

Site Information

Easting: 529547
Northing: 5379513
Describer: R Moreton
Date: 23-Mar-2017

Runoff: Moderately rapid
Permeability: 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

Landform Element (20m)
Element Slope Class: Very gently sloped (1-3%)
Element Morph. Type: Upper-slope
Element Type: Riseslope

Landform Pattern (300m)
Pattern Type: Alluvial plain
Pattern Slope Class: Gently inclined (3-10%)
Pattern Relief Class: Extremely low (<9m)
Relief Modal Slope: Undulating 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 - 15cm	Very dark greyish brown (10YR 3/2) moist; brown (10YR 5/3) dry clay loam; moderate structure; few (2-10%) mottles; non-repellent. Layer 0- 5cm EC (dS/m) 0.261; pH 4.94; Layer 5- 15cm EC (dS/m) 0.179; pH 5.03.
A2e	15 - 36cm	Light brownish grey (10YR 6/2) moist; light grey (10YR 7/2) dry fine sandy clay loam; massive structure; few (2-10%) mottles; common (10-20%), medium (2-6mm), ferromanganiferous nodules; weakly cemented, densipan pan; non-repellent. Layer 15- 36cm EC (dS/m) 0.079; pH 5.67.
B1	36 - 66cm	Brown (10YR 4/3) moist medium clay; moderate structure; common (10-20%) mottles; common (10-20%), coarse (6-20mm), manganiferous soft segregations; non-repellent. Layer 36- 66cm EC (dS/m) 0.956; pH 6.35.
B21	66 - 95cm	Light olive brown (2.5Y 5/4) moist light clay; massive structure; few (2-10%) mottles; non-repellent. Layer 66- 95cm EC (dS/m) 1.906; pH 6.64.
B22	95 - 125cm	Dark yellowish brown (10YR 4/4) moist light clay; massive structure; few (2-10%) mottles; few (2-10%), fine (<2mm), manganiferous veins; non-repellent. Layer 95- 125cm EC (dS/m) 0.226; pH 6.46.
B3	125 - 149cm	Greyish brown (2.5Y 5/2) moist light clay; massive structure; very few (<2%) mottles; non-repellent. Layer 125- 149cm EC (dS/m) 0.288; pH 6.25.