

Site Information

Easting: 519938
Northing: 5394675
Describer: R Moreton
Date: 24-Jan-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): 1.5
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 plain

Landform Pattern (300m radius)

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 Kurosol
ASC Confidence: No analytical data are available but confidence is fair.
Soil Name: Brumby

Morphological Description

Horizon	Depth	Description
A1	0 - 5cm	Very dark greyish brown (10YR 3/2) moist; greyish brown (10YR 5/2) dry silty clay loam; weak, 2-5 mm structure; no mottles; non-repellent. Layer 0- 5cm EC (dS/m) 0.123; pH 5.41.
A2	5 - 18cm	Dark greyish brown (10YR 4/2) moist; light brownish grey (10YR 6/2) dry silty loam; weak, 2-5 mm structure; no mottles; non-repellent. Layer 5- 18cm EC (dS/m) 0.105; pH 5.44.
B11	18 - 44cm	Brown (10YR 4/3) moist light medium clay; common (10-20%) mottles; few (<10% of ped faces or walls coated), faint organic - humus cutans; common (10-20%), medium (2-6mm), manganiferous soft segregations; non-repellent. Layer 18- 44cm EC (dS/m) 0.227; pH 5.44.
B12	44 - 67cm	Dark yellowish brown (10YR 3/4) moist light medium clay; few (2-10%) mottles; non-repellent. Layer 44- 67cm EC (dS/m) 0.549; pH 5.35.
B21	67 - 100cm	Brown (10YR 4/3) moist light medium clay; very few (<2%) mottles; non-repellent. Layer 67- 100cm EC (dS/m) 0.799; pH 5.36.
B22	100 - 120cm	Brown (10YR 4/3) moist light clay; few (2-10%) mottles; non-repellent. Layer 100- 120cm EC (dS/m) 1.096; pH 5.18.
B23	120 - 150cm	Olive brown (2.5Y 4/4) moist light clay; few (2-10%) mottles; non-repellent. Layer 120- 150cm EC (dS/m) 1.031; pH 5.13.

