

Site Information

Easting: 524879
Northing: 5401157
Describer: R Moreton
Date: 08-Mar-2017

Runoff: Moderately rapid
Permeability: Slowly permeable
Drainage: Moderately well 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: Low hills
Pattern Slope Class: Gently inclined (3-10%)
Pattern Relief Class: Low (30-90m)
Relief Modal Slope: Undulating low hills

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 - 12cm	Dark brown (7.5YR 3/2) moist; brown (7.5YR 4/3) dry clay loam; strong, 5-10mm structure; no mottles; very few (<2%), medium (2-6mm), ferromanganiferous nodules; few (2-10%), medium gravelly (6-20mm); non-repellent. Layer 0- 5cm EC (ds/m) 0.24; pH 5.75; Layer 5- 12cm EC (ds/m) 0.154; pH 5.03.
A2	12 - 28cm	Dark brown (7.5YR 3/3) moist; brown (7.5YR 5/3) dry fine sandy clay loam; massive structure; few (2-10%) mottles; common (10-20%), medium (2-6mm), ferromanganiferous nodules; weakly cemented, densipan pan; few (2-10%), medium gravelly (6-20mm); non-repellent. Layer 12- 28cm EC (ds/m) 0.083; pH 5.17.
B21	28 - 57cm	Strong brown (7.5YR 4/6) moist light medium clay; moderate, 20-50mm structure; few (2-10%) mottles; non-repellent. Layer 28- 57cm EC (ds/m) 0.291; pH 6.15.
B22	57 - 73cm	Yellowish red (5YR 4/6) moist light medium clay; moderate, 20-50mm structure; common (10-20%) mottles; non-repellent. Layer 57- 73cm EC (ds/m) 0.363; pH 6.54.
BC1	73 - 97cm	Brown (7.5YR 4/4) moist light clay; massive structure; common (10-20%) mottles; non-repellent. Layer 73- 97cm EC (ds/m) 0.351; pH 6.62.
BC2	97 - 147cm	Strong brown (7.5YR 5/6) moist light clay; massive structure; common (10-20%) mottles; non-repellent. Layer 97- 122cm EC (ds/m) 0.329; pH 5.86; Layer 122- 147cm EC (ds/m) 0.326; pH 5.06.