

Site Information

Easting: 514954
Northing: 5291097
Describer: Chris Grose
Date: 15-Jun-2017

Runoff: No runoff
Permeability: Slowly permeable
Drainage: Imperfectly drained
Land Capability: 4
Observation Type: Undisturbed soil core

Depth to Watertable (m): No Data
Depth to Substrate (m): 1.05
Surface Coarse Fragments: Few (2-10%), Coarse gravelly (20-60mm)

Land Form Information

Landform Element (20m radius)

Element Slope Class: Very gently sloped (1-3%)
Element Morph. Type: Mid-slope
Element Type: Fan

Landform Pattern (300m radius)

Pattern Type: Alluvial fan
Pattern Slope Class: Very gently sloped (1-3%)
Pattern Relief Class: Extremely low (<9m)
Relief Modal Slope: Gently 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 - 12cm	Very dark greyish brown (10YR 3/2) moist; dark greyish brown (10YR 4/2) dry fine sandy loam; weak structure; no mottles; very few (<2%), fine gravelly (2-6mm); water repellent. Layer 0- 5cm EC (dS/m) 0.124; pH 5.47; Layer 5- 12cm EC (dS/m) 0.202; pH 5.09.
A2	12 - 25cm	Dark brown (10YR 3/3) moist; dark greyish brown (10YR 4/2) dry fine sandy loam; weak structure; no mottles; few (2-10%), fine gravelly (2-6mm); water repellent. Layer 12- 25cm EC (dS/m) 0.166; pH 5.29.
2B21	25 - 46cm	Yellowish brown (10YR 5/4) moist medium clay; strong structure; few (2-10%) mottles; non-repellent. Layer 25- 46cm EC (dS/m) 0.593; pH 6.69.
2B22	46 - 75cm	Dark yellowish brown (10YR 4/4) moist medium clay; strong structure; few (2-10%) mottles; few (<10% of ped faces or walls coated), faint stress cutans; very few (<2%), medium gravelly (6-20mm); non-repellent. Layer 46- 75cm EC (dS/m) 1.053; pH 7.83.
2B23	75 - 105cm	Dark yellowish brown (10YR 4/4) moist medium clay; strong structure; few (2-10%) mottles; common (10-50% of ped faces or walls coated), distinct stress cutans; few (2-10%), coarse (6-20mm), calcareous soft segregations; non-repellent. Layer 75- 105cm EC (dS/m) 1.465; pH 8.2.
2C	105 - 130cm	Yellowish brown (10YR 5/6) moist medium clay; strong structure; few (2-10%) mottles; few (2-10%), medium gravelly (6-20mm); non-repellent. Layer 105- 130cm EC (dS/m) 1.498; pH 8.02.