

Site Information

Easting: 538578
Northing: 5349215
Describer: Chris Grose
Date: 12-Jan-2017

Runoff: No runoff
Permeability: Slowly permeable
Drainage: Imperfectly drained
Land Capability: 4
Observation Type: Undisturbed soil core

Depth to Watertable (m): 1.01
Depth to Substrate (m): 1.07
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 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: 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
A1	0 - 25cm	Very dark brown (10YR 2/2) moist, sandy clay loam; strong structure; no mottles; non-repellent. Layer 0cm - 5cm EC (dS/m) 0.121; pH 5.74; Layer 5cm - 25cm EC (dS/m) 0.077; pH 6.13.
B1	25 - 45cm	Dark yellowish brown (10YR 4/4) moist, heavy clay; moderate structure; few (2-10%) mottles; very few (<2%), fine gravelly (2-6mm); non-repellent. Layer 25cm - 45cm EC (dS/m) 0.35; pH 6.88.
B21	45 - 73cm	Yellowish brown (10YR 5/6) moist, sandy medium clay; moderate structure; few (2-10%) mottles; very few (<2%), medium (2-6mm), calcareous soft segregations; very few (<2%), fine gravelly (2-6mm); non-repellent. Layer 45cm - 73cm EC (dS/m) 0.666; pH 8.13.
B22	73 - 101cm	Yellowish brown (10YR 5/6) moist, light sandy clay loam; single grain structure; no mottles; very few (<2%), medium gravelly (6-20mm); non-repellent. Layer 73cm - 101cm EC (dS/m) 0.877; pH 8.06.
D	101 - 125cm	Dark yellowish brown (10YR 4/4) moist, sand; no mottles; very few (<2%), medium gravelly (6-20mm); non-repellent. Layer 101cm - 125cm EC (dS/m) 0.891; pH 7.75.