

Site Information

Easting: 534385
Northing: 5380921
Describer: R Moreton
Date: 22-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: Very few (<2%), Cobbly (60-200mm)

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: 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: Brumby/Canola

Morphological Description



Horizon	Depth	Description
A1	0 - 17cm	Very dark brown (10YR 2/2) moist, very dark grey (10YR 3/1) dry, clay loam; strong, 5-10mm structure; no mottles; very few (<2%), medium gravelly (6-20mm); non-repellent. Layer 0cm - 5cm EC (dS/m) 0.331; pH 5.84; Layer 5cm - 17cm EC (dS/m) 0.141; pH 5.73.
A2	17 - 33cm	Very dark grey (10YR 3/1) moist, greyish brown (10YR 5/2) dry, silty loam; massive structure; few (2-10%) mottles; common (10-20%), fine (<2mm), ferromanganiferous nodules; weakly cemented, densipan pan; non-repellent. Layer 17cm - 33cm EC (dS/m) 0.071; pH 6.17.
B1	33 - 58cm	Very dark greyish brown (10YR 3/2) moist, light medium clay; moderate, 20-50mm structure; common (10-20%) mottles; common (10-50% of ped faces or walls coated), distinct clay skins; non-repellent. Layer 33cm - 58cm EC (dS/m) 0.454; pH 6.99.
B2	58 - 88cm	Brown (7.5YR 4/4) moist, light medium clay; massive structure; few (2-10%) mottles; non-repellent. Layer 58cm - 88cm EC (dS/m) 0.81; pH 8.17.
B31	88 - 109cm	Very dark greyish brown (10YR 3/2) moist, light clay; massive structure; few (2-10%) mottles; non-repellent. Layer 88cm - 109cm EC (dS/m) 0.206; pH 8.06.
B32	109 - 139cm	Brown (10YR 4/3) moist, light clay; massive structure; very few (<2%); non-repellent. Layer 109cm - 139cm EC (dS/m) 0.268; pH 7.93.