

Site Information

Easting: 519814
Northing: 5396724
Describer: R Moreton
Date: 07-Feb-2017

Runoff: Slow
Permeability: Slowly permeable
Drainage: Poorly drained
Land Capability: 5
Observation Type: Undisturbed soil core

Depth to Watertable (m): No Data
Depth to Substrate (m): 1.43
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: Terrace flat

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: Stable, Moderate streambank erosion

Aspect: No Data
Elevation: No Data

Soil Classification

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

Morphological Description

	Horizon	Depth	Description
WFP 327 0-5	A11	0 - 7cm	Very dark brown (7.5YR 2.5/2) moist; dark greyish brown (10YR 4/2) dry silty loam; moderate, 2-5mm structure; no mottles; non-repellent. Layer 0- 5cm EC (dS/m) 0.113; pH 5.32.
7-23	A12	7 - 23cm	Greyish brown (10YR 5/2) moist; brown (10YR 5/3) dry silty clay loam; weak, 5-10mm structure; very few (<2%) mottles; non-repellent. Layer 7- 23cm EC (dS/m) 0.115; pH 5.27.
23-40	B1	23 - 40cm	Very dark grey (10YR 3/1) moist; grey (10YR 5/1) dry sandy light clay; weak, 5-10mm structure; few (2-10%) mottles; non-repellent. Layer 23- 40cm EC (dS/m) 0.119; pH 5.92.
40-65	B2	40 - 90cm	Brown (10YR 5/3) moist sandy light clay; massive structure; few (2-10%) mottles; non-repellent. Layer 40- 65cm EC (dS/m) 0.104; pH 6.36; Layer 65- 90cm EC (dS/m) 0.128; pH 6.53.
65-90	B31	90 - 120cm	Grey (10YR 6/1) moist sandy light clay; massive structure; common (10-20%) mottles; non-repellent. Layer 90- 120cm EC (dS/m) 0.132; pH 6.7.
90-120			
120-142	B32	120 - 142cm	Light olive brown (2.5Y 5/3) moist sandy light clay; massive structure; common (10-20%) mottles; non-repellent. Layer 120- 142cm EC (dS/m) 0.124; pH 6.44.