

Site Information

Easting: 516484
Northing: 5398354
Describer: R Moreton
Date: 14-Feb-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): 0.9
Surface Coarse Fragments: No surface coarse fragments

Land Form Information

Landform Element (20m radius)

Element Slope Class: Moderately inclined (10-32%)
Element Morph. Type: Mid-slope
Element Type: Hillslope
 No Data

Landform Pattern (300m radius)

Pattern Type: Low hills
Pattern Slope Class: Moderately inclined (10-32%)
Pattern Relief Class: Low (30-90m)
Relief Modal Slope: Rolling low hills

Inundation Frequency: No Data
Rainfall: No Data
Erosion: No Data

Aspect: No Data
Elevation: No Data

Soil Classification

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

Morphological Description



Horizon	Depth	Description
A1	0 - 20cm	Very dark brown (10YR 2/2) moist; dark greyish brown (10YR 4/2) dry silty clay loam; weak, 5-10 mm structure; no mottles; very few (<2%), medium (2-6mm), ferruginous nodules; non-repellent. Layer 0- 5cm EC (dS/m) 0.276; pH 5.78; Layer 5- 20cm EC (dS/m) 0.161; pH 5.81.
A2	20 - 45cm	Very dark greyish brown (10YR 3/2) moist; pale brown (10YR 6/3) dry silty loam; massive structure; no mottles; few (2-10%), coarse (6-20mm), ferruginous nodules; non-repellent. Layer 20- 45cm EC (dS/m) 0.053; pH 5.85.
B21	45 - 64cm	Dark greyish brown (10YR 4/2) moist light clay; moderate, 10-20 mm structure; common (10-20%) mottles; very few (<2%), medium (2-6mm), ferromanganiferous nodules; non-repellent. Layer 45- 64cm EC (dS/m) 0.227; pH 5.26.
B22	64 - 90cm	Very dark greyish brown (10YR 3/2) moist light clay; massive structure; few (2-10%) mottles; very few (<2%), medium (2-6mm), ferromanganiferous nodules; non-repellent. Layer 64- 90cm EC (dS/m) 0.237; pH 4.91.
C1	90 - 117cm	Dark yellowish brown (10YR 4/6) moist sandy light clay; massive structure; common (10-20%) mottles; very few (<2%), coarse (6-20mm), manganiferous soft segregations; very few (<2%), medium gravelly (6-20mm); non-repellent. Layer 90- 117cm EC (dS/m) 0.084; pH 5.21.
C2	117 - 145cm	Light olive brown (2.5y 5/3) moist sandy loam; massive structure; common (10-20%) mottles; very few (<2%), coarse (6-20mm), manganiferous soft segregations; very few (<2%), medium gravelly (6-20mm); non-repellent. Layer 117- 145cm EC (dS/m) 0.101; pH 4.93.