

Site Information

Easting: 512907
Northing: 5389307
Describer: R Moreton
Date: 03-May-2017

Runoff: Slow
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): 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: Upper-slope
Element Type: Risecrest

Landform Pattern (300m radius)

Pattern Type: Rises
Pattern Slope Class: Very gently sloped (1-3%)
Pattern Relief Class: Very low (9-30m)
Relief Modal Slope: Gently undulating rises

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

Aspect: No Data
Elevation: No Data

Soil Classification

Australian Soil Classification: Brown Chromosol
ASC Confidence: No analytical data are available but confidence is fair.
Soil Name: Brickendon

Morphological Description

Horizon	Depth	Description
Ap	0 - 22cm	Dark brown (10YR 3/3) moist sandy clay loam; moderate, 5-10mm structure; no mottles; very few (<2%), fine (<2mm), ferromanganiferous nodules; very few (<2%), quartz fine gravelly (2-6mm); non-repellent. Layer 0- 5cm EC (dS/m) 0.184; pH 5.92; Layer 5- 22cm EC (dS/m) 0.067; pH 6.12.
A2	22 - 46cm	Yellowish brown (10YR 5/4) moist clayey fine sand; weak, 2-5mm structure; very few (<2%) mottles; few (2-10%), medium (2-6mm), ferromanganiferous nodules; many (20-50%), quartz medium gravelly (6-20mm); non-repellent. Layer 22- 46cm EC (dS/m) 0.045; pH 5.55.
2B2	46 - 86cm	Yellowish brown (10YR 5/6) moist fine sandy light clay; moderate, 50-100mm structure; common (10-20%) mottles; few (<10% of ped faces or walls coated), faint clay skins; few (2-10%), medium (2-6mm), ferruginous nodules; very few (<2%), quartz fine gravelly (2-6mm); non-repellent. Layer 46-66cm EC (dS/m) 0.13; pH 6.28; Layer 66- 86cm EC (dS/m) 0.086; pH 6.63.
2B31	86 - 115cm	Yellowish brown (10YR 5/8) moist light medium clay; massive structure; many (20-50%) mottles; few (<10% of ped faces or walls coated), faint clay skins; common (10-20%), coarse (6-20mm), ferruginous nodules; very few (<2%), quartz fine gravelly (2-6mm); non-repellent. Layer 86- 115cm EC (dS/m) 0.12; pH 6.49.
2B32	115 - 155cm	Light brownish grey (2.5y 6/2) moist light medium clay; massive structure; many (20-50%) mottles; few (<10% of ped faces or walls coated), faint clay skins; common (10-20%), coarse (6-20mm), ferruginous nodules; very few (<2%), quartz fine gravelly (2-6mm); non-repellent. Layer 115- 135cm EC (dS/m) 0.149; pH 6.55; Layer 135- 155cm EC (dS/m) 0.133; pH 6.45.