

Site Information

Easting: 521352
Northing: 5308643
Describer: R Moreton
Date: 21-Jun-2017

Runoff: 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): 0.85
Surface Coarse Fragments: Very few (<2%), Cobbly (60-200mm), Mudstone

Land Form Information

Landform Element (20m radius)

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

Landform Pattern (300m radius)

Pattern Type: Hills
Pattern Slope Class: Moderately inclined (10-32%)
Pattern Relief Class: Low (30-90m)
Relief Modal Slope: Rolling low hills

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

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 - 27cm	Very dark grey (7.5YR 3/1) moist clay loam; moderate, 5-10mm structure; no mottles; non-repellent. Layer 0- 5cm EC (dS/m) 0.209; pH 5.17; Layer 5- 27cm EC (dS/m) 0.139; pH 5.72.
B21	27 - 40cm	Very dark greyish brown (10YR 3/2) moist light clay; strong, 10-20mm structure; common (10-20%) mottles; few (<10% of ped faces or walls coated), distinct clay skins; non-repellent. Layer 27- 40cm EC (dS/m) 0.751; pH 6.79.
B22	40 - 70cm	Light olive brown (2.5Y 5/4) moist light medium clay; strong, 20-50mm structure; few (2-10%) mottles; non-repellent. Layer 40- 70cm EC (dS/m) 1.693; pH 7.81.
B3	70 - 85cm	Yellowish brown (10YR 5/4) moist fine sandy light clay; massive structure; common (10-20%) mottles; non-repellent. Layer 70- 85cm EC (dS/m) 1.669; pH 7.7.
BC	85 - 130cm	Dark olive grey (5Y 3/2) moist light clay; massive structure; few (2-10%) mottles; many (20-50%), coarse gravelly (20-60mm); non-repellent. Layer 85- 108cm EC (dS/m) 1.745; pH 7.41; Layer 108- 130cm EC (dS/m) 1.5; pH 6.49.
C	130 - 155cm	Dark grey (2.5y 4/1) moist light clay; abundant (50-90%), cobbly (60-200mm); non-repellent. Layer 130- 155cm EC (dS/m) 1.254; pH 5.19.

