

Site Information

Easting: 519222
Northing: 5392823
Describer: R Moreton
Date: 25-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): 1.2
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: Mid-slope
Element Type: Footslope

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

Morphological Description



Horizon	Depth	Description
A1	0 - 12cm	Very dark greyish brown (10YR 3/2) moist, greyish brown (10YR 5/2) dry, fine sandy clay loam; weak, 5-10mm structure; no mottles; non-repellent. Layer 0cm - 5cm EC (dS/m) 0.059; pH 6.4; Layer 5cm - 12cm EC (dS/m) 0.06; pH 6.15.
A2	12 - 23cm	Dark greyish brown (10YR 4/2) moist, light brownish grey (10YR 6/2) dry, silty loam; weak, 2-5mm structure; no mottles; few (2-10%), fine (<2mm), ferromanganiferous nodules; non-repellent. Layer 12cm - 23cm EC (dS/m) 0.059; pH 6.08.
B1	23 - 50cm	Dark yellowish brown (10YR 4/4) moist, medium clay; strong, 20-50mm structure; common (10-20%) mottles; common (10-50% of ped faces or walls coated), distinct clay skins; non-repellent. Layer 23cm - 50cm EC (dS/m) 0.412; pH 5.46.
B2	50 - 97cm	Yellowish brown (10YR 5/6) moist, light medium clay; massive structure; few (2-10%) mottles; non-repellent. Layer 50cm - 73cm EC (dS/m) 0.655; pH 5.57; Layer 73cm - 97cm EC (dS/m) 0.647; pH 5.65.
B31	97 - 120cm	Light olive brown (2.5Y 5/3) moist, light medium clay; massive structure; few (2-10%) mottles; non-repellent. Layer 97cm - 120cm EC (dS/m) 0.988; pH 6.23.
2B32	120 - 150cm	Strong brown (7.5YR 5/8) moist, sandy light clay; massive structure; few (2-10%) mottles; non-repellent. Layer 120cm - 150cm EC (dS/m) 1.121; pH 6.48.