

Site Information

Easting: 531562
Northing: 5381165
Describer: R Moreton
Date: 09-Mar-2017

Runoff: Very slow
Permeability: Very slowly permeable
Drainage: Poorly drained
Land Capability: 5
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: Partially stabilised Minor sheet erosion

Aspect: No Data
Elevation: No Data

Soil Classification

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

Morphological Description

Horizon	Depth	Description
A1	0 - 15cm	Very dark greyish brown (10YR 3/2) moist; greyish brown (10YR 5/2) dry clay loam; weak, 5-10mm structure; common (10-20%) mottles; few (2-10%), medium gravelly (6-20mm); non-repellent. Layer 0- 5cm EC (dS/m) 0.367; pH 5.35; Layer 5- 15cm EC (dS/m) 0.192; pH 5.7.
A3	15 - 40cm	Brown (10YR 4/3) moist; brown (10YR 5/3) dry clayey coarse sand; single grain structure; no mottles; few (2-10%), medium gravelly (6-20mm); non-repellent. Layer 15- 40cm EC (dS/m) 0.052; pH 5.66.
2P21b	40 - 60cm	Very dark brown (10YR 2/2) moist loamy peat; massive structure; common (10-20%) mottles; non-repellent. Layer 40- 60cm EC (dS/m) 0.14; pH 5.54.
2P22b	60 - 80cm	Black (10YR 2/1) moist loamy peat; massive structure; very few (<2%) mottles; non-repellent. Layer 60- 80cm EC (dS/m) 0.181; pH 5.41.
3B21b	80 - 110cm	Black (10YR 2/1) moist light medium clay; strong, 50-100mm structure; common (10-20%) mottles; common (10-50% of ped faces or walls coated), distinct clay skins; non-repellent. Layer 80- 110cm EC (dS/m) 0.231; pH 5.56.
3B22b	110 - 140cm	Black (10YR 2/1) moist light medium clay; strong, 50-100mm structure; common (10-20%) mottles; common (10-50% of ped faces or walls coated), distinct clay skins; non-repellent. Layer 110- 140cm EC (dS/m) 0.267; pH 5.72.