

Site Information

Easting: 541893
Northing: 5336880
Describer: Chris Grose
Date: 26-May-2017

Runoff: No runoff
Permeability: Slowly permeable
Drainage: Moderately well 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: 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 Chromosol
ASC Confidence: No analytical data and little or no knowledge of this soil.
Soil Name:

Morphological Description



Horizon	Depth	Description
A1	0 - 11cm	Dark yellowish brown (10YR 3/4) moist, loam; moderate structure; no mottles; non-repellent. Layer 0cm - 5cm EC (dS/m) 0.175; pH 6.95; Layer 5cm - 11cm EC (dS/m) 0.208; pH 7.03.
B1	11 - 30cm	Dark yellowish brown (10YR 4/4) moist, medium clay; strong structure; few (2-10%) mottles; non-repellent. Layer 11cm - 30cm EC (dS/m) 0.659; pH 6.87.
B2	30 - 73cm	Dark yellowish brown (10YR 4/6) moist, medium clay; strong structure; no mottles; few (<10% of ped faces or walls coated), faint stress cutans; few (2-10%), medium (2-6mm), calcareous soft segregations; very few (<2%), fine gravelly (2-6mm); non-repellent. Layer 30cm - 51cm EC (dS/m) 0.939; pH 8.3; Layer 51cm - 73cm EC (dS/m) 0.851; pH 8.55.
B3	73 - 96cm	Yellowish brown (10YR 5/4) moist, light clay; moderate structure; few (2-10%) mottles; few (<10% of ped faces or walls coated), faint stress cutans; very few (<2%), medium (2-6mm), calcareous soft segregations; very few (<2%), fine gravelly (2-6mm); non-repellent. Layer 73cm - 96cm EC (dS/m) 1.122; pH 8.6.
Ck	96 - 146cm	Light olive brown (2.5Y 5/4) moist, light clay; very few (<2%) mottles; common (10-20%), coarse (6-20mm), calcareous soft segregations; very few (<2%), fine gravelly (2-6mm); non-repellent. Layer 96cm - 121cm EC (dS/m) 1.34; pH 8.72; Layer 121cm - 146cm EC (dS/m) 0.977; pH 8.81.