

Site Information

Easting: 533071
Northing: 5314488
Describer: R Moreton
Date: 05-May-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): No Data
Surface Coarse Fragments: Very few (<2%), Cobbly (60-200mm), Quartz sandstone

Land Form Information

Landform Element (20m radius)

Element Slope Class: Gently inclined (3-10%)
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: Partial, Minor or present (sheet)

Aspect: No Data
Elevation: No Data

Soil Classification

Australian Soil Classification: Brown Kurosol
ASC Confidence: No analytical data and little or no knowledge of this soil.
Soil Name:

Morphological Description

Horizon	Depth	Description
A1	0 - 12cm	Dark brown (10YR 3/3) moist fine sandy loam; moderate, 5-10 mm structure; no mottles; water repellent. Layer 0- 5cm EC (dS/m) 0.144; pH 5.72; Layer 5- 12cm EC (dS/m) 0.104; pH 5.06.
A21	12 - 30cm	Dark yellowish brown (10YR 3/4) moist; dark yellowish brown (10YR 4/4) dry loamy fine sand; single grain structure; no mottles; water repellent. Layer 12- 30cm EC (dS/m) 0.064; pH 4.78.
A22	30 - 48cm	Dark yellowish brown (10YR 4/4) moist; light yellowish brown (10YR 6/4) dry clayey sand; single grain structure; no mottles; non-repellent. Layer 30- 48cm EC (dS/m) 0.051; pH 5.31.
B21	48 - 58cm	Yellowish brown (10YR 5/4) moist sandy clay loam; massive structure; common (10-20%) mottles; uncemented, densipan pan; non-repellent. Layer 48- 58cm EC (dS/m) 0.156; pH 5.52.
2B22b	58 - 88cm	Brown (10YR 4/3) moist fine sandy clay loam; moderate, 50-100 mm structure; common (10-20%) mottles; common (10-50% of ped faces or walls coated), distinct clay skins; few (2-10%), quartz sandstone coarse gravelly (20-60mm); non-repellent. Layer 58- 88cm EC (dS/m) 0.48; pH 4.71.
2BCb	88 - 148cm	Pale yellow (2.5Y 7/4) moist sandy clay loam; massive structure; common (10-20%) mottles; non-repellent. Layer 88- 118cm EC (dS/m) 0.288; pH 5.09; Layer 118- 148cm EC (dS/m) 0.308; pH 5.11.