

Site Information

Easting: 536253
Northing: 5363468
Describer: Chris Grose
Date: 29-Nov-2016

Runoff: Very slow
Permeability: Very slowly permeable
Drainage: Imperfectly 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: Very gently sloped (1-3%)
Element Morph. Type: Lower-slope
Element Type: Riseslope

Landform Pattern (300m radius)

Pattern Type: Plain
Pattern Slope Class: Gently inclined (3-10%)
Pattern Relief Class: Extremely low (<9m)
Relief Modal Slope: Undulating plain

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

Aspect: No Data
Elevation: No Data

Soil Classification

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

Morphological Description



Horizon	Depth	Description
A1	0 - 24cm	Black (10YR 2/1) moist, clay loam; strong structure; no mottles. Layer 0cm - 5cm EC (dS/m) 0.329; pH 5.57; Layer 5cm - 24cm EC (dS/m) 0.338; pH 5.51.
B21	24 - 68cm	Very dark greyish brown (10YR 3/2) moist, heavy clay; moderate structure; very few (<2%) mottles; very few (<2%), medium (2-6mm), calcareous soft segregations; very few (<2%), fine gravelly (2-6mm). Layer 24cm - 47cm EC (dS/m) 0.528; pH 6.47; Layer 47cm - 68cm EC (dS/m) 0.894; pH 7.3.
B22	68 - 139cm	Yellowish brown (10YR 5/4) moist, medium clay; common (10-20%) mottles; few (2-10%), medium (2-6mm), calcareous soft segregations; very few (<2%), fine gravelly (2-6mm). Layer 68cm - 92cm EC (dS/m) 1.972; pH 7.77; Layer 92cm - 116cm EC (dS/m) 1.268; pH 7.51; Layer 116cm - 139cm EC (dS/m) 1.235; pH 7.42.
B3	139 - 155cm	Yellowish brown (10YR 5/6) moist, light sandy medium clay; common (10-20%) mottles; few (2-10%), coarse gravelly (20-60mm). Layer 139cm - 155cm EC (dS/m) 1.636; pH 7.84.