

Site Information

Easting: 540852
Northing: 5338366
Describer: Chris Grose
Date: 25-May-2017

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

Depth to Watertable (m): No Data
Depth to Substrate (m): 1.14
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: Valley flat

Landform Pattern (300m radius)

Pattern Type: Alluvial 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 Sodosol
ASC Confidence: No analytical data and little or no knowledge of this soil.
Soil Name:

Morphological Description

Horizon	Depth	Description
A1	0 - 6cm	Dark brown (10YR 3/3) moist, fine sandy clay loam; weak structure; no mottles; non-repellent. Layer 0cm - 5cm EC (dS/m) 0.327; pH 5.78.
B1	6 - 19cm	Brown (10YR 4/3) moist, medium clay; strong structure; few (2-10%) mottles; non-repellent. Layer 6cm - 19cm EC (dS/m) 0.691; pH 7.41.
B21	19 - 34cm	Dark yellowish brown (10YR 4/4) moist, medium clay; strong structure; few (2-10%) mottles; few (<10% of ped faces or walls coated), faint stress cutans; non-repellent. Layer 19cm - 34cm EC (dS/m) 1.206; pH 8.44.
B22	34 - 78cm	Yellowish brown (10YR 5/6) moist, medium clay; strong structure; few (2-10%) mottles; few (<10% of ped faces or walls coated), faint stress cutans; few (2-10%), coarse (6-20mm), calcareous soft segregations; few (2-10%), medium gravelly (6-20mm); non-repellent. Layer 34cm - 56cm EC (dS/m) 0.218; pH 8.49; Layer 56cm - 78cm EC (dS/m) 0.28; pH 8.33.
B3	78 - 114cm	Yellowish brown (10YR 5/6) moist, medium clay; moderate structure; common (10-20%) mottles; non-repellent. Layer 78cm - 96cm EC (dS/m) 0.424; pH 8.05; Layer 96cm - 114cm EC (dS/m) 0.376; pH 8.0.
C	114 - 150cm	Light olive brown (2.5y 5/3) moist, medium clay; massive structure; common (10-20%) mottles; very few (<2%), medium (2-6mm), manganiferous soft segregations; very few (<2%), medium gravelly (6-20mm); non-repellent. Layer 114cm - 132cm EC (ds/m) 0.4; pH 7.93; Layer 132cm - 150cm EC (ds/m) 0.335; pH 7.94.