

Site Information

Easting: 520299
Northing: 5311278
Describer: R Moreton
Date: 20-Jun-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): 1.2
Surface Coarse Fragments: Few (2-10%), Cobbly (60-200mm), Sandstone

Land Form Information

Landform Element (20m radius)

Element Slope Class: Gently inclined (3-10%)
Element Morph. Type: Upper-slope
Element Type: Hillcrest

Landform Pattern (300m radius)

Pattern Type: Rises
Pattern Slope Class: Gently inclined (3-10%)
Pattern Relief Class: Very low (9-30m)
Relief Modal Slope: Undulating rises

Inundation Frequency: No Data
Rainfall: No Data
Erosion: Partial, Minor or present (sheet)

Aspect: No Data
Elevation: No Data

Soil Classification

Australian Soil Classification: Brown Dermosol
ASC Confidence: No analytical data are available but confidence is fair.
Soil Name:

Morphological Description

Horizon	Depth	Description
A1	0 - 11cm	Very dark greyish brown (10YR 3/2) moist; brown (10YR 5/3) dry fine sandy clay loam; moderate, 2-5 mm structure; no mottles; few (2-10%), medium gravelly (6-20mm); strongly water repellent. Layer 0- 5cm EC (dS/m) 0.152; pH 5.26; Layer 5- 11cm EC (dS/m) 0.174; pH 5.07.
A2	11 - 21cm	Dark brown (10YR 3/3) moist; light grey (10YR 7/2) dry fine sandy loam; single grain structure; few (2-10%) mottles; uncemented, densipan pan; very few (<2%), fine gravelly (2-6mm); water repellent. Layer 11- 21cm EC (dS/m) 0.099; pH 5.18.
B21	21 - 39cm	Yellowish red (5YR 4/6) moist light clay; strong, 10-20 mm structure; few (2-10%) mottles; common (10-50% of ped faces or walls coated), distinct clay skins; non-repellent. Layer 21- 39cm EC (dS/m) 0.207; pH 5.01.
B22	39 - 63cm	Yellowish brown (10YR 5/6) moist light clay; moderate, 20-50 mm structure; very few (<2%) mottles; non-repellent. Layer 39- 63cm EC (dS/m) 0.245; pH 4.89.
B31	63 - 93cm	Yellowish brown (10YR 5/8) moist fine sandy clay; massive structure; very few (<2%) mottles; non-repellent. Layer 63- 93cm EC (dS/m) 0.262; pH 4.93.
B32	93 - 120cm	Yellowish brown (10YR 5/8) moist fine sandy clay; massive structure; very few (<2%) mottles; non-repellent. Layer 93- 120cm EC (dS/m) 0.198; pH 5.14.
BC	120 - 155cm	Yellowish brown (10YR 5/6) moist sandy clay; massive structure; very few (<2%) mottles; non-repellent. Layer 120- 138cm EC (dS/m) 0.159; pH 5.36; Layer 138- 155cm EC (dS/m) 0.181; pH 5.35.