

Site Information

Easting: 492242
Northing: 5402139
Describer: R Moreton
Date: 12-Apr-2017

Runoff: Very 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): 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: 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 Dermosol
ASC Confidence: No analytical data are available but confidence is fair.
Soil Name: Cressy Assoc.

Morphological Description

Horizon	Depth	Description
Ap	0 - 19cm	Very dark brown (7.5YR 2.5/3) moist clay loam; strong, 2-5mm structure; very few (<2%) mottles; few (2-10%), medium (2-6mm), ferromanganiferous nodules; few (2-10%), quartz medium gravelly (6-20mm); non-repellent. Layer 0- 5cm EC (dS/m) 0.22; pH 6.0; Layer 5- 19cm EC (dS/m) 0.393; pH 6.24.
B1c	19 - 41cm	Strong brown (7.5YR 4/6) moist light clay; moderate, 5-10mm structure; very few (<2%) mottles; many (20-50%), medium (2-6mm), ferromanganiferous nodules; very few (<2%), quartz fine gravelly (2-6mm); non-repellent. Layer 19- 41cm EC (dS/m) 0.18; pH 6.53.
B2t	41 - 66cm	Yellowish brown (10YR 5/6) moist light medium clay; moderate, 10-20mm structure; common (10-20%) mottles; few (2-10%), medium (2-6mm), ferromanganiferous nodules; non-repellent. Layer 41- 66cm EC (dS/m) 0.306; pH 5.86.
B31t	66 - 94cm	Brownish yellow (10YR 6/6) moist light medium clay; moderate, 10-20mm structure; common (10-20%) mottles; very few (<2%), fine (<2mm), ferruginous nodules; very few (<2%), fine (<2mm), ferruginous fragments; non-repellent. Layer 66- 94cm EC (dS/m) 0.258; pH 4.67.
B32t	94 - 124cm	Light grey (10YR 7/1) moist light medium clay; moderate, 20-50mm structure; common (10-20%) mottles; very few (<2%), fine (<2mm), ferruginous nodules; non-repellent. Layer 94- 124cm EC (dS/m) 0.156; pH 4.54.
B33t	124 - 143cm	Red (2.5YR 4/8) moist light medium clay; moderate, 20-50mm structure; few (2-10%) mottles; very few (<2%), medium (2-6mm), ferruginous nodules; non-repellent. Layer 124- 143cm EC (dS/m) 0.122; pH 4.56.