

Site Information

Easting: 534332
Northing: 5357848
Describer: Chris Grose
Date: 19-Jan-2017

Runoff: No runoff
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): 1.07
Surface Coarse Fragments: No surface coarse fragments

Land Form Information

Landform Element (20m radius)

Element Slope Class: Level (<1%)
Element Morph. Type: Open depression (vale)
Element Type: Drainage depression

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: Red Dermosol
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 grey (10YR 3/1) moist; grey (10YR 5/1) dry clay loam; strong structure; no mottles; non-repellent. Layer 0- 5cm EC (dS/m) 0.539; pH 7.44; Layer 5- 14cm EC (dS/m) 0.454; pH 7.93.
B21	14 - 54cm	Black (10YR 2/1) moist medium clay; strong structure; no mottles; common (10-50% of ped faces or walls coated), distinct slicken sides; non-repellent. Layer 14- 34cm EC (dS/m) 0.247; pH 7.9; Layer 34- 54cm EC (dS/m) 0.318; pH 8.02.
B22	54 - 81cm	Light brownish grey (2.5Y 6/3) moist sandy medium clay; moderate structure; very few (<2%) mottles; common (10-20%), coarse (6-20mm), calcareous soft segregations; non-repellent. Layer 54- 81cm EC (dS/m) 1.205; pH 8.71.
2B2	81 - 107cm	Light olive brown (2.5Y 5/4) moist clayey sand; common (10-20%) mottles; few (2-10%), coarse (6-20mm), calcareous soft segregations; non-repellent. Layer 81- 107cm EC (dS/m) 0.831; pH 8.86.
2C1g	107 - 120cm	Yellowish brown (10YR 5/4) moist sand; single grain structure; common (10-20%) mottles; non-repellent. Layer 107- 120cm EC (dS/m) 0.885; pH 8.63.
2C2g	120 - 137cm	Dark yellowish brown (10YR 4/6) moist clayey sand; single grain structure; common (10-20%) mottles; few (2-10%), coarse (6-20mm), calcareous soft segregations; non-repellent. Layer 120- 137cm EC (dS/m) 0.91; pH 8.71.