

Site Information

Easting: 514178
Northing: 5396611
Describer: R Moreton
Date: 23-Jan-2017

Runoff: Moderately rapid
Permeability: Moderately 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: Flat
Element Type: Terrace 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

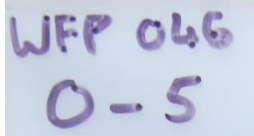
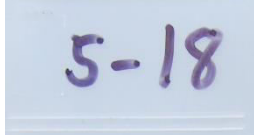
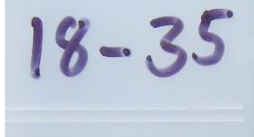
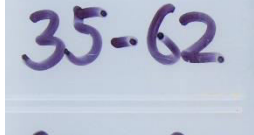
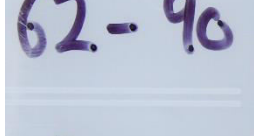
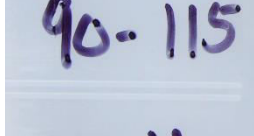
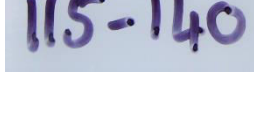
Inundation Frequency: No Data
Rainfall: No Data
Erosion: No Data

Aspect: No Data
Elevation: No Data

Soil Classification

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

Morphological Description

	Horizon	Depth	Description
	A1	0 - 18cm	Very dark greyish brown (10YR 3/2) moist, grey (10YR 5/1) dry, fine sandy loam; weak structure; no mottles; non-repellent. Layer 0cm - 5cm EC (dS/m) 0.159; pH 7.02; Layer 5cm - 18cm EC (dS/m) 0.149; pH 6.64.
			
	A2e	18 - 35cm	Greyish brown (10YR 5/2) moist, light grey (10YR 7/1) dry, silty loam; weak structure; no mottles; common (10-20%), medium gravelly (6-20mm); non-repellent. Layer 18cm - 35cm EC (dS/m) 0.091; pH 6.22.
	B21	35 - 62cm	Dark yellowish brown (10YR 4/4) moist, medium clay; massive structure; few (2-10%) mottles; common (10-20%), medium (2-6mm), ferromanganiferous nodules; few (2-10%), medium gravelly (6-20mm); non-repellent. Layer 35cm - 62cm EC (dS/m) 0.219; pH 6.58.
			
	B22	62 - 90cm	Yellowish brown (10YR 5/6) moist, fine sandy light clay; massive structure; common (10-20%) mottles; common (10-20%), medium (2-6mm), ferromanganiferous nodules; few (2-10%), medium gravelly (6-20mm); non-repellent. Layer 62cm - 90cm EC (dS/m) 0.16; pH 7.31.
	B3	90 - 140cm	Dark yellowish brown (10YR 4/6) moist, light clay; massive structure; common (10-20%) mottles; non-repellent. Layer 90cm - 115cm EC (dS/m) 0.566; pH 7.56; Layer 115cm - 140cm EC (dS/m) 0.701; pH 7.7.