

Site Information

Easting: 518201
Northing: 5396496
Describer: R Moreton
Date: 25-Jan-2017

Runoff: Very slow
Permeability: Slowly permeable
Drainage: Poorly drained
Land Capability: 4
Observation Type: Undisturbed soil core

Depth to Watertable (m): No Data
Depth to Substrate (m): No Data
Surface Coarse Fragments: Very few (<2%), Medium gravelly (6-20mm)

Land Form Information

Landform Element (20m radius)

Element Slope Class: Very gently sloped (1-3%)
Element Morph. Type: Mid-slope
Element Type: Footslope

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: Partially stabilised, Minor sheet erosion

Aspect: No Data
Elevation: No Data

Soil Classification

Australian Soil Classification: Brown Sodosol
ASC Confidence: No analytical data are available but confidence is fair.
Soil Name: Brumby

Morphological Description



Horizon	Depth	Description
A1	0 - 5cm	Very dark greyish brown (10YR 3/2) moist, fine sandy clay loam; weak, 5-10mm structure; no mottles; very few (<2%), fine (<2mm), ferromanganiferous nodules; non-repellent. Layer 0cm - 5cm EC (dS/m) 0.175; pH 5.61.
A2	5 - 25cm	Dark greyish brown (10YR 4/2) moist, pinkish grey (7.5YR 6/2) dry, silty loam; massive structure; few (2-10%) mottles; very many (>50%), coarse (6-20mm), ferromanganiferous nodules; weakly cemented, silcrete pan; few (2-10%), fine gravelly (2-6mm); non-repellent. Layer 5cm - 25cm EC (dS/m) 0.079; pH 5.94.
B1	25 - 50cm	Yellowish brown (10YR 5/4) moist, light medium clay; massive structure; common (10-20%) mottles; common (10-50% of ped faces or walls coated), distinct slicken sides; very few (<2%), coarse (6-20mm), ferromanganiferous nodules; few (2-10%), fine gravelly (2-6mm); non-repellent. Layer 25cm - 50cm EC (dS/m) 0.147; pH 6.46.
B22	50 - 125cm	Dark yellowish brown (10YR 4/4) moist, light clay; massive structure; common (10-20%) mottles; common (10-50% of ped faces or walls coated), faint slicken sides; very few (<2%), coarse (6-20mm), ferromanganiferous nodules; few (2-10%), fine gravelly (2-6mm); non-repellent. Layer 50cm - 75cm EC (dS/m) 0.184; pH 6.74; Layer 75cm - 100cm EC (dS/m) 0.186; pH 6.77; Layer 100cm - 125cm EC (dS/m) 0.266; pH 6.61.
B23	125 - 140cm	Yellowish brown (10YR 5/6) moist, light clay; massive structure; common (10-20%) mottles; non-repellent. Layer 125cm - 140cm EC (dS/m) 0.279; pH 6.27.