

Site Information

Easting: 540896
Northing: 5372869
Describer: R Moreton
Date: 05-Apr-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: Alluvial 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: No Data

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 brown (10YR 3/3) moist, brown (10YR 5/3) dry, fine sandy light clay; moderate, 5-10 mm structure; few (2-10%) mottles; few (2-10%), medium (2-6mm), ferromanganiferous nodules; few (2-10%), fine gravelly (2-6mm); non-repellent. Layer 0cm - 5cm EC (dS/m) 0.213; pH 6.0; Layer 5cm - 11cm EC (dS/m) 0.193; pH 5.36.
B1	11 - 33cm	Dark yellowish brown (10YR 4/6) moist, fine sandy medium clay; moderate, 20-50 mm structure; few (2-10%) mottles; common (10-50% of ped faces or walls coated), distinct clay skins; very few (<2%), medium (2-6mm), ferromanganiferous nodules; non-repellent. Layer 11cm - 33cm EC (dS/m) 0.471; pH 7.02.
B2	33 - 60cm	Light olive brown (2.5Y 5/3) moist, sandy light clay; moderate, 20-50 mm structure; few (2-10%) mottles; few (<10% of ped faces or walls coated), faint clay skins; very few (<2%), medium (2-6mm), ferromanganiferous nodules; few (2-10%), fine gravelly (2-6mm); non-repellent. Layer 33cm - 60cm EC (dS/m) 0.526; pH 7.76.
B31	60 - 90cm	Light olive brown (2.5Y 5/4) moist, light clay; weak, 20-50 mm structure; few (2-10%) mottles; few (<10% of ped faces or walls coated), distinct slicken sides; few (2-10%), fine gravelly (2-6mm); non-repellent. Layer 60cm - 90cm EC (dS/m) 1.171; pH 8.18.
B32	90 - 150cm	Light brownish grey (2.5Y 6/3) moist, light clay; weak, 20-50 mm structure; few (2-10%) mottles; few (<10% of ped faces or walls coated), faint slicken sides; few (2-10%), fine gravelly (2-6mm); non-repellent. Layer 90cm - 120cm EC (dS/m) 0.205; pH 7.7; Layer 120cm - 150cm EC (dS/m) 0.22; pH 7.36.