

Site Information

Easting: 542668
Northing: 5341346
Describer: Chris Grose
Date: 28-Feb-2017

Runoff: No runoff
Permeability: Very slowly permeable
Drainage: Poorly drained
Land Capability: 4
Observation Type: Undisturbed soil core

Depth to Watertable (m): No Data
Depth to Substrate (m): 1.29
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: 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 Dermosol
ASC Confidence: No analytical data and little or no knowledge of this soil.
Soil Name:

Morphological Description

Horizon	Depth	Description
Ap	0 - 10cm	Very dark greyish brown (10YR 3/2) moist; brown (10YR 4/3) dry clay loam; strong structure; no mottles mottles; very few (<2%), fine gravelly (2-6mm); non-repellent. Layer 0- 5 cm EC (dS/m) 0.23; pH 5.8; Layer 5- 10 cm EC (dS/m) 0.109; pH 5.85.
B21	10 - 35cm	Dark brown (10YR 3/3) moist heavy clay; strong structure; few (2-10%) mottles; few (<10% of ped faces or walls coated), faint clay skins; very few (<2%), medium (2-6mm), calcareous soft segregations; few (2-10%), fine gravelly (2-6mm); non-repellent. Layer 10- 35 cm EC (dS/m) 0.384; pH 7.54.
B22k	35 - 60cm	Dark greyish brown (2.5y 4/2) moist medium clay; strong structure; many (20-50%) mottles; few (<10% of ped faces or walls coated), faint clay skins; few (2-10%), coarse (6-20mm), calcareous soft segregations; few (2-10%), medium gravelly (6-20mm); non-repellent. Layer 35- 60 cm EC (dS/m) 0.505; pH 9.07.
B23	60 - 129cm	Brown (10YR 5/3) moist light clay; common (10-20%) mottles; few (2-10%), medium gravelly (6-20mm); non-repellent. Layer 60- 83 cm EC (dS/m) 0.95; pH 8.9; Layer 83- 106 cm EC (dS/m) 0.924; pH 8.85; Layer 106- 129 cm EC (dS/m) 0.858; pH 8.74.
C	129 - 155cm	Yellowish brown (10YR 5/4) moist light clay; common (10-20%) mottles; very few (<2%), medium (2-6mm), calcareous soft segregations; non-repellent. Layer 129- 155 cm EC (dS/m) 0.573; pH 8.57.

