

**Site Information**

**Easting:** 522904  
**Northing:** 5395152  
**Describer:** R Moreton  
**Date:** 02-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:** Few (2-10%), Fine gravelly (2-6mm)

**Land Form Information**

**Landform Element (20m radius)**

**Element Slope Class:** Very gently sloped (1-3%)  
**Element Morph. Type:** Flat  
**Element Type:** Risecrest

**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

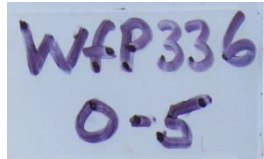
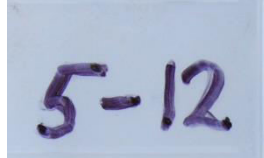
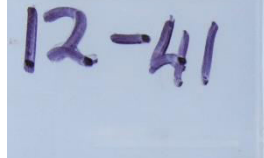
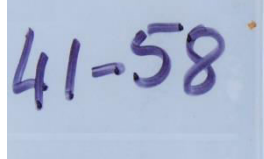
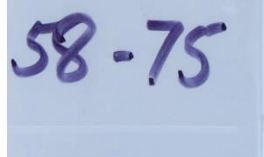
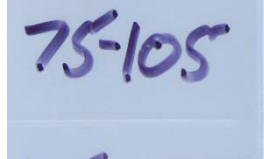
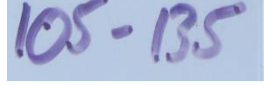
**Inundation Frequency:** No Data  
**Rainfall:** No Data  
**Erosion:** Partial, Minor wind, Partial, Minor sheet erosion

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

**Soil Classification**

**Australian Soil Classification:** Brown Kurosol  
**ASC Confidence:** Analytical data are incomplete but reasonable confidence.  
**Soil Name:** Brickendon

**Morphological Description**

	Horizon	Depth	Description
	A1	0 - 12cm	Dark brown (7.5YR 3/3) moist; brown (10YR 4/3) dry fine sandy clay loam; weak, 2-5mm structure; no mottles; common (10-20%), fine gravelly (2-6mm); water repellent. Layer 0- 5cm EC (dS/m) 0.309; pH 4.76; Layer 5- 12cm EC (dS/m) 0.109; pH 4.52.
	A2	12 - 41cm	Dark yellowish brown (10YR 4/4) moist; light grey (10YR 7/1) dry loamy fine sand; massive structure; no mottles; abundant (50-90%), medium gravelly (6-20mm); non-repellent. Layer 12-41cm EC (dS/m) 0.047; pH 4.83.
			
	B1	41 - 75cm	Yellowish brown (10YR 5/6) moist light medium clay; moderate, 20-50mm structure; common (10-20%) mottles; few (<10% of ped faces or walls coated), distinct clay skins; few (2-10%), coarse gravelly (20-60mm); non-repellent. Layer 41- 58cm EC (dS/m) 0.152; pH 5.77; Layer 58- 75cm EC (dS/m) 0.187; pH 5.17.
	B2	75 - 105cm	Dark yellowish brown (10YR 4/4) moist light medium clay; moderate, 20-50mm structure; common (10-20%) mottles; few, distinct clay skins; few (2-10%), coarse (6-20mm), ferruginous concretions; few (2-10%), coarse gravelly (20-60mm); non-repellent. Layer 75- 105cm EC (dS/m) 0.142; pH 4.77.
			
	BC	105 - 135cm	Light brownish grey (10YR 6/2) moist light medium clay; massive structure; common (10-20%) mottles; few (2-10%), coarse (6-20mm), ferruginous concretions; common (10-20%), coarse gravelly (20-60mm); non-repellent. Layer 105- 135cm EC (dS/m) 0.135; pH 4.76.