

Site Information

Easting: 525140
Northing: 5315056
Describer: Chris Grose
Date: 17-May-2017

Runoff: No runoff
Permeability: Very slowly permeable
Drainage: Imperfectly 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: Very gently sloped (1-3%)
Element Morph. Type: Flat
Element Type: Plain

Landform Pattern (300m radius)

Pattern Type: Alluvial 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 - 20cm	Dark yellowish brown (10YR 3/4) moist clay loam; moderate structure; no mottles; very few (<2%), fine gravelly (2-6mm); non-repellent. Layer 0- 5cm EC (dS/m) 0.362; pH 5.61; Layer 5- 20cm EC (dS/m) 0.248; pH 5.49.
A2	20 - 39cm	Brown (10YR 5/3) moist silty clay loam; massive structure; common (10-20%) mottles; uncemented, densipan pan; non-repellent. Layer 20- 39cm EC (dS/m) 0.127; pH 5.77.
B21	39 - 79cm	Dark brown (10YR 3/3) moist medium clay; strong structure; few (2-10%) mottles; few (<10% of ped faces or walls coated), faint clay skins; non-repellent. Layer 39- 59cm EC (dS/m) 0.553; pH 6.58; Layer 59- 79cm EC (dS/m) 0.749; pH 7.46.
B22	79 - 107cm	Dark brown (10YR 3/3) moist medium clay; strong structure; no mottles; few (2-10%), coarse (6-20mm), calcareous soft segregations; non-repellent. Layer 79- 107cm EC (dS/m) 1.986; pH 7.87.
B3	107 - 137cm	Brown (10YR 4/3) moist medium clay; moderate structure; no mottles; very few (<2%), medium (2-6mm), calcareous soft segregations; non-repellent. Layer 107- 137cm EC (dS/m) 1.636; pH 8.0.

