

Site Information

Easting: 522591
Northing: 5394670
Describer: R Moreton
Date: 01-Feb-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: Very gently sloped (1-3%)
Element Morph. Type: Crest
Element Type: Hillcrest

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 are available but confidence is fair.
Soil Name: Brickendon

Morphological Description

Horizon	Depth	Description
A1	0 - 16cm	Dark brown (7.5YR 3/2) moist, brown (10YR 5/3) dry, sandy clay loam; weak, 2-5 mm structure; no mottles; very few (<2%), medium (2-6mm), ferromanganiferous nodules; very few (<2%), medium gravelly (6-20mm); non-repellent. Layer 0cm - 5cm EC (dS/m) 0.07; pH 5.25; Layer 5cm - 16cm EC (dS/m) 0.082; pH 5.15.
A2	16 - 40cm	Brown (10YR 4/3) moist, pale brown (10YR 6/3) dry, silty loam; massive structure; no mottles; many (20-50%), coarse (6-20mm), ferromanganiferous nodules; moderately cemented, silcrete pan; few (2-10%), medium gravelly (6-20mm); non-repellent. Layer 16cm - 40cm EC (dS/m) 0.046; pH 5.38.
B1	40 - 70cm	Dark yellowish brown (10YR 4/6) moist, light medium clay; moderate, 20-50 mm structure; common (10-20%) mottles; few (<10% of ped faces or walls coated), distinct slicken sides; very few (<2%), medium gravelly (6-20mm); non-repellent. Layer 40cm - 70cm EC (dS/m) 0.219; pH 6.67.
B2	70 - 114cm	Yellowish brown (10YR 5/6) moist, light medium clay; massive structure; common (10-20%) mottles; few (<10% of ped faces or walls coated), distinct slicken sides; very few (<2%), medium gravelly (6-20mm); non-repellent. Layer 70cm - 92cm EC (dS/m) 0.199; pH 6.75; Layer 92cm - 114cm EC (dS/m) 0.223; pH 5.47.
B3	114 - 143cm	Dark yellowish brown (10YR 4/4) moist, light medium clay; massive structure; common (10-20%) mottles; very few (<2%), medium gravelly (6-20mm); non-repellent. Layer 114cm - 143cm EC (dS/m) 0.243; pH 4.94.