

Site Information

Easting: 536309
Northing: 5352878
Describer: Chris Grose
Date: 19-Jan-2017

Runoff: Very slow
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): 1.1
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: Fan

Landform Pattern (300m radius)

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

Morphological Description

	Horizon	Depth	Description
WFP 010 0-5	A1	0 - 18cm	Very dark greyish brown (10YR 3/2) moist, dark greyish brown (10YR 4/2) dry, fine sandy clay loam; moderate structure; no mottles; few (2-10%), medium gravelly (6-20mm); non-repellent. Layer 0cm - 5cm EC (dS/m) 0.251; pH 5.05; Layer 5cm - 18cm EC (dS/m) 0.165; pH 5.11.
5-18			
18-47	B21	18 - 76cm	Dark brown (10YR 3/3) moist, heavy clay; strong structure; no mottles; common (10-50% 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 18cm - 47cm EC (dS/m) 0.558; pH 6.02; Layer 47cm - 76cm EC (dS/m) 1.009; pH 7.45.
47-76			
76-92	B22	76 - 92cm	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; common (10-20%), coarse (6-20mm), calcareous soft segregations; very few (<2%), fine gravelly (2-6mm); non-repellent. Layer 76cm - 92cm EC (dS/m) 1.259; pH 8.17.
92-110	B3	92 - 110cm	Dark yellowish brown (10YR 4/4) moist, sandy clay loam; common (10-20%) mottles; few (2-10%), medium (2-6mm), calcareous soft segregations; few (2-10%), fine gravelly (2-6mm); non-repellent. Layer 92cm - 110cm EC (dS/m) 1.404; pH 8.2.
110-130	C	110 - 130cm	Yellowish brown (10YR 5/4) moist, sandy clay loam; many (20-50%) mottles; many (20-50%), coarse gravelly (20-60mm); non-repellent. Layer 110cm - 130cm EC (dS/m) 1.146; pH 8.08.