

Site Information

Easting: 534048
Northing: 5357328
Describer: Chris Grose
Date: 19-Jan-2017

Runoff: Moderately rapid
Permeability: Very slowly permeable
Drainage: Moderately well drained
Land Capability: 6
Observation Type: Undisturbed soil core

Depth to Watertable (m): No Data
Depth to Substrate (m): No Data
Surface Coarse Fragments: Very few (<2%), Cobbly (60-200mm)

Land Form Information

Landform Element (20m radius)

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

Landform Pattern (300m radius)

Pattern Type: Hills
Pattern Slope Class: Moderately inclined (10-32%)
Pattern Relief Class: High (90-300m)
Relief Modal Slope: Rolling hills

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

Aspect: No Data
Elevation: No Data

Soil Classification

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

Morphological Description

Horizon	Depth	Description
A1	0 - 14cm	Very dark greyish brown (10YR 3/2) moist fine sandy clay loam; moderate structure; no mottles; few (2-10%), fine gravelly (2-6mm); non-repellent. Layer 0- 5cm EC (dS/m) 0.116; pH 5.9; Layer 5- 14cm EC (dS/m) 0.123; pH 6.0.
A2	14 - 23cm	Dark greyish brown (10YR 4/2) moist fine sandy clay loam; weak structure; no mottles; few (2-10%), fine gravelly (2-6mm); non-repellent. Layer 14- 23cm EC (dS/m) 0.119; pH 6.02.
2B21	23 - 50cm	Brown (10YR 4/3) moist heavy clay; strong structure; no mottles; common (10-50% of ped faces or walls coated), distinct organic - humus cutans; non-repellent. Layer 23- 50cm EC (dS/m) 0.251; pH 6.68.
2B22	50 - 92cm	Dark yellowish brown (10YR 4/4) moist medium clay; strong structure; few (2-10%) mottles; common (10-50% of ped faces or walls coated), faint stress cutans; very few (<2%), fine (<2mm), calcareous nodules; non-repellent. Layer 50- 71cm EC (dS/m) 0.459; pH 7.62; Layer 71- 92cm EC (dS/m) 0.677; pH 8.02.
2B23	92 - 140cm	Dark yellowish brown (10YR 4/6) moist medium clay; few (2-10%) mottles; very few (<2%), fine (<2mm), calcareous nodules; non-repellent. Layer 92- 116cm EC (dS/m) 0.942; pH 7.96; Layer 116- 140cm EC (dS/m) 1.318; pH 7.71.