

Site Information

Easting: 538779
Northing: 5347456
Describer: Chris Grose
Date: 24-Mar-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): 0.88
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: 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
Ap	0 - 11cm	Very dark greyish brown (10YR 3/2) moist, dark greyish brown (10YR 4/2) dry, clay loam; moderate structure; no mottles; non-repellent. Layer 0cm - 5cm EC (dS/m) 0.577; pH 6.56; Layer 5cm - 11cm EC (dS/m) 0.813; pH 5.91.
A2	11 - 24cm	Dark greyish brown (10YR 4/2) moist, light brownish grey (10YR 6/2) dry, silty loam; moderate structure; no mottles; densipan pan; non-repellent. Layer 11cm - 24cm EC (dS/m) 0.494; pH 6.08.
B2	24 - 88cm	Brown (10YR 4/3) moist, heavy clay; strong structure; common (10-20%) mottles; common (10-50% of ped faces or walls coated), faint stress cutans; non-repellent. Layer 24cm - 45cm EC (dS/m) 1.207; pH 6.2; Layer 45cm - 67cm EC (dS/m) 0.771; pH 7.56; Layer 67cm - 88cm EC (dS/m) 1.373; pH 8.14.
B3	88 - 115cm	Yellowish brown (10YR 5/4) moist, heavy clay; massive structure; many (20-50%) mottles; non-repellent. Layer 88cm - 115cm EC (dS/m) 1.354; pH 8.31.
C	115 - 142cm	Yellowish brown (10YR 5/4) moist, sandy medium clay; massive, massive structure; many (20-50%) mottles; non-repellent. Layer 115cm - 142cm EC (dS/m) 0.999; pH 8.48.

