

Site Information

Easting: 540047
Northing: 5372001
Describer: R Moreton
Date: 06-Apr-2017

Runoff: Very 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): 1.21
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 Chromosol
ASC Confidence: No analytical data and little or no knowledge of this soil.
Soil Name: Brumby/Brickendon

Morphological Description

	Horizon	Depth	Description
WFP 228 0-5	A1	0 - 10cm	Very dark greyish brown (10YR 3/2) moist clay loam; strong, 5-10 mm structure; common (10-20%) mottles; very few (<2%), medium (2-6mm), ferromanganiferous nodules; common (10-20%), quartz fine gravelly (2-6mm); non-repellent. Layer 0-5cm EC (dS/m) 0.474; pH 6.54; Layer 5- 10cm EC (dS/m) 0.27; pH 6.71.
5-10	A2	10 - 20cm	Greyish brown (10YR 5/2) moist fine sandy clay loam; massive structure; few (2-10%) mottles; common (10-20%), medium (2-6mm), ferromanganiferous nodules; weakly cemented, densipan pan; common (10-20%), quartz fine gravelly (2-6mm); non-repellent. Layer 10- 20cm EC (dS/m) 0.333; pH 5.59.
10-20	B1	20 - 34cm	Very dark grey (10YR 3/1) moist medium clay; moderate, 20-50 mm structure; common (10-20%) mottles; few (<10% of ped faces or walls coated), distinct clay skins; few (2-10%), medium (2-6mm), ferromanganiferous nodules; common (10-20%), quartz fine gravelly (2-6mm); non-repellent. Layer 20- 34cm EC (dS/m) 0.47; pH 5.56.
34-53	B2	34 - 73cm	Light olive brown (2.5Y 5/3) moist light clay; moderate, 20-50 mm structure; common (10-20%) mottles; common (10-50% of ped faces or walls coated), distinct clay skins; non-repellent. Layer 34- 53cm EC (dS/m) 0.707; pH 5.84; Layer 53- 73cm EC (dS/m) 1.359; pH 6.35.
53-73	B3	73 - 121cm	Light olive brown (2.5Y 5/3) moist light clay; massive structure; very few (<2%) mottles; non-repellent. Layer 73- 98cm EC (dS/m) 1.513; pH 7.07; Layer 98- 121cm EC (dS/m) 1.297; pH 7.35.
73-98			
98-121			
121-151	2C	121 - 151cm	Light olive brown (2.5Y 5/4) moist sandy light clay; massive structure; very few (<2%) mottles; non-repellent. Layer 121-151cm EC (dS/m) 0.809; pH 7.31.