

Site Information

Easting: 516340
Northing: 5306111
Describer: Chris Grose
Date: 08-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): No Data
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: Valley flat

Landform 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 Dermosol
ASC Confidence: No analytical data and little or no knowledge of this soil.
Soil Name:

Morphological Description

	Horizon	Depth	Description
WFP032 0-5	Ap	0 - 17cm	Dark brown (10yYR3/3) moist, clay loam; strong, strong structure; no mottles; non-repellent. Layer 0cm - 5cm EC (dS/m) 0.255; pH 6.59; Layer 5cm - 17cm EC (dS/m) 0.22; pH 6.14.
5-17			
17-47	B21	17 - 47cm	Brown (10YR 4/3) moist, medium clay; strong structure; few (2-10%) mottles; common (10-50% of ped faces or walls coated), faint stress cutans; non-repellent. Layer 17cm - 47cm EC (dS/m) 0.505; pH 6.58.
47-72	B22	47 - 72cm	Dark yellowish brown (10YR 4/4) moist, light medium clay; moderate structure; common (10-20%) mottles; few (2-10%), medium (2-6mm), calcareous soft segregations; non-repellent. Layer 47cm - 72cm EC (dS/m) 0.746; pH 8.24.
72-102	B31	72 - 102cm	Yellowish brown (10YR 5/4) moist, medium clay; moderate structure; many (20-50%) mottles; common (10-50% of ped faces or walls coated), distinct stress cutans; few (2-10%), medium (2-6mm), calcareous soft segregations; very few (<2%), medium gravelly (6-20mm); non-repellent. Layer 72cm - 102cm EC (dS/m) 0.242; pH 7.91.
102-123			
123-144	B32	102 - 144cm	Yellowish brown (10YR 5/4) moist, medium clay; moderate structure; many (20-50%) mottles; common (10-50% of ped faces or walls coated), distinct stress cutans; non-repellent. Layer 102cm - 123cm EC (dS/m) 0.31; pH 7.84; Layer 123cm - 144cm EC (dS/m) 0.273; pH 7.62.