

Site Information

Easting: 531834
Northing: 5404023
Describer: R Moreton
Date: 08-Mar-2017

Runoff: Moderately rapid
Permeability: Slowly permeable
Drainage: Imperfectly drained
Land Capability: 5
Observation Type: Undisturbed soil core

Depth to Watertable (m): No Data
Depth to Substrate (m): 0.69
Surface Coarse Fragments: Few (2-10%), Cobbly (60-200mm)

Land Form Information

Landform Element (20m radius)

Element Slope Class: Gently inclined (3-10%)
Element Morph. Type: Lower-slope
Element Type: Hillslope

Landform Pattern (300m radius)

Pattern Type: Low hills
Pattern Slope Class: Moderately
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 Chromosol
ASC Confidence: No analytical data and little or no knowledge of this soil.
Soil Name: Eastfield

Morphological Description

Horizon	Depth	Description
A1	0 - 15cm	Very dark brown (10YR 2/2) moist; dark greyish brown (10YR 4/2) dry fine sandy clay loam; moderate, 10-20mm structure; no mottles; very few (<2%), coarse gravelly (20-60mm); non-repellent. Layer 0- 5cm EC (dS/m) 0.236; pH 5.72; Layer 5- 15cm EC (dS/m) 0.204; pH 5.83.
A2	15 - 29cm	Very dark greyish brown (10YR 3/2) moist; grey (10YR 6/1) dry silty loam; massive structure; very few (<2%) mottles; common (10-20%), fine (<2mm), ferromanganiferous nodules; very few (<2%), coarse gravelly (20-60mm); non-repellent. Layer 15- 29cm EC (dS/m) 0.156; pH 6.01.
B2	29 - 49cm	Dark greyish brown (10YR 4/2) moist light medium clay; strong, 20-50mm structure; common (10-20%) mottles; very few (<2%), medium gravelly (6-20mm); non-repellent. Layer 29- 49cm EC (dS/m) 0.503; pH 5.84.
BC	49 - 69cm	Dark brown (10YR 3/3) moist light medium clay; moderate, 50- 100mm structure; common (10-20%) mottles; common (10- 50% of ped faces or walls coated), distinct clay skins; very few (<2%), medium gravelly (6-20mm); non-repellent. Layer 49- 69cm EC (dS/m) 0.314; pH 6.68.
C1	69 - 99cm	Pale yellow (2.5Y 7/4) moist sandy clay loam; massive structure; common (10-20%) mottles; non-repellent. Layer 69- 99cm EC (dS/m) 0.263; pH 7.12.
C2	99 - 125cm	Pale olive (5Y 6/4) moist sandy clay loam; massive structure; common (10-20%) mottles; common (10-20%), medium (2- 6mm), manganiferous concretions; non-repellent. Layer 99- 125cm EC (dS/m) 0.125; pH 7.58.
C3	125 - 155cm	Pale yellow (5Y 7/4) moist clayey sand; massive structure; common (10-20%) mottles; non-repellent. Layer 125- 155cm EC (dS/m) 0.259; pH 7.07.