

Site Information

Easting: 492311
Northing: 5402181
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: Alluvial 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 - 17cm	Very dark brown (7.5YR 2.5/3) moist clay loam; strong, 5-10mm structure; very few (<2%) mottles; few (2-10%), medium (2-6mm), ferromanganiferous nodules; few (2-10%), medium (2-6mm), manganiferous soft segregations; few (2-10%), medium gravelly (6-20mm); non-repellent. Layer 0- 5cm EC (dS/m) 0.264; pH 5.87; Layer 5- 17cm EC (dS/m) 0.253; pH 6.17.
B1c	17 - 37cm	Dark brown (7.5YR 3/3) moist clay loam; moderate, 10-20mm structure; common (10-20%) mottles; common (10-20%), medium (2-6mm), ferromanganiferous nodules; common (10-20%), medium (2-6mm), manganiferous soft segregations; few (2-10%), medium gravelly (6-20mm); non-repellent. Layer 17- 37cm EC (dS/m) 0.136; pH 6.5.
B21c	37 - 60cm	Reddish brown (5YR 4/4) moist clay loam; moderate structure; common (10-20%) mottles; many (20-50%), medium (2-6mm), ferromanganiferous nodules; many (20-50%), medium (2-6mm), manganiferous soft segregations; non-repellent. Layer 37- 60cm EC (dS/m) 0.142; pH 6.76.
B22c	60 - 100cm	Strong brown (7.5YR 4/6) moist clay loam; moderate structure; common (10-20%) mottles; many (20-50%), coarse (6-20mm), ferromanganiferous nodules; many (20-50%), coarse (6-20mm), manganiferous soft segregations; non-repellent. Layer 60- 80cm EC (dS/m) 0.17; pH 6.74; Layer 80- 100cm EC (dS/m) 0.153; pH 6.67.
B31c	100 - 117cm	Strong brown (7.5YR 4/6) moist light clay; moderate structure; common (10-20%) mottles; common (10-20%), coarse (6-20mm), ferromanganiferous nodules; common (10-20%), coarse (6-20mm), manganiferous soft segregations; few (2-10%), medium gravelly (6-20mm); non-repellent. Layer 100- 117cm EC (dS/m) 0.168; pH 6.58.
B32t	117 - 147cm	Yellowish brown (10YR 5/8) moist light medium clay; moderate structure; common (10-20%) mottles; few (2-10%), fine (<2mm), ferromanganiferous nodules; few (2-10%), medium gravelly (6-20mm); non-repellent. Layer 117- 147cm EC (dS/m) 0.215; pH 6.05.