

Site Information

Easting: 525167
Northing: 5389538
Describer: R Moreton
Date: 02-Mar-2017

Runoff: Slow
Permeability: Slowly permeable
Drainage: Imperfectly drained
Land Capability: 4
Observation Type: Undisturbed soil core

Depth to Watertable (m): No Data
Depth to Substrate (m): 1.03
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: Risecrest

Landform Pattern (300m radius)

Pattern Type: Plain
Pattern Slope Class: Very gently sloped (1-3%)
Pattern Relief Class: Extremely low (<9m)
Relief Modal Slope: Gently undulating plain

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 and little or no knowledge of this soil.
Soil Name: Brickendon

Morphological Description

Horizon	Depth	Description
A1	0 - 25cm	Dark yellowish brown (10YR 3/4) moist; very pale brown (10YR 7/3) dry silty clay loam; weak, 2-5 mm structure; common (10-20%) mottles. Layer 0- 5cm ec 0.161; pH 6.64; Layer 5- 25cm EC (dS/m) 0.1; pH 6.03.
A2	25 - 32cm	Dark brown (10YR 3/3) moist; light grey (10YR 7/2) dry silty loam; massive structure; no mottles; very few (<2%), medium (2-6mm), manganiferous soft segregations; weakly cemented, densipan pan; few (2-10%), medium gravelly (6-20mm); non-repellent. Layer 25- 32cm EC (dS/m) 0.056; pH 5.56.
B1	32 - 57cm	Very dark grey (10YR 3/1) moist light medium clay; strong, 10-20 mm structure; few (2-10%) mottles; common (10-50% of ped faces or walls coated), distinct slicken sides; very few (<2%), medium (2-6mm), manganiferous soft segregations; non-repellent. Layer 32- 57cm EC (dS/m) 1.311; pH 8.23.
B2	57 - 77cm	Dark yellowish brown (10YR 4/4) moist coarse sandy light clay; massive structure; very few (<2%) mottles; common (10-20%), medium gravelly (6-20mm); non-repellent. Layer 57- 77cm EC (dS/m) 1.019; pH 8.26.
B3	77 - 103cm	Olive brown (2.5Y 4/4) moist fine sandy light clay; massive structure; very few (<2%) mottles; very few (<2%), fine gravelly (2-6mm); non-repellent. Layer 77- 103cm EC (dS/m) 0.607; pH 7.94.
C	103 - 125cm	Yellowish brown (10YR 5/8) moist fine sandy light clay; massive structure; very few (<2%) mottles; many (20-50%), coarse gravelly (20-60mm); non-repellent. Layer 103- 125cm EC (dS/m) 0.455; pH 6.31.