

Site Information

Easting: 528099
Northing: 5395328
Describer: R Moreton
Date: 17-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: Gently inclined (3-10%)
Element Morph. Type: Lower-slope
Element Type: Hillslope

Landform Element (300m radius)

Pattern Type: Low hills
Pattern Slope Class: Moderately inclined (10-
Pattern Relief Class: Low (30-90m)
Relief Modal Slope: Rolling low hills

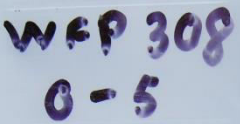





Inundation Frequency: No Data
Rainfall: No Data
Erosion: No Data

Aspect: No Data
Elevation: No Data

Soil Classification

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

Morphological Description

	Horizon	Depth	Description
	A1	0 - 10cm	Very dark greyish brown (10YR 3/2) moist; greyish brown (10YR 5/2) dry fine sandy clay loam; weak, 2-5mm structure; very few (<2%) mottles; very few (<2%), fine (<2mm), ferromanganiferous nodules; very few (<2%), medium gravelly (6-20mm); water repellent. Layer 0- 5cm EC (dS/m) 0.189; pH 5.39; Layer 5- 10cm EC (dS/m) 0.097; pH 5.31.
	A2	10 - 20cm	Dark greyish brown (10YR 4/2) moist; light brownish grey (10YR 6/2) dry silty loam; massive structure; no mottles; common (10-20%), medium (2-6mm), ferromanganiferous nodules; weakly cemented, densipan pan; few (2-10%), fine gravelly (2-6mm); non-repellent. Layer 10- 20cm EC (dS/m) 0.062; pH 5.75.
	B21	20 - 44cm	Very dark grey (10YR 3/1) moist light medium clay; strong, 10-20mm structure; common (10-20%) mottles; common (10-20%), medium (2-6mm), ferromanganiferous nodules; very few (<2%), fine gravelly (2-6mm); non-repellent. Layer 20- 44cm EC (dS/m) 0.449; pH 6.51.
	B22	44 - 70cm	Dark yellowish brown (10YR 4/4) moist light clay; massive structure; few (2-10%) mottles; very few (<2%), fine gravelly (2-6mm); non-repellent. Layer 44- 70cm EC (dS/m) 1.161; pH 7.47.
	B31	70 - 130cm	Olive brown (2.5Y 4/3) moist light clay; massive structure; very few (<2%) mottles; very few (<2%), fine gravelly (2-6mm); non-repellent. Layer 70- 100cm EC (dS/m) 0.251; pH 7.63; Layer 100- 130cm EC (dS/m) 0.265; pH 7.49.
	B32	130 - 154cm	Light olive brown (2.5Y 5/4) moist light clay; massive structure; common (10-20%) mottles; common (10-20%), medium gravelly (6-20mm); non-repellent. Layer 130- 154cm EC (dS/m) 0.245; pH 7.53.
