

Site Information

Easting: 520011
Northing: 5309216
Describer: R Moreton
Date: 20-Jun-2017

Runoff: Moderately rapid
Permeability: Slowly permeable
Drainage: Moderately well drained
Land Capability: 4
Observation Type: Undisturbed soil core

Depth to Watertable (m): No Data
Depth to Substrate (m): 1.23
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: Lower-slope
Element Type: Footslope

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: 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:

Morphological Description

Horizon	Depth	Description
A1	0 - 14cm	Dark brown (10YR 3/3) moist; light brownish grey (10YR 6/2) dry fine sandy clay loam; moderate, 5-10 mm structure; no mottles; water repellent. Layer 0- 5cm EC (dS/m) 0.199; pH 5.37; Layer 5- 14cm EC (dS/m) 0.212; pH 5.54.
A2e	14 - 24cm	Dark greyish brown (10YR 4/2) moist; light grey (10YR 7/2) dry fine sandy clay loam; massive structure; very few (<2%) mottles; weakly cemented, densipan pan; water repellent. Layer 14- 24cm EC (dS/m) 0.181; pH 5.8.
B2	24 - 78cm	Brown (10YR 4/3) moist medium clay; strong, 10-20 mm structure; very few (<2%) mottles; common (10-50% of ped faces or walls coated), distinct clay skins; non-repellent. Layer 24- 51cm EC (dS/m) 0.444; pH 5.89; Layer 51- 78cm EC (dS/m) 1.047; pH 7.36.
B31k	78 - 100cm	Light olive brown (2.5y 5/4) moist sandy light medium clay; massive structure; very few (<2%) mottles; common (10-20%), medium (2-6mm), calcareous veins; non-repellent. Layer 78- 100cm EC (dS/m) 1.25; pH 8.01.
B32k	100 - 123cm	Olive brown (2.5y 4/4) moist medium clay; massive structure; no mottles mottles; common (10-20%), medium (2-6mm), calcareous veins; non-repellent. Layer 100- 123cm EC (dS/m) 1.414; pH 7.97.
BC	123 - 153cm	Dark yellowish brown (10YR 4/4) moist sandy light medium clay; massive structure; no mottles; non-repellent. Layer 123- 153cm EC (dS/m) 1.513; pH 7.91.

