

Site Information

Easting: 531968
Northing: 5314304
Describer: R Moreton
Date: 06-Jun-2017

Runoff: Slow
Permeability: Slowly permeable
Drainage: Imperfectly drained
Land Capability: 4
Observation Type: Undisturbed soil core

Depth to Watertable (m): No Data
Depth to Substrate (m): 0.62
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: Flat
Element Type: Terrace flat

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: Brown Chromosol
ASC Confidence: No analytical data are available but confidence is fair.
Soil Name:

Morphological Description



Horizon	Depth	Description
A1	0 - 12cm	Very dark greyish brown (10YR 3/2) moist fine sandy clay loam; weak, 2-5mm structure; no mottles; non-repellent. Layer 0-5cm EC (dS/m) 0.118; pH 5.01; Layer 5- 12cm EC (dS/m) 0.108; pH 4.87.
A2	12 - 20cm	Dark brown (10YR 3/3) moist; brown (10YR 5/3) dry loamy fine sand; massive structure; no mottles; weakly cemented, densipan pan; non-repellent. Layer 12- 20cm EC (dS/m) 0.065; pH 5.43.
B2	20 - 42cm	Brown (10YR 4/3) moist; dark yellowish brown (10YR 4/4) dry light medium clay; strong, 10-20mm structure; common (10-20%) mottles; common (10-50% of ped faces or walls coated), distinct clay skins; non-repellent. Layer 20- 42cm EC (dS/m) 0.199; pH 6.67.
BC	42 - 62cm	Dark yellowish brown (10YR 4/6) moist sandy light clay; weak, 10-20mm structure; few (2-10%) mottles; few (2-10%), medium (2-6mm), ferromanganiferous nodules; very few (<2%), fine gravelly (2-6mm); non-repellent. Layer 42- 62cm EC (dS/m) 0.619; pH 7.05.
C1	62 - 92cm	Brown (10YR 4/3) moist clayey sand; massive structure; few (2-10%) mottles; few (2-10%), medium (2-6mm), ferromanganiferous nodules; common (10-20%), medium gravelly (6-20mm); non-repellent. Layer 62- 92cm EC (dS/m) 0.398; pH 7.14.
C2	92 - 122cm	Dark yellowish brown (10YR 4/6) moist sandy light clay; massive structure; few (2-10%) mottles; few (2-10%), medium (2-6mm), ferromanganiferous nodules; common (10-20%), medium gravelly (6-20mm); non-repellent. Layer 92- 122cm EC (dS/m) 0.534; pH 6.98.
C3	122 - 152cm	Light olive brown (2.5y 5/3) moist sandy light medium clay; massive structure; common (10-20%) mottles; common (10-20%), coarse (6-20mm), ferromanganiferous soft segregations; very few (<2%), fine gravelly (2-6mm); non-repellent. Layer 122- 152cm EC (dS/m) 0.505; pH 7.2.