

Site Information

Easting: 540417
Northing: 5344114
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): 0.94
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: 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 Vertosol
ASC Confidence: No analytical data and little or no knowledge of this soil.
Soil Name:

Morphological Description



Horizon	Depth	Description
A1	0 - 8cm	Black (10YR 2/1) moist medium clay; strong structure; no mottles; non-repellent. Layer 0- 5cm EC (dS/m) 0.889; pH 6.79.
B21	8 - 38cm	Black (10YR 2/1) moist medium clay; strong structure; no mottles; common (10-50% of ped faces or walls coated), faint slicken sides; very few (<2%), medium (2-6mm), calcareous soft segregations; non-repellent. Layer 8- 38cm EC (dS/m) 1.162; pH 8.09.
B22	38 - 64cm	Very dark grey (10YR 3/1) moist medium clay; moderate structure; few (2-10%) mottles; few (<10% of ped faces or walls coated), faint slicken sides; very few (<2%), fine gravelly (2-6mm); non-repellent. Layer 38- 64cm EC (dS/m) 0.344; pH 8.06.
B3	64 - 94cm	Dark greyish brown (2.5Y 4/2) moist light clay; massive structure; common (10-20%) mottles; non-repellent. Layer 64- 94cm EC (dS/m) 0.467; pH 7.86.
C	94 - 154cm	Light olive brown (2.5Y 5/3) moist light clay; massive structure; many (20-50%) mottles; very few (<2%), medium (2-6mm), manganiferous soft segregations; very few (<2%), medium gravelly (6-20mm); non-repellent. Layer 94- 124cm EC (dS/m) 0.326; pH 8.24; Layer 124- 154cm EC (dS/m) 0.321; pH 7.99.