or walls coated), distinct clay skins; few (2-10%), coarse gravelly (20-60mm); non-repellent. Layer 39- 63cm EC (dS/m) 0.168; pH 5.16.
	B2	63 - 93cm	Yellowish brown (10YR 5/8) moist light medium clay; massive structure; common (10-20%) mottles; common (10-50% of ped faces or walls coated), distinct clay skins; few (2-10%), coarse gravelly (20-60mm); non-repellent. Layer 63- 93cm EC (dS/m) 0.212; pH 4.42.
	BC	93 - 123cm	Light brownish grey (2.5Y 6/2) moist medium clay; massive structure; common (10-20%) mottles; common (10-20%), coarse gravelly (20-60mm); non-repellent. Layer 93- 123cm EC (dS/m) 0.166; pH 4.31.