

Site Information

Easting: 537125
Northing: 5350944
Describer: Chris Grose
Date: 02-Feb-2017

Runoff: Slow
Permeability: Very slowly permeable
Drainage: Moderately well drained
Land Capability: 5
Observation Type: Undisturbed soil core

Depth to Watertable: No Data
Depth to Substrate: 1.35
Surface Coarse Fragments: No surface coarse fragments

Land Form Information

Landform Element (20m radius)

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

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: Partial, Minor or present (sheet)

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 - 10cm	Very dark greyish brown (10YR 3/2) moist; dark greyish brown (10YR 4/2) dry loamy fine sand; weak structure; no mottles; water repellent. Layer 0- 5cm EC (dS/m) 0.114; pH 6.4; Layer 5- 10cm EC (dS/m) 0.115; pH 5.97.
A2	10 - 20cm	Dark greyish brown (10YR 4/2) moist; greyish brown (10YR 5/2) dry loamy fine sand; weak structure; no mottles; very few (<2%), fine gravelly (2-6mm); non-repellent. Layer 10- 20cm EC (dS/m) 0.073; pH 6.28.
B1	20 - 41cm	Dark yellowish brown (10YR 4/4) moist heavy clay; strong structure; few (2-10%) mottles; common (10-50% of ped faces or walls coated), distinct stress cutans; non-repellent. Layer 20- 41cm EC (dS/m) 0.344; pH 6.92.
B21	41 - 70cm	Dark yellowish brown (10YR 4/6) moist heavy clay; strong structure; few (2-10%) mottles; non-repellent. Layer 41- 70cm EC (dS/m) 0.549; pH 8.21.
B22k	70 - 106cm	Yellowish brown (10YR 5/4) moist heavy clay; strong structure; few (2-10%) mottles; few (2-10%), coarse (6-20mm), calcareous soft segregations; non-repellent. Layer 70- 88cm EC (dS/m) 0.885; pH 8.68; Layer 88- 106cm EC (dS/m) 2.16; pH 8.59.
B3	106 - 135cm	Yellow (10YR 7/6) moist medium clay; few (2-10%) mottles; few (2-10%), medium gravelly (6-20mm); non-repellent. Layer 106- 135cm EC (dS/m) 2.11; pH 8.56.
C	135 - 152cm	Yellow (10YR 7/6) moist medium clay; few (2-10%) mottles; few (2-10%), medium gravelly (6-20mm); non-repellent. Layer 135- 152cm EC (dS/m) 1.661; pH 8.49.