

Site Information

Easting: 537835
Northing: 5334763
Describer: R Moreton
Date: 19-Apr-2017

Runoff: No runoff
Permeability: Very slowly permeable
Drainage: Poorly drained
Land Capability: 6
Observation Type: Undisturbed soil core

Depth to Watertable (m): No Data
Depth to Substrate (m): 0.83
Surface Coarse Fragments: No surface coarse fragments

Land Form Information

Landform Element (20m radius)
Element Slope Class: Level (<1%)
Element Morph. Type: Flat
Element Type: Scald

Landform Pattern (300m radius)
Pattern Type: Rises
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: Stable, Minor sheet erosion

Aspect: No Data
Elevation: No Data

Soil Classification

Australian Soil Classification: Redoxic Hydrosol
ASC Confidence: No analytical data and little or no knowledge of this soil.
Soil Name:

Morphological Description

Horizon	Depth	Description
Ap	0 - 10cm	Very dark greyish brown (10YR 3/2) moist clay loam; strong, 2-5mm structure; common (10-20%) mottles; non-repellent. Layer 0- 5cm EC (dS/m) 0.818; pH 6.88; Layer 5- 10cm EC (dS/m) 0.713; pH 6.83.
B1	10 - 30cm	Dark greyish brown (10YR 4/2) moist light clay; moderate, 5-10mm structure; common (10-20%) mottles; non-repellent. Layer 10- 30cm EC (dS/m) 0.599; pH 7.0.
B2	30 - 50cm	Very dark grey (10YR 3/1) moist light clay; moderate, 10-20mm structure; common (10-20%) mottles; non-repellent. Layer 30-50cm EC (dS/m) 0.582; pH 7.47.
2A1b	50 - 66cm	Black (10YR 2/1) moist light clay; moderate, 10-20mm structure; common (10-20%) mottles; non-repellent. Layer 50-66cm EC (dS/m) 0.601; pH 7.68.
2B3b	66 - 83cm	Light olive brown (2.5y 5/4) moist fine sandy light clay; weak structure; common (10-20%) mottles; non-repellent. Layer 66-83cm EC (dS/m) 0.355; pH 8.04.
3BCb	83 - 108cm	Brownish yellow (10YR 6/8) moist clayey fine sand; massive structure; common (10-20%) mottles; non-repellent. Layer 83-108cm EC (dS/m) 1.427; pH 8.1.
3C1b	108 - 133cm	Yellow (10YR 7/8) moist clayey fine sand; massive structure; few (2-10%) mottles; few (2-10%), fine (<2mm), ferruginous laminae; non-repellent. Layer 108- 133cm EC (dS/m) 1.22; pH 8.02.
4C2b	133 - 155cm	Light grey (5y 7/1) moist fine sandy light clay; massive structure; very few (<2%) mottles; non-repellent. Layer 133-155cm EC (dS/m) 1.873; pH 7.8.