

Site Information

Easting: 513115
Northing: 5395591
Describer: R Moreton
Date: 23-Jan-2017

Runoff: Moderately rapid
Permeability: Moderately 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: Gently inclined (3-10%)
Element Morph. Type: Upper-slope
Element Type: Hillcrest

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

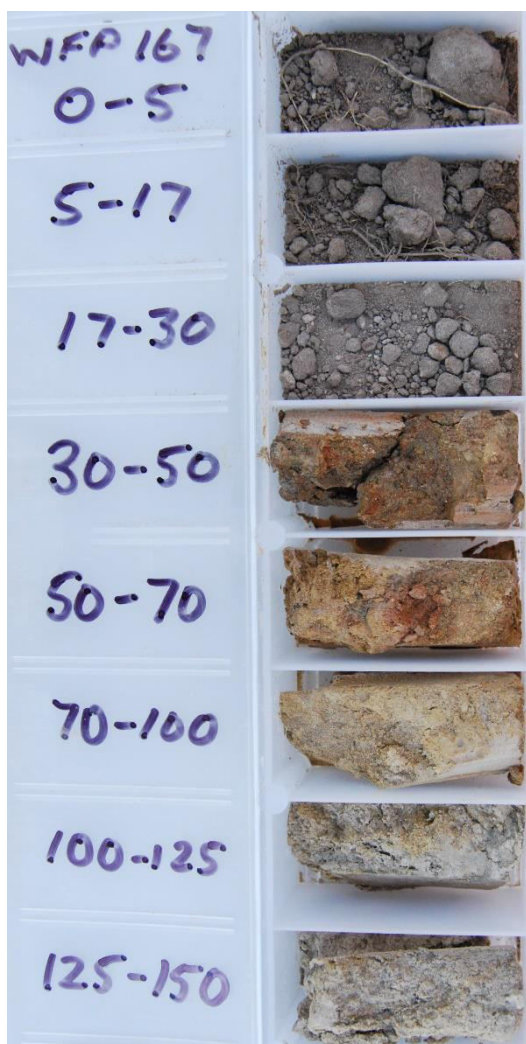
Inundation Frequency: No Data
Rainfall: No Data
Erosion: No Data

Aspect: No Data
Elevation: No Data

Soil Classification

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

Morphological Description



Horizon	Depth	Description
A1	0 - 17cm	Very dark greyish brown (10YR 3/2) moist; brown (10YR 5/3) dry fine sandy loam; weak, 5-10 mm structure; no mottles; non-repellent. Layer 0- 5cm EC (dS/m) 0.085; pH 5.52; Layer 5- 17cm EC (dS/m) 0.119; pH 5.4.
A2	17 - 30cm	Dark greyish brown (10YR 4/2) moist; light grey (10YR 7/2) dry fine sandy loam; weak, 2-5 mm structure; no mottles; very few (<2%), medium (2-6mm), ferromanganiferous nodules; non-repellent. Layer 17- 30cm EC (dS/m) 0.071; pH 5.4.
B21	30 - 70cm	Dark brown (10YR 3/3) moist medium clay; moderate, 10-20 mm structure; few (2-10%) mottles; few (<10% of ped faces or walls coated), faint slicken sides; non-repellent. Layer 30- 50cm EC (dS/m) 0.246; pH 6.34; Layer 50- 70cm EC (dS/m) 0.383; pH 6.95.
B22	70 - 100cm	Reddish brown (2.5YR 4/4) moist fine sandy medium clay; massive structure; few (2-10%) mottles; non-repellent. Layer 70- 100cm EC (dS/m) 0.467; pH 7.4.
B3	100 - 150cm	Reddish brown (2.5YR 5/4) moist medium clay; massive structure; common (10-20%) mottles; non-repellent. Layer 100- 125cm EC (dS/m) 0.882; pH 7.39; Layer 125- 150cm EC (dS/m) 1.197; pH 7.25.