

Site Information

Easting: 515845
Northing: 5293463
Describer: Chris Grose
Date: 15-Jun-2017

Runoff: Moderately rapid
Permeability: Slowly permeable
Drainage: Moderately well drained
Land Capability: 5
Observation Type: Undisturbed soil core

Depth to Watertable (m): No Data
Depth to Substrate (m): 0.9
Surface Coarse Fragments: No surface coarse fragments

Land Form Information

Landform Element (20m radius)
Element Slope Class: Moderately inclined (10-32%)
Element Morph. Type: Mid-slope
Element Type: Hillslope

Landform Pattern (300m radius)
Pattern Type: Low 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 and little or no knowledge of this soil.
Soil Name:

Morphological Description

Horizon	Depth	Description
A11	0 - 11cm	Dark brown (10YR 3/3) moist; dark yellowish brown (10YR 3/4) dry loamy fine sand; weak structure; no mottles; strongly water repellent. Layer 0- 5cm EC (dS/m) 0.164; pH 5.0; Layer 5- 11cm EC (dS/m) 0.214; pH 4.94.
A12	11 - 22cm	Dark brown (10YR 3/3) moist; dark yellowish brown (10YR 3/4) dry loamy fine sand; single grain structure; no mottles; water repellent. Layer 11- 22cm EC (dS/m) 0.1; pH 5.18.
A2	22 - 39cm	Dark yellowish brown (10YR 4/4) moist; dark yellowish brown (10YR 4/6) dry fine sand; single grain structure; no mottles; water repellent. Layer 22- 39cm EC (dS/m) 0.064; pH 6.66.
2B21	39 - 64cm	Dark yellowish brown (10YR 4/6) moist sandy clay loam; moderate structure; few (2-10%) mottles; non-repellent. Layer 39- 64cm EC (dS/m) 0.295; pH 7.13.
2B22	64 - 90cm	Dark yellowish brown (10YR 4/6) moist sandy clay loam; moderate structure; few (2-10%) mottles; non-repellent. Layer 64- 90cm EC (dS/m) 0.444; pH 7.17.
2C1	90 - 115cm	Yellowish brown (10YR 5/6) moist loamy sand; no mottles mottles; non-repellent. Layer 90- 115cm EC (dS/m) 0.141; pH 7.48.
2C2	115 - 140cm	Strong brown (7.5YR 5/6) moist sandy clay loam; no mottles mottles; non-repellent. Layer 115- 140cm EC (dS/m) 0.177; pH 7.59.