

Site Information

Easting: 528106
Northing: 5381275
Describer: R Moreton
Date: 17-Mar-2017

Runoff: Moderately rapid
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: Mid-slope
Element Type: Terrace plain

Landform Pattern (300m radius)

Pattern Type: Alluvial plain
Pattern Slope Class: Gently inclined (3-10%)
Pattern Relief Class: Extremely low (<9m)
Relief Modal Slope: 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
Ap	0 - 10cm	Very dark greyish brown (10YR 3/2) moist; brown (10YR 5/3) dry silty clay loam; weak, 20-50 mm structure; no mottles; few (2-10%), medium (2-6mm), ferromanganiferous nodules; non-repellent. Layer 0- 5cm EC (dS/m) 0.381; pH 5.94; Layer 5- 10cm EC (dS/m) 0.451; pH 5.83.
A2	10 - 21cm	Very dark greyish brown (10YR 3/2) moist; greyish brown (10YR 5/2) dry silty loam; massive structure; few (2-10%) mottles; common (10-20%), medium (2-6mm), ferromanganiferous nodules; moderately cemented, densipan pan; non-repellent. Layer 10- 21cm EC (dS/m) 0.152; pH 6.62.
B21	21 - 42cm	Light olive brown (2.5Y 5/3) moist medium clay; moderate, 20- 50 mm structure; very few (<2%) mottles; few (<10% of ped faces or walls coated), distinct clay skins; few (2-10%), fine (<2mm), ferromanganiferous nodules; non-repellent. Layer 21- 42cm EC (dS/m) 0.366; pH 7.3.
B22	42 - 94cm	Light olive brown (2.5Y 5/4) moist medium clay; weak, 20-50 mm structure; no mottles; few (<10% of ped faces or walls coated), distinct slicken sides; few (2-10%), fine gravelly (2- 6mm); non-repellent. Layer 42- 68cm EC (dS/m) 0.873; pH 8.18; Layer 68- 94cm EC (dS/m) 1.304; pH 8.37.
B3	94 - 148cm	Greyish brown (2.5Y 5/2) moist light medium clay; massive structure; few (2-10%) mottles; non-repellent. Layer 94- 121cm EC (dS/m) 1.743; pH 8.05; Layer 121- 148cm EC (dS/m) 1.634; pH 8.1.