

Site Information

Easting: 537961
Northing: 5341984
Describer: Chris Grose
Date: 24-Mar-2017

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

Depth to Watertable (m): No Data
Depth to Substrate (m): 1.18
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: Lower-slope
Element Type: Riseslope

Landform Pattern (300m radius)

Pattern Type: Rises
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: Black Chromosol
ASC Confidence: No analytical data and little or no knowledge of this soil.
Soil Name:

Morphological Description



Horizon	Depth	Description
Ap	0 - 14cm	Very dark greyish brown (10YR 3/2) moist, greyish brown (10YR 5/2) dry, sandy loam; moderate structure; no mottles; non-repellent. Layer 0cm - 5cm EC (dS/m) 0.77; pH 5.41; Layer 5cm - 14cm EC (dS/m) 0.274; pH 5.45.
A2	14 - 34cm	Brown (10YR 5/3) moist, loamy light grey (10YR 7/1) dry, loamy fine sand; weak structure; no mottles; non-repellent. Layer 14cm - 34cm EC (dS/m) 0.156; pH 6.43.
B21	34 - 58cm	Very dark greyish brown (10YR 3/2) moist, heavy clay; strong structure; few (2-10%) mottles; common (10-50% of ped faces or walls coated), prominent stress cutans; non-repellent. Layer 34cm - 58cm EC (dS/m) 1.322; pH 7.97.
B22	58 - 88cm	Yellowish brown (10YR 5/4) moist, medium heavy clay; strong structure; few (2-10%) mottles; common (10-50% of ped faces or walls coated), prominent stress cutans; non-repellent. Layer 58cm - 88cm EC (dS/m) 1.694; pH 8.22.
B3	88 - 118cm	Greyish brown (10YR 5/2) moist, medium clay; strong structure; few (2-10%); few (<10% of ped faces or walls coated), prominent stress cutans; non-repellent. Layer 88cm - 118cm EC (dS/m) 0.233; pH 8.17.
R	118 - 140cm	Many (20-50%) mottles; abundant (50-90%), medium gravelly (6-20mm); non-repellent.