

Site Information

Easting: 511425
Northing: 5396669
Describer: R Moreton
Date: 12-May-2016

Runoff: Moderately rapid
Permeability: Highly permeable
Drainage: Moderately well 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: Very gently sloped (1-3%)
Element Morph. Type: Crest
Element Type: Risecrest

Landform Pattern (300m radius)

Pattern Type: Rises
Pattern Slope Class: Very gently sloped (1-3%)
Pattern Relief Class: Very low (9-30m)
Relief Modal Slope: Gently undulating rises

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 - 16cm	Very dark brown (7.5YR 2.5/2) moist, sandy loam; weak, 2-5 mm polyhedral structure; no mottles. Layer 0cm - 5cm EC (dS/m) 0.676; pH 6.23; Layer 5cm - 16cm EC (dS/m) 0.512; pH 5.04.
A12	16 - 34cm	Very dark grey (7.5YR 3/1) moist, sandy loam; weak, 2-5 mm polyhedral structure; no mottles. Layer 16cm - 34cm EC (dS/m) 0.156; pH 5.26.
A21	34 - 54cm	Brown (10YR 4/3) moist, loamy fine sand; massive structure; few (2-10%) mottles; few (2-10%), coarse (6-20mm), ferromanganiferous nodules; few (2-10%), medium gravelly (6-20mm). Layer 34cm - 54cm EC (dS/m) 0.076; pH 6.35.
A22	54 - 66cm	Yellowish brown (10YR 5/4) moist, very pale brown (10YR 7/3) dry, loamy fine sand; single grain structure; no mottles; common (10-20%), medium gravelly (6-20mm). Layer 54cm - 66cm EC (dS/m) 0.048; pH 6.83.
B21	66 - 116cm	Dark yellowish brown (10YR 4/4) moist, light clay; moderate, 20-50 mm angular blocky structure; very few (<2%) mottles. Layer 66cm - 91cm EC (dS/m) 0.264; pH 6.8; Layer 91cm - 116cm EC (dS/m) 0.204; pH 6.96.
B22	116 - 146cm	Dark yellowish brown (10YR 4/4) moist, light clay; moderate, 20-50 mm angular blocky structure; few (2-10%) mottles. Layer 116cm - 146cm EC (dS/m) 0.203; pH 6.68.