

Site Information

Easting: 536430
Northing: 5348649
Describer: Chris Grose
Date: 12-Jan-2017

Runoff: Very slow
Permeability: Very slowly permeable
Drainage: Moderately well drained
Land Capability: 4
Observation Type: Undisturbed soil core

Depth to Watertable (m): No Data
Depth to Substrate (m): No Data
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: Plain
Pattern Slope Class: Gently inclined (3-10%)
Pattern Relief Class: Extremely low (<9m)
Relief Modal Slope: Undulating plain

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 - 18cm	Dark greyish brown (10YR 4/2) moist, greyish brown (10YR 5/2) dry, silty loam; moderate structure; no mottles; very few (<2%), fine gravelly (2-6mm); water repellent. Layer 0cm - 5cm EC (dS/m) 0.076; pH 5.6; Layer 5cm - 18cm EC (dS/m) 0.157; pH 5.17.
A2	18 - 31cm	Brown (10YR 5/3) moist,; light grey (10YR 7/2) dry, silty clay loam;; weak structure; no mottles; few (2-10%), medium gravelly (6-20mm); non-repellent. Layer 18cm - 31cm EC (dS/m) 0.06; pH 5.63.
B21	31 - 65cm	Dark yellowish brown (10YR 4/4) moist, heavy clay; strong structure; few (2-10%) mottles; few (<10% of ped faces or walls coated), distinct clay skins; non-repellent. Layer 31cm - 48cm EC (dS/m) 0.266; pH 6.68; Layer 48cm - 65cm EC (dS/m) 0.535; pH 7.05.
B22	65 - 86cm	Yellowish brown (10YR 5/6) moist, heavy clay; strong structure; few (2-10%) mottles; non-repellent. Layer 65cm - 86cm EC (dS/m) 0.755; pH 7.7.
B23	86 - 122cm	Yellowish brown (10YR 5/6) moist, light sandy clay loam; few (2-10%) mottles; non-repellent. Layer 86cm - 103cm EC (dS/m) 0.715; pH 8.22; Layer 103cm - 122cm EC (dS/m) 1.074; pH 8.3.
B3	122 - 150cm	Brown (10yr 4/3) moist, medium clay; few (2-10%) mottles; non-repellent. Layer 122cm - 150cm ec 1.303; ph 8.17.