

Site Information

Easting: 523485
Northing: 5311554
Describer: Chris Grose
Date: 02-Jun-2017

Runoff: No runoff
Permeability: Slowly permeable
Drainage: Imperfectly drained
Land Capability: 4
Observation Type: Undisturbed soil core

Depth to Watertable (m): No Data
Depth to Substrate (m): 1.2
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: Flat
Element Type: Plain

Landform Pattern (300m radius)

Pattern Type: Plain
Pattern Slope Class: Level (<1%)
Pattern Relief Class: Extremely low (<9m)
Relief Modal Slope: Level plain

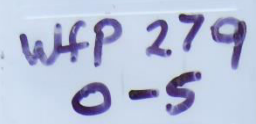
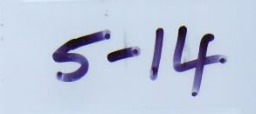
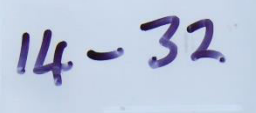
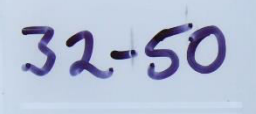
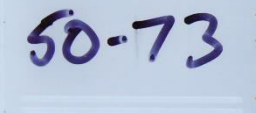
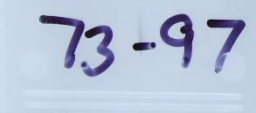
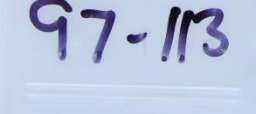
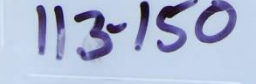
Inundation Frequency: No Data
Rainfall: No Data
Erosion: No Data

Aspect: No Data
Elevation: No Data

Soil Classification

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

Morphological Description

	Horizon	Depth	Description
	A1	0 - 14cm	Very dark greyish brown (10YR 3/2) moist fine sandy loam; strong structure; no mottles; non-repellent. Layer 0- 5cm EC (dS/m) 0.244; pH 6.62; Layer 5- 14cm EC (dS/m) 0.287; pH 6.83.
			
	2B21	14 - 50cm	Black (10YR 2/1) moist heavy clay; strong structure; no mottles; common (10-50% of ped faces or walls coated), distinct stress cutans; non-repellent. Layer 14- 32cm EC (dS/m) 0.51; pH 6.54; Layer 32- 50cm EC (dS/m) 0.819; pH 7.09.
			
	2B22	50 - 73cm	Brown (10YR 4/3) moist medium clay; common (10-20%) mottles; common (10-20%), coarse (6-20mm), ferruginous nodules; non-repellent. Layer 50- 73cm EC (dS/m) 0.995; pH 7.89.
	2B31	73 - 97cm	Dark yellowish brown (10YR 4/4) moist medium clay; strong structure; few (2-10%) mottles; few (2-10%), coarse gravelly (20-60mm); non-repellent. Layer 73- 97cm EC (dS/m) 0.205; pH 7.79.
	2B32	97 - 113cm	Pale brown (10YR 6/3) moist fine sandy medium clay; moderate structure; few (2-10%) mottles; few (2-10%), coarse (6-20mm), calcareous soft segregations; few (2-10%), medium gravelly (6-20mm); non-repellent. Layer 97- 113cm EC (dS/m) 1.425; pH 8.02.
	R	113 - 150cm	Light olive brown (2.5Y 5/3) moist; abundant (50-90%), coarse gravelly (20-60mm); non-repellent.