

Site Information

Easting: 525242
Northing: 5388167
Describer: R Moreton
Date: 14-Feb-2017

Runoff: Moderately rapid
Permeability: Slowly permeable
Drainage: Imperfectly drained
Land Capability: 4
Observation Type: Undisturbed soil core

Depth to Watertable: (m) No Data
Depth to Substrate: (m) 0.86
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: 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:

Aspect: No Data
Elevation: No Data

Soil Classification

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

Morphological Description:



Horizon	Depth	Description
A1	0 - 10cm	Very dark greyish brown (10YR 3/2) moist, brown (10YR 5/3) dry, silty clay loam; moderate, 5-10 mm structure; no mottles; non-repellent. Layer 0cm - 5cm EC (dS/m) 0.172; pH 6.08; Layer 5cm - 10cm EC (dS/m) 0.141; pH 5.87.
A2	10 - 17cm	Brown (10YR 5/3) moist, light grey (10YR 7/1) dry, silty loam; massive structure; few (2-10%) mottles; few (2-10%), medium (2-6mm), ferromanganiferous nodules; non-repellent. Layer 10cm - 17cm EC (dS/m) 0.128; pH 5.9.
B21	17 - 33cm	Dark yellowish brown (10YR 3/6) moist, light medium clay; weak, 10-20 mm structure; common (10-20%) mottles; few (<10% of ped faces or walls coated), faint clay skins; non-repellent. Layer 17cm - 33cm EC (dS/m) 0.237; pH 5.43.
B22	33 - 86cm	Dark greyish brown (10YR 4/2) moist, light medium clay; massive structure; common (10-20%) mottles; few (<10% of ped faces or walls coated), faint clay skins; non-repellent. Layer 33cm - 59cm EC (dS/m) 0.508; pH 5.75; Layer 59cm - 86cm EC (dS/m) 0.804; pH 6.9.
2B23	86 - 148cm	Dark greyish brown (2.5Y 4/2) moist, light clay; strong, 50-100 mm structure; no mottles; common (10-50% of ped faces or walls coated), distinct slicken sides; non-repellent. Layer 86cm - 116cm EC (dS/m) 1.279; pH 7.11; Layer 116cm - 148cm EC (dS/m) 1.309; pH 7.46.