

Site Information

Easting: 523547
Northing: 5388168
Describer: R Moreton

Runoff: Moderately rapid
Permeability: Slowly permeable
Drainage: Imperfectly drained

Date: 03-Mar-2017

Land Capability: 4
Observation Type: Undisturbed soil core

Depth to Watertable (m): No Data
Depth to Substrate (m): 0.82
Surface Coarse Fragments: No surface coarse fragments

Land Form Information**Landform Element (20m radius)**

Element Slope Class: Gently inclined (3-10%)
Element Morph. Type: Mid-slope
Element Type: Riseslope

Landform Pattern (300m radius)

Pattern Type: Plain
Pattern Slope Class: Moderately inclined (10-32%)
Pattern Relief Class: Extremely low (<9m)
Relief Modal Slope: Rolling 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 - 24cm	Very dark greyish brown (10YR 3/2) moist; brown (10YR 5/3) dry fine sandy clay loam; moderate, 5-10 mm structure; very few (<2%) mottles; very few (<2%), medium gravelly (6-20mm); non-repellent. Layer 0- 5cm EC (dS/m) 0.194; pH 7.33; Layer 5- 24cm EC (dS/m) 0.094; pH 6.63.
A2	24 - 37cm	Brown (10YR 4/3) moist; light grey (10YR 7/2) dry silty loam; massive structure; few (2-10%) mottles; common (10-20%), medium (2-6mm), ferruginous nodules; weakly cemented, densipan pan; non-repellent. Layer 24- 37cm EC (dS/m) 0.074; pH 6.0.
2B2	37 - 67cm	Very dark greyish brown (10YR 3/2) moist medium clay; moderate, 20-50 mm structure; few (2-10%) mottles; few (<10% of ped faces or walls coated), distinct slicken sides; non-repellent. Layer 37- 67cm EC (dS/m) 0.335; pH 6.14.
3BC	67 - 82cm	Dark yellowish brown (10YR 4/4) moist sandy light clay; massive structure; common (10-20%) mottles; few (2-10%), fine (<2mm), ferruginous soft segregations; non-repellent. Layer 67- 82cm EC (dS/m) 0.225; pH 7.19.
3C1	82 - 112cm	Yellowish brown (10YR 5/6) moist sandy light clay; massive structure; common (10-20%) mottles; non-repellent. Layer 82- 112cm EC (dS/m) 0.325; pH 7.88.
3C2	112 - 132cm	Yellowish brown (10YR 5/8) moist fine sandy light clay; massive structure; common (10-20%) mottles; few (2-10%), medium (2-6mm), manganiferous soft segregations; non-repellent. Layer 112- 132cm EC (dS/m) 0.493; pH 8.19.
3C3	132 - 152cm	Brownish yellow (10YR 6/6) moist fine sandy light clay; massive structure; common (10-20%) mottles; non-repellent. Layer 132- 152cm EC (dS/m) 0.46; pH 7.93.