

Site Information

Easting: 526226
Northing: 5386545
Describer: R Moreton
Date: 02-Mar-2017

Runoff: Very slow
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): 1.34
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 Element (300m radius)
Pattern Type: Alluvial 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: Brown Vertosol
ASC Confidence: No analytical data and little or no knowledge of this soil.
Soil Name:

Morphological Description



Horizon	Depth	Description
Ap1	0 - 15cm	Black (10YR 2/1) moist, heavy clay loam; strong, 20-50mm structure; common (10-20%) mottles; non-repellent. Layer 0cm - 5cm EC (dS/m) 0.314; pH 5.7; Layer 5cm - 15cm EC (dS/m) 0.251; pH 5.8.
Ap2	15 - 30cm	Very dark brown (10YR 2/2) moist, light clay; moderate, 50-100mm structure; common (10-20%) mottles; common (10-20%), medium (2-6mm), manganiferous soft segregations; non-repellent. Layer 15cm - 30cm EC (dS/m) 0.502; pH 6.62.
B1	30 - 74cm	Very dark greyish brown (2.5Y 3/2) moist, light clay; moderate, 50-100mm structure; few (2-10%) mottles; few (<10% of ped faces or walls coated), distinct slicken sides; non-repellent. Layer 30cm - 52cm EC (dS/m) 0.44; pH 7.34; Layer 52cm - 74cm EC (dS/m) 0.389; pH 7.82.
B2	74 - 104cm	Brown (10YR 4/3) moist, light clay; massive structure; few (2-10%); few (<10% of ped faces or walls coated), distinct slicken sides; non-repellent. Layer 74cm - 104cm EC (dS/m) 0.569; pH 7.93.
B3	104 - 134cm	Dark yellowish brown (10YR 4/6) moist, light medium clay; massive structure; few (2-10%); non-repellent. Layer 104cm - 134cm EC (dS/m) 0.774; pH 7.99.
C	134 - 155cm	Reddish brown (2.5YR 5/3) moist, sandy light clay; massive structure; few (2-10%); non-repellent. Layer 134cm - 155cm EC (dS/m) 0.793; pH 7.76.