

Site Information

Easting: 537890
Northing: 5335128
Describer: R Moreton
Date: 19-Apr-2017

Runoff: Slow
Permeability: Slowly permeable
Drainage: 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: Gently inclined (3-10%)
Element Morph. Type: Upper-slope
Element Type: Hillslope

Landform Pattern (300m radius)

Pattern Type: Low hills
Pattern Slope Class: Gently inclined (3-10%)
Pattern Relief Class: Low (30-90m)
Relief Modal Slope: Undulating low hills

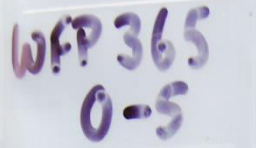
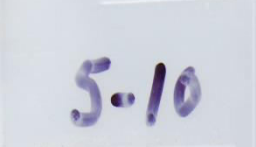
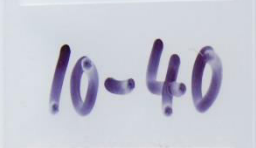
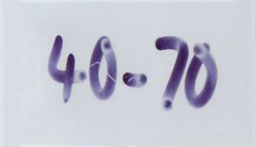
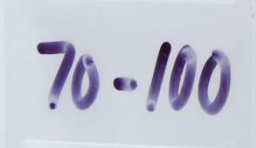
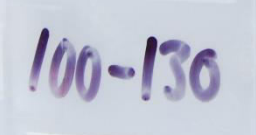
Inundation Frequency: No Data
Rainfall: No Data
Erosion: Partially stabilised , Minor sheet, Partially stabilised, Minor wind erosion

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: Brown/Red Panshanger

Morphological Description

	Horizon	Depth	Description
	Ap 1	0 - 10cm	Dark brown (7.5YR 3/4) moist fine sandy loam; moderate, 2-5mm structure; no mottles; non-repellent. Layer 0- 5cm EC (dS/m) 0.971; pH 6.24; Layer 5- 10cm EC (dS/m) 0.694; pH 5.92.
			
	Ap 2	10 - 40cm	Dark brown (7.5YR 3/3) moist sandy loam; moderate, 5-10mm structure; no mottles; non-repellent. Layer 10- 40cm EC (dS/m) 0.783; pH 5.2.
	A2	40 - 70cm	Strong brown (7.5YR 4/6) moist loamy fine sand; massive structure; no mottles; non-repellent. Layer 40- 70cm EC (dS/m) 0.34; pH 6.78.
	2B21	70 - 100cm	Yellowish brown (10YR 5/6) moist fine sandy light clay; moderate, 20-50mm structure; few (2-10%) mottles; few (<10% of ped faces or walls coated), faint clay skins; few (2-10%), fine (<2mm), manganiferous soft segregations; non-repellent. Layer 70- 100cm EC (dS/m) 0.46; pH 7.99.
	2B22	100 - 130cm	Light olive brown (2.5y 5/3) moist fine sandy light clay; massive structure; few (2-10%) mottles; non-repellent. Layer 100- 130cm EC (dS/m) 0.51; pH 8.24.