

Site Information

Easting: 534723
Northing: 5356560
Describer: Chris Grose
Date: 19-Jan-2017

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: Very few (<2%), Cobbly (60-200mm)

Land Form information

Landform Element (20m radius)

Element Slope Class: Very gently sloped (1-3%)
Element Morph. Type: Lower-slope
Element Type: Footslope

Landform Pattern (300m radius)

Pattern Type: Alluvial fan
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: Red Vertosol
ASC Confidence: No analytical data and little or no knowledge of this soil.
Soil Name:

Morphological Description



Horizon	Depth	Description
A1	0 - 12cm	Very dark brown (10YR 2/2) moist clay loam; strong structure; no mottles; non-repellent. Layer 0- 5cm EC (dS/m) 0.256; pH 5.91; Layer 5- 12cm EC (dS/m) 0.246; pH 5.76.
B21	12 - 70cm	Very dark brown (10YR 2/2) moist heavy clay; strong structure; few (2-10%) mottles; common (10-50% of ped faces or walls coated), faint slicken sides; very few (<2%), fine gravelly (2-6mm); non-repellent. Layer 12- 41cm EC (dS/m) 0.406; pH 6.44; Layer 41- 70cm EC (dS/m) 0.436; pH 7.27.
B22	70 - 100cm	Brown (10YR 4/3) moist medium clay; moderate structure; few (2-10%) mottles; few (<10% of ped faces or walls coated), faint slicken sides; very few (<2%), medium gravelly (6-20mm); non-repellent. Layer 70- 100cm EC (dS/m) 0.663; pH 7.55.
B3	100 - 154cm	Yellowish brown (10YR 5/6) moist medium clay; very few (<2%) mottles; very few (<2%), medium (2-6mm), calcareous soft segregations; non-repellent. Layer 100- 127cm EC (dS/m) 1.206; pH 7.76; Layer 127- 154cm EC (dS/m) 0.995; pH 7.95.