

Site Information

Easting: 540154
Northing: 5347251
Describer: Chris Grose
Date: 24-Mar-2017

Runoff: No runoff
Permeability: Slowly permeable
Drainage: Well drained
Land Capability: 5
Observation Type: Undisturbed soil core

Depth to Watertable (m): No Data
Depth to Substrate (m): 0.57
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: Terrace flat

Landform Pattern (300m radius)
Pattern Type: Flood plain
Pattern Slope Class: Level (<1%)
Pattern Relief Class: Extremely low (<9m)
Relief Modal Slope: Level plain

Inundation Frequency: No Data
Rainfall: No Data
Erosion: No Data

Aspect: No Data
Elevation: No Data

Soil Classification

Australian Soil Classification: Black Vertosol
ASC Confidence: No analytical data and little or no knowledge of this soil.
Soil Name:

Morphological Description

Horizon	Depth	Description
A1	0 - 21cm	Black (10YR 2/1) moist, medium clay; strong structure; no mottles; non-repellent. Layer 0cm - 5cm EC (dS/m) 0.367; pH 5.8; Layer 5cm - 21cm EC (dS/m) 0.332; pH 5.82.
B2	21 - 37cm	Black (10YR 2/1) moist, medium clay; strong structure; no mottles; common (10-50% of ped faces or walls coated), faint slicken sides; non-repellent. Layer 21cm - 37cm EC (dS/m) 0.445; pH 6.56.
B3k	37 - 57cm	Very dark grey (10YR 3/1) moist, medium clay; strong structure; few (2-10%) mottles; few (<10% of ped faces or walls coated), faint slicken sides; few (2-10%), coarse (6-20mm), calcareous soft segregations; non-repellent. Layer 37cm - 57cm EC (dS/m) 0.64; pH 7.68.
C1	57 - 120cm	Yellowish brown (10YR 5/6) moist, fine sandy medium clay; common (10-20%) mottles; non-repellent. Layer 57cm - 78cm EC (dS/m) 1.062; pH 7.71; Layer 78cm - 99cm EC (dS/m) 0.209; pH 7.07; Layer 99cm - 120cm EC (dS/m) 1.858; pH 6.89.
C2	120 - 145cm	Yellowish brown (10YR 5/6) moist, fine sandy medium clay; common (10-20%) mottles; many (20-50%), coarse gravelly (20-60mm); non-repellent. Layer 120cm - 145cm EC (dS/m) 1.438; pH 6.99.