

Site Information

Easting: 514906
Northing: 5294190
Describer: Chris Grose
Date: 04-Apr-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): No Data
Surface Coarse Fragments: No surface coarse fragments

Land Form Information

Land form Element (20m radius)

Element Slope Class: Very gently sloped (1-3%)
Element Morph. Type: Flat
Element Type: Terrace plain

Landform Pattern (300m radius)

Pattern Type: 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 and little or no knowledge of this soil.
Soil Name:

Morphological Description



Horizon	Depth	Description
A11	0 - 5cm	Dark brown (10YR 3/3) moist, loamy fine sand; brown (10YR 4/3) dry, loamy fine sand; weak structure; no mottles; water repellent. Layer 0cm - 5cm EC (dS/m) 0.179; pH 5.6.
A12	5 - 19cm	Dark yellowish brown (10YR 3/4) moist, loamy fine sand; dark yellowish brown (10YR 4/4) dry, loamy fine sand; single grain structure; no mottles; water repellent. Layer 5cm - 19cm EC (dS/m) 0.149; pH 4.92.
A2	19 - 50cm	Yellowish brown (10YR 5/6) moist, fine sand; very pale brown (10YR 7/4) dry, fine sand; moderate structure; no mottles; non-repellent. Layer 19cm - 50cm EC (dS/m) 0.117; pH 5.82.
2B1	50 - 71cm	Yellowish brown (10YR 5/6) moist, sandy medium clay; strong structure; common (10-20%) mottles; non-repellent. Layer 50cm - 71cm EC (dS/m) 0.378; pH 5.87.
2B21	71 - 107cm	Dark yellowish brown (10YR 4/4) moist, medium clay; strong structure; common (10-20%) mottles; common (10-50% of ped faces or walls coated), faint stress cutans; very few (<2%), fine gravelly (2-6mm); non-repellent. Layer 71cm - 89cm EC (dS/m) 0.865; pH 5.5; Layer 89cm - 107cm EC (dS/m) 0.807; pH 5.98.
2B22	107 - 129cm	Dark yellowish brown (10YR 4/4) moist, medium clay; moderate structure; common (10-20%) mottles; few (<10% of ped faces or walls coated), faint stress cutans; few (2-10%), medium (2-6mm), manganiferous nodules; very few (<2%), fine gravelly (2-6mm); non-repellent. Layer 107cm - 129cm EC (dS/m) 0.933; pH 6.87.
2B3	129 - 140cm	Yellowish brown (10YR 5/4) moist, medium clay; few (2-10%), coarse (6-20mm), calcareous soft segregations; many (20-50%), coarse gravelly (20-60mm); non-repellent.