

Site Information

Easting: 520593
Northing: 5391318
Describer: R Moreton
Date: 15-Feb-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: Flat
Element Type: Plain

Landform Pattern (300m radius)

Pattern Type: Plain
Pattern Slope Class: Very gently sloped (1-3%)
Pattern Relief Class: Extremely low (<9m)
Relief Modal Slope: Gently undulating plain

Inundation Frequency: No Data
Rainfall: No Data
Erosion: Minor, Partial, Sheet

Aspect: No Data
Elevation: No Data

Soil Classification

Australian Soil Classification: Brown Sodosol
ASC Confidence: No analytical data and little or no knowledge of this soil.
Soil Name: Brumby

Morphological Description

Horizon	Depth	Description
A1	0 - 11cm	Dark greyish brown (10YR 4/2) moist, silty clay loam; weak, 5-10 mm structure; no mottles; non-repellent. Layer 0cm - 5cm EC (dS/m) 1.457; pH 6.56; Layer 5cm - 11cm EC (dS/m) 0.64; pH 6.15.
A2	11 - 19cm	Light brownish grey (10YR 6/2) moist, white (10YR 8/1) dry, silty loam; massive structure; few (2-10%) mottles; few (2-10%), coarse (6-20mm), ferromanganiferous nodules; weakly cemented, densipan pan; non-repellent. Layer 11cm - 19cm EC (dS/m) 0.24; pH 5.81.
B1	19 - 47cm	Dark brown (10YR 3/3) moist, light clay; strong, 20-50 mm structure; few (2-10%) mottles; few (<10% of ped faces or walls coated), distinct clay skins; very few (<2%), medium (2-6mm), manganiferous soft segregations; non-repellent. Layer 19cm - 47cm EC (dS/m) 0.378; pH 5.92.
B2	47 - 97cm	Dark greyish brown (2.5Y 4/2) moist, light clay; strong, 50-100 mm structure; few (2-10%) mottles; few (<10% of ped faces or walls coated), faint clay skins; non-repellent. Layer 47cm - 72cm EC (dS/m) 0.502; pH 5.59; Layer 72cm - 97cm EC (dS/m) 0.593; pH 5.27.
B3	97 - 120cm	Yellowish brown (10YR 5/6) moist, fine sandy light medium clay; massive structure; few (2-10%) mottles; non-repellent. Layer 97cm - 120cm EC (dS/m) 0.555; pH 5.14.
BC	120 - 150cm	Yellowish brown (10YR 5/8) moist, light medium clay; massive structure; few (2-10%) mottles; non-repellent. Layer 120cm - 150cm EC (dS/m) 0.743; pH 4.93.