

Project: Water for Profit

Site Id: WFP197

Site Information

Easting: 539416
Northing: 5336592
Describer: Chris Grose
Date: 25-May-2017

Runoff: Very slow
Permeability: Very slowly permeable
Drainage: Moderately well drained
Land Capability: 4
Observation Type: Undisturbed soil core

Depth to Watertable (m): No Data
Depth to Substrate (m): 0.59
Surface Coarse Fragments: No surface coarse fragments

Land Form Information

Landform Element (20m radius)

Element Slope Class: Gently inclined (3-10%)
Element Morph. Type: Lower-slope
Element Type: Riseslope

Landform Pattern (300m radius)

Pattern Type: Rises
Pattern Slope Class: Gently inclined (3-10%)
Pattern Relief Class: Very low (9-30m)
Relief Modal Slope: 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
	A1	0 - 11cm	Dark brown (10YR 3/3) moist sandy loam; weak structure; no mottles; non-repellent. Layer 0- 5cm EC (dS/m) 0.36; pH 7.1; Layer 5- 11cm EC (dS/m) 0.397; pH 6.77.
	B2k	11 - 37cm	Brown (10YR 4/3) moist medium clay; strong structure; no mottles; non-repellent. Layer 11- 37cm EC (dS/m) 0.729; pH 7.59.
	B3k	37 - 59cm	Yellowish brown (10YR 5/6) moist sandy clay loam; moderate structure; few (2-10%) mottles; few (2-10%), coarse (6-20mm), calcareous soft segregations; non-repellent. Layer 37-59cm EC (dS/m) 0.94; pH 8.86.
	C1	59 - 89cm	Light grey (10YR 7/1) moist light clay; massive structure; few (2-10%) mottles; common (10-20%), coarse (6-20mm), calcareous soft segregations; non-repellent. Layer 59- 89cm EC (dS/m) 0.212; pH 8.7.
	C2	89 - 150cm	Light grey (10YR 7/1) moist light clay; massive structure; few (2-10%) mottles; few (2-10%), medium (2-6mm), calcareous soft segregations; non-repellent. Layer 89- 119cm EC (dS/m) 0.277; pH 8.83; Layer 119- 150cm EC (dS/m) 1.856; pH 8.9.
