

Site Information

Easting: 538591
Northing: 5337991
Describer: Chris Grose
Date: 25-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): 1.15
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: Mid-slope
Element Type: Riseslope

Landform Pattern (300m radius)

Pattern Type: Plain
Pattern Slope Class: Gently inclined (3-10%)
Pattern Relief Class: Extremely low (<9m)
Relief Modal Slope: 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
A11	0 - 7cm	Dark brown (10YR 3/3) moist, sandy loam; moderate structure; no mottles; non-repellent. Layer 0cm - 5cm EC (dS/m) 0.218; pH 6.88.
A12	7 - 15cm	Dark yellowish brown (10YR 3/4) moist, sandy loam; moderate structure; no mottles; non-repellent. Layer 7cm - 15cm EC (dS/m) 0.301; pH 6.77.
2B1	15 - 34cm	Brown (10YR 4/3) moist, medium clay; strong structure; few (2-10%); non-repellent. Layer 15cm - 34cm EC (dS/m) 0.724; pH 7.14.
2B21	34 - 49cm	Yellowish brown (10YR 5/4) moist, medium clay; moderate structure; no mottles; few (2-10%), medium (2-6mm), calcareous soft segregations; non-repellent. Layer 34cm - 49cm EC (dS/m) 0.927; pH 8.52.
2B22	49 - 115cm	Yellowish brown (10YR 5/4) moist, sandy medium clay; massive structure; few (2-10%) mottles; few (2-10%), medium (2-6mm), calcareous soft segregations; non-repellent. Layer 49cm - 71cm EC (dS/m) 1.155; pH 8.8; Layer 71cm - 93cm EC (dS/m) 1.69; pH 8.61; Layer 93cm - 115cm EC (dS/m) 0.271; pH 8.44.
3C	115 - 133cm	Yellow (10YR 7/6) moist, clayey fine sand; single grain structure; few (2-10%) mottles; non-repellent. Layer 115cm - 133cm EC (dS/m) 1.754; pH 8.75.