

Site Information

Easting: 514723
Northing: 5298177
Describer: Chris Grose
Date: 09-Jun-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): 1.2
Surface Coarse Fragments: No surface coarse fragments

Land Form Information

Land Element (20m radius)

Element Slope Class: Very gently sloped (1-3%)
Element Morph. Type: Flat
Element Type: Plain

Land Pattern (300m radius)

Pattern Type: Alluvial 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 Chromosol
ASC Confidence: No analytical data and little or no knowledge of this soil.
Soil Name:

Morphological Description

	Horizon	Depth	Description
WFP103 0-5	A1	0 - 17cm	Dark brown (10YR 3/3) moist, loamy fine sand; single grain structure; no mottles; water repellent. Layer 0cm - 5cm EC (dS/m) 0.156; pH 5.0; Layer 5cm - 17cm EC (dS/m) 0.112; pH 4.78.
5-17			
17-35	A2	17 - 35cm	Yellowish brown (10YR 5/4) moist, fine sand; pale brown (10YR 6/3) dry, fine sand; single grain structure; no mottles; water repellent. Layer 17cm - 35cm EC (dS/m) 0.073; pH 5.33.
35-53	2B21	35 - 71cm	Yellowish brown (10YR 5/6) moist, heavy clay; strong structure; common (10-20%) mottles; non-repellent. Layer 35cm - 53cm EC (dS/m) 0.282; pH 6.47; Layer 53cm - 71cm EC (dS/m) 0.505; pH 7.1.
53-71			
71-100	2B22	71 - 100cm	Dark greyish brown (2.5Y 4/2) moist, medium heavy clay; moderate structure; common (10-20%) mottles; common (10-50% of ped faces or walls coated), distinct stress cutans; non-repellent. Layer 71cm - 100cm EC (dS/m) 0.887; pH 6.99.
100-120	2B3	100 - 120cm	Brown (10YR 4/3) moist, medium clay; massive structure; common (10-20%) mottles; very few (<2%), medium gravelly (6-20mm); non-repellent. Layer 100cm - 120cm EC (dS/m) 0.733; pH 6.93.
120-150	2C	120 - 150cm	Dark brown (10YR 3/3) moist, sandy medium clay; massive structure; common (10-20%) mottles; very few (<2%), medium gravelly (6-20mm); non-repellent. Layer 120cm - 150cm EC (dS/m) 0.879; pH 6.63.