

Site Information

Easting: 537836
Northing: 5351678
Describer: Chris Grose
Date: 02-Feb-2017

Runoff: No runoff
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: Level (<1%)
Element Morph. Type: Flat
Element Type: Plain

Landform Pattern (300m radius)
Pattern Type: Flood plain
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 Dermosol
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 brown (10YR 2/2) moist; dark greyish brown (10YR 4/2) dry clay loam; strong structure; no mottles; non-repellent. Layer 0- 5cm EC (dS/m) 0.24; pH 5.87; Layer 5- 14cm EC (dS/m) 0.122; pH 5.8.
B21	14 - 28cm	Black (10YR 2/1) moist heavy clay; strong structure; few (2-10%) mottles; few (<10% of ped faces or walls coated), distinct slicken sides; non-repellent. Layer 14- 28cm EC (dS/m) 0.385; pH 7.18.
B22	28 - 46cm	Brown (10YR 4/3) moist medium clay; strong structure; no mottles; non-repellent. Layer 28- 46cm EC (dS/m) 0.488; pH 8.45.
B22k	46 - 76cm	Dark yellowish brown (10YR 4/4) moist medium clay; strong structure; few (2-10%) mottles; few (2-10%), coarse (6-20mm), calcareous soft segregations; very few (<2%), medium gravelly (6-20mm); non-repellent. Layer 46- 76cm EC (dS/m) 0.988; pH 8.6.
B23	76 - 107cm	Dark yellowish brown (10YR 4/4) moist medium clay; moderate structure; common (10-20%) mottles; non-repellent. Layer 76- 107cm EC (dS/m) 1.874; pH 8.16.
B3	107 - 155cm	Dark yellowish brown (10YR 4/6) moist light clay; common (10-20%) mottles; non-repellent. Layer 107- 131cm EC (dS/m) 2.69; pH 7.96; Layer 131- 155cm EC (dS/m) 2.33; pH 8.03.