

Site Information

Easting: 517237
Northing: 5397158
Describer: R Moreton
Date: 25-Jan-2017

Runoff: 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): 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: Mid-slope
Element Type: Hillslope

Landform Pattern (300m radius)

Pattern Type: Low hills
Pattern Slope Class: Very gently sloped (1-3%)
Pattern Relief Class: Low (30-90m)
Relief Modal Slope: No Data

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

Aspect: No Data
Elevation: No Data

Soil Classification

Australian Soil Classification: Brown Kurosol
ASC Confidence: No analytical data are available but confidence is fair.
Soil Name: Brickendon

Morphological Description



Horizon	Depth	Description
A1	0 - 12cm	Very dark greyish brown (10YR 3/2) moist; dark greyish brown (10YR 4/2) dry fine sandy loam; weak, 5-10 mm structure; no mottles; very few (<2%), medium (2-6mm), ferromanganiferous nodules; non-repellent. Layer 0- 5cm EC (dS/m) 0.047; pH 5.5; Layer 5- 12cm EC (dS/m) 0.042; pH 5.33.
A21	12 - 32cm	Dark brown (10YR 3/3) moist; light brownish grey (10YR 6/2) dry fine sandy loam; weak, 2-5 mm structure; no mottles; few (2-10%), medium (2-6mm), ferromanganiferous nodules; very few (<2%), medium gravelly (6-20mm); non-repellent. Layer 12- 32cm EC (dS/m) 0.029; pH 5.13.
A22	32 - 62cm	Brown (10YR 4/3) moist; pale brown (10YR 6/3) dry loamy fine sand; massive structure; no mottles; common (10-20%), medium (2-6mm), ferromanganiferous nodules; weakly cemented, silcrete pan; many (20-50%), medium gravelly (6-20mm); non-repellent. Layer 32- 62cm EC (dS/m) 0.025; pH 5.79.
B21	62 - 87cm	Yellowish brown (10YR 5/8) moist light medium clay; massive structure; few (2-10%) mottles; few (2-10%), medium (2-6mm), ferromanganiferous nodules; few (2-10%), medium gravelly (6-20mm); non-repellent. Layer 62- 87cm EC (dS/m) 0.206; pH 5.03.
B22	87 - 115cm	Yellowish brown (10YR 5/6) moist light medium clay; massive structure; common (10-20%) mottles; very few (<2%), medium (2-6mm), ferromanganiferous nodules; very few (<2%), medium gravelly (6-20mm); non-repellent. Layer 87- 115cm EC (dS/m) 0.274; pH 4.79.
B3	115 - 145cm	Dark yellowish brown (10YR 4/6) moist medium clay; few (2-10%) mottles; very few (<2%), medium (2-6mm), ferromanganiferous nodules; very few (<2%), medium gravelly (6-20mm); non-repellent. Layer 115- 145cm EC (dS/m) 0.287; pH 4.83.