

Site Information

Easting: 535772
Northing: 5372644
Describer: R Moreton
Date: 05-Apr-2017

Runoff: Slow
Permeability: Moderately 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: Few (2-10%), Medium gravelly (6-20mm)

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: Low hills
Pattern Slope Class: Gently inclined (3-10%)
Pattern Relief Class: Low (30-90m)
Relief Modal Slope: Undulating low hills

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

Aspect: No Data
Elevation: No Data

Soil Classification

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

Morphological Description



Horizon	Depth	Description
A1	0 - 10cm	Very dark brown (10YR 2/2) moist; brown (10YR 5/3) dry fine sandy clay loam; moderate, 5-10 mm structure; common (10-20%) mottles; very few (<2%), medium (2-6mm), ferruginous nodules; non-repellent. Layer 0- 5cm EC (dS/m) 0.695; pH 5.58; Layer 5- 10cm EC (dS/m) 0.381; pH 5.16.
A2e	10 - 20cm	Yellowish brown (10YR 5/4) moist; light grey (10YR 7/2) dry loamy fine sand; massive structure; common (10-20%) mottles; many (20-50%), medium (2-6mm), ferruginous nodules; densipan pan; non-repellent. Layer 10- 20cm EC (dS/m) 0.089; pH 5.15.
2B1	20 - 37cm	Yellowish brown (10YR 5/6) moist medium clay; moderate, 20-50 mm structure; many (20-50%) mottles; common (10-50% of ped faces or walls coated), distinct clay skins; common (10-20%), coarse (6-20mm), ferruginous nodules; non-repellent. Layer 20- 37cm EC (dS/m) 0.158; pH 5.77.
2B2	37 - 77cm	Light olive brown (2.5Y 5/6) moist medium clay; moderate, 20-50 mm structure; many (20-50%) mottles; common (10-50% of ped faces or walls coated), distinct clay skins; common (10-20%), coarse (6-20mm), ferruginous nodules; non-repellent. Layer 37- 57cm EC (dS/m) 0.174; pH 5.54; Layer 57- 77cm EC (dS/m) 0.216; pH 5.07.
2B31	77 - 127cm	Light brownish grey (2.5Y 6/2) moist medium clay; moderate, 50-100 mm structure; many (20-50%) mottles; common (10-50% of ped faces or walls coated), distinct clay skins; common (10-20%), coarse (6-20mm), ferruginous nodules; non-repellent. Layer 77- 102cm EC (dS/m) 0.223; pH 4.8; Layer 102- 127cm EC (dS/m) 0.275; pH 4.56.
2B32	127 - 155cm	Light brownish grey (2.5Y 6/2) moist medium clay; moderate, 50-100 mm structure; many (20-50%) mottles; common (10-50% of ped faces or walls coated), distinct clay skins; common (10-20%), coarse (6-20mm), ferruginous nodules; non-repellent. Layer 127- 155cm EC (dS/m) 0.24; pH 4.67.