

Site Information

Easting: 526711
Northing: 5381056
Describer: R Moreton
Date: 28-Mar-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): No Data
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: Plain

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

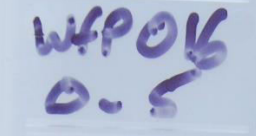
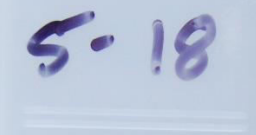
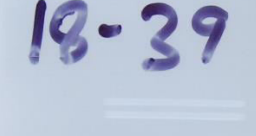
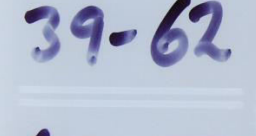
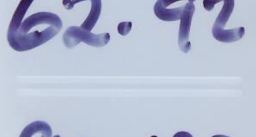


Inundation Frequency: No Data
Rainfall: No Data
Erosion: No Data

Aspect: No Data
Elevation: No Data

Soil Classification

Australian Soil Classification: Brown Sodosol
ASC Confidence: No analytical data and little or no knowledge of this soil.
Soil Name: Brumby

Morphological Description

| | Horizon | Depth | Description |
|--|---------|-------------|--|
|  | A1 | 0 - 5cm | Very dark greyish brown (10YR 3/2) moist, fine sandy clay loam; weak, 2-5mm, structure; no mottles; very few (<2%), fine gravelly (2-6mm); non-repellent. Layer 0cm - 5cm EC (dS/m) 0.186; pH 6.86. |
|  | A2 | 5 - 18cm | Dark greyish brown (10YR 4/2) moist, light brownish grey (10YR 6/2) dry, silty loam; moderate, 50-100mm, structure; common (10-20%) mottles; common (10-20%), medium (2-6mm), ferromanganiferous nodules; very few (<2%), fine gravelly (2-6mm); non-repellent. Layer 5cm - 18cm EC (dS/m) 0.133; pH 7.8. |
|  | B21 | 18 - 62cm | Very dark greyish brown (2.5Y 3/2) moist, medium clay; strong, 20-50mm structure; common (10-20%) mottles; few (<10% of ped faces or walls coated), faint clay skins; very few (<2%), fine (<2mm), manganiferous soft segregations; few (2-10%), fine gravelly (2-6mm); non-repellent. Layer 18cm - 39cm EC (dS/m) 0.355; pH 6.52; Layer 39cm - 62cm EC (dS/m) 0.573; pH 7.57. |
|  | | | |
|  | B22 | 62 - 122cm | Olive brown (2.5Y 4/4) moist, light medium clay; moderate, 20-50mm structure; very few (<2%) mottles; few (2-10%), medium (2-6mm), calcareous soft segregations; non-repellent. Layer 62cm - 92cm EC (dS/m) 1.535; pH 8.07; Layer 92cm - 122cm EC (dS/m) 1.902. |
|  | | | |
|  | BC | 122 - 150cm | Reddish brown (2.5YR 5/4) moist, sandy light clay; massive structure; very few (<2%) mottles; very few (<2%), fine (<2mm), calcareous soft segregations; non-repellent. Layer 122cm - 150cm EC (dS/m) 1.621; pH 7.47. |