

Site Information

Easting: 518325
Northing: 5397522
Describer: R Moreton
Date: 31-Jan-2017

Runoff: Slow
Permeability: Moderately 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: 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: Woodstock

Morphological Description

Horizon	Depth	Description
A1	0 - 14cm	Dark greyish brown (10YR 4/2) moist; brown (10YR 5/3) dry fine sandy loam; weak, 10-20 mm platy structure; no mottles; very few (<2%), medium (2-6mm), ferromanganiferous nodules; very few (<2%), fine gravelly (2-6mm); non-repellent. Layer 0- 5cm EC (dS/m) 0.172; pH 6.24; Layer 5- 14cm EC (dS/m) 0.139; pH 6.24.
A2	14 - 27cm	Light brownish grey (10YR 6/2) moist; brown (10YR 5/3) dry silty loam; weak, 10-20 mm platy structure; very few (<2%) mottles; few (2-10%), medium (2-6mm), ferromanganiferous nodules; very few (<2%), fine gravelly (2-6mm); non-repellent. Layer 14- 27cm EC (dS/m) 0.087; pH 6.09.
B1	27 - 51cm	Dark brown (10YR 3/3) moist light medium clay; moderate, 20-50 mm structure; very few (<2%) mottles; common (10-50% of ped faces or walls coated), distinct slicken sides; non-repellent. Layer 27- 51cm EC (dS/m) 0.176; pH 6.3.
B2	51 - 91cm	Dark yellowish brown (10YR 4/4) moist medium clay; massive structure; very few (<2%) mottles; common (10-50% of ped faces or walls coated), distinct slicken sides; non-repellent. Layer 51- 71cm EC (dS/m) 0.232; pH 6.7; Layer 71- 91cm EC (dS/m) 0.252; pH 6.57.
B3	91 - 141cm	Greyish brown (2.5Y 5/2) moist light medium clay; massive structure; few (2-10%) mottles; non-repellent. Layer 91- 116cm EC (dS/m) 0.589; pH 5.15; Layer 116- 141cm EC (dS/m) 0.831; pH 4.75.