

Site Information

Easting: 531407
Northing: 5302519
Describer: R Moreton
Date: 23-May-2017

Runoff: Slow
Permeability: Slowly permeable
Drainage: Imperfectly drained
Land Capability: 4
Observation Type: Undisturbed soil core

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

Land Form Information

Landform Element (20m radius)

Element Slope Class: Gently inclined (3-10%)
Element Morph. Type: Hillock
Element Type: Dune

Landform Pattern (300m radius)

Pattern Type: Dunefield
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:

Morphological Description

Horizon	Depth	Description
A1	0 - 13cm	Very dark brown (10YR 2/2) moist fine sandy clay loam; strong, 5-10mm structure; no mottles; non-repellent. Layer 0- 5cm EC (dS/m) 0.142; pH 6.24; Layer 5- 13cm EC (dS/m) 0.198; pH 6.17.
A2	13 - 24cm	Greyish brown (10YR 5/2) moist loamy fine sand; strong, 5-10mm structure; very few (<2%) mottles; weakly cemented, densipan pan; non-repellent. Layer 13- 24cm EC (dS/m) 0.093; pH 7.0.
B2	24 - 53cm	Dark yellowish brown (10YR 4/4) moist fine sandy light medium clay; strong, 10-20mm structure; few (2-10%) mottles; common (10-50% of ped faces or walls coated), distinct clay skins; non-repellent. Layer 24- 53cm EC (dS/m) 0.18; pH 8.02.
B3	53 - 108cm	Light olive brown (2.5Y 5/4) moist fine sandy light clay; moderate, 20-50mm structure; common (10-20%) mottles; common (10-50% of ped faces or walls coated), distinct clay skins; non-repellent. Layer 53- 79cm EC (dS/m) 0.185; pH 8.2; Layer 79- 108cm EC (dS/m) 0.162; pH 8.49.
BC	108 - 152cm	Light olive brown (2.5Y 5/4) moist fine sandy light clay; massive structure; common (10-20%) mottles; non-repellent. Layer 108- 129cm EC (dS/m) 0.243; pH 8.4; Layer 129- 152cm EC (dS/m) 0.221; pH 8.23.

