

Site Information

Easting: 520025
Northing: 5388136
Describer: R Moreton
Date: 15-Feb-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): 1.36
Surface Coarse Fragments: Very few (<2%), Cobbly (60-200mm)

Land Form Information

Landform Element (20m radius)
Element Slope Class: Very gently sloped (1-3%)
Element Morph. Type: Upper-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: Active, Minor wind erosion

Aspect: No Data
Elevation: No Data

Soil Classification

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

Morphological Description

	Horizon	Depth	Description
WFP319 0-5	A1	0 - 10cm	Very dark greyish brown (10YR 3/2) moist; dark greyish brown (10YR 4/2) dry fine sandy clay loam; weak, 5-10mm structure; very few (<2%) mottles; few (2-10%), fine gravelly (2-6mm); water repellent. Layer 0- 5cm EC (dS/m) 0.113; pH 5.82; Layer 5- 10cm EC (dS/m) 0.05; pH 5.35.
5-10	A21	10 - 22cm	Brown (10YR 5/3) moist; very pale brown (10YR 8/2) dry fine sandy loam; massive structure; common (10-20%) mottles; very few (<2%), medium (2-6mm), ferruginous nodules; weakly cemented, silcrete pan; few (2-10%), fine gravelly (2-6mm); non-repellent. Layer 10- 22cm EC (dS/m) 0.046; pH 4.84.
10-22	A22	22 - 36cm	Brownish yellow (10YR 6/6) moist; yellow (10YR 7/6) dry clayey sand; massive structure; few (2-10%) mottles; common (10-20%), medium (2-6mm), ferruginous nodules; moderately cemented, silcrete pan; few (2-10%), medium gravelly (6-20mm); non-repellent. Layer 22- 36cm EC (dS/m) 0.029; pH 5.18.
22-36	B1	36 - 66cm	Yellowish brown (10YR 5/8) moist light medium clay; moderate, 20-50mm structure; very few (<2%) mottles; few, distinct clay skins; few (2-10%), fine gravelly (2-6mm); non-repellent. Layer 36- 66cm EC (dS/m) 0.104; pH 5.39.
36-66	B2	66 - 106cm	Light olive brown (2.5Y 5/8) moist medium clay; moderate, 20-50mm structure; no mottles; distinct clay skins; few (2-10%), medium gravelly (6-20mm); non-repellent. Layer 66- 86cm EC (dS/m) 0.12; pH 5.17; Layer 86- 106cm EC (dS/m) 0.114; pH 4.99.
66-86	B3	106 - 136cm	Yellowish brown (10YR 5/6) moist medium clay; moderate, 50-100mm structure; no mottles; few (<10% of ped faces or walls coated), distinct clay skins; common (10-20%), medium gravelly (6-20mm); non-repellent. Layer 106- 136cm EC (dS/m) 0.075; pH 4.79.
86-106			
106-136			
136-155	C	136 - 155cm	Light grey (10YR 7/1) moist coarse sandy clay; massive structure; no mottles; abundant (50-90%), coarse gravelly (20-60mm); non-repellent. Layer 136- 155cm EC (dS/m) 0.052; pH 4.76.