

Site Information

Easting: 534812
Northing: 5371714
Describer: R Moreton
Date: 05-Apr-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: Simple-slope
Element Type: Riseslope

Landform Pattern (300m radius)

Pattern Type: Rises
Pattern Slope Class: Gently inclined (3-10%)
Pattern Relief Class: Very low (9-30m)
Relief Modal Slope: Undulating rises

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 - 14cm	Very dark brown (7.5YR 2.5/2) moist; brown (7.5YR 4/2) dry fine sandy clay loam; weak, 5-10 mm structure; few (2-10%) mottles; very few (<2%), fine (<2mm), ferromanganiferous nodules; very few (<2%), fine gravelly (2-6mm); non-repellent. Layer 0- 5cm EC (dS/m) 0.255; pH 6.08; Layer 5- 14cm EC (dS/m) 0.183; pH 5.97.
A2e	14 - 25cm	Brown (7.5YR 4/3) moist; light grey (10YR 7/2) dry loamy fine sand; weak, 2-5 mm structure; very few (<2%) mottles; common (10-20%), medium (2-6mm), ferromanganiferous nodules; weakly cemented, densipan pan; few (2-10%), fine gravelly (2-6mm); non-repellent. Layer 14- 25cm EC (dS/m) 0.125; pH 5.87.
2B2	25 - 75cm	Light olive brown (2.5y 5/3) moist medium clay; moderate, 20-50 mm structure; common (10-20%) mottles; few (<10% of ped faces or walls coated), distinct clay skins; non-repellent. Layer 25- 50cm EC (dS/m) 0.873; pH 6.71; Layer 50- 75cm EC (dS/m) 0.488; pH 7.28.
2B31	75 - 125cm	Yellowish brown (10YR 5/6) moist medium clay; moderate, 20-50 mm structure; common (10-20%) mottles; few (<10% of ped faces or walls coated), distinct clay skins; non-repellent. Layer 75- 100cm EC (dS/m) 0.688; pH 7.63; Layer 100- 125cm EC (dS/m) 1.078; pH 7.72.
2B32	125 - 155cm	Yellowish brown (10YR 5/8) moist sandy medium clay; moderate, 50-100 mm structure; common (10-20%) mottles; few (<10% of ped faces or walls coated), distinct clay skins; non-repellent. Layer 125- 155cm EC (dS/m) 1.522; pH 7.65.