

**Site Information**

**Easting:** 529881  
**Northing:** 5380185  
**Describer:** R Moreton  
**Date:** 23-Mar-2017

**Runoff:** Very slow  
**Permeability:** Slowly permeable  
**Drainage:** Poorly drained  
**Land Capability:** 5  
**Observation Type:** Undisturbed soil core

**Depth to Watertable (m):** No Data  
**Depth to Substrate (m):** No Data  
**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:** 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

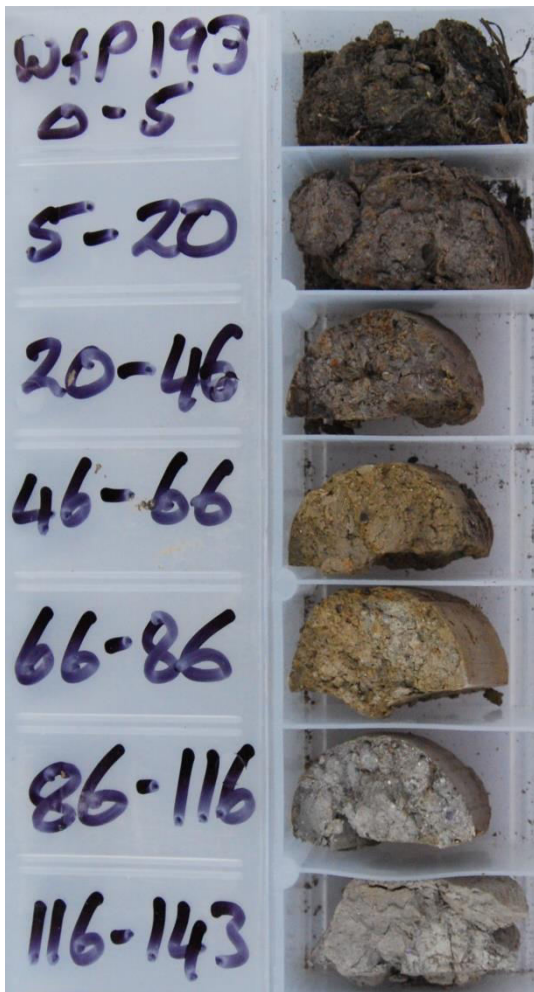
**Inundation Frequency:** No Data  
**Rainfall:** No Data  
**Erosion:** No Data

**Aspect:** No Data  
**Elevation:** No Data

**Soil Classification**

**Australian Soil Classification:** Brown Dermosol  
**ASC Confidence:** No analytical data and little or no knowledge of this soil.  
**Soil Name:**

**Morphological Description**



Horizon	Depth	Description
A1	0 - 20cm	Very dark brown (10YR 2/2) moist clay loam; strong, 5-10 mm structure; common (10-20%) mottles; non-repellent. Layer 0-5cm EC (dS/m) 0.361; pH 4.79; Layer 5- 20cm EC (dS/m) 0.392; pH 4.93.
B21	20 - 46cm	Very dark greyish brown (10YR 3/2) moist light clay; moderate, 10-20 mm structure; common (10-20%) mottles; non-repellent. Layer 20- 46cm EC (dS/m) 0.399; pH 6.65.
B22	46 - 86cm	Dark olive brown (2.5Y 3/3) moist light clay; weak, 20-50 mm structure; few (2-10%) mottles; non-repellent. Layer 46- 66cm EC (dS/m) 0.459; pH 7.54; Layer 66- 86cm EC (dS/m) 0.356; pH 7.65.
B3	86 - 116cm	Very dark greyish brown (2.5Y 3/2) moist light clay; weak, 20-50 mm structure; few (2-10%) mottles; non-repellent. Layer 86- 116cm EC (dS/m) 0.327; pH 7.49.
BC	116 - 143cm	Dark grey (2.5Y 4/1) moist light medium clay; massive structure; very few (<2%) mottles; very few (<2%), fine gravelly (2-6mm); non-repellent. Layer 116- 143cm EC (dS/m) 1.838; pH 7.51.