

**Site Information**

**Easting:** 525109  
**Northing:** 5387934  
**Describer:** R Moreton  
**Date:** 15-Feb-2017

**Runoff:** 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:** Level (<1%)  
**Element Morph. Type:** Flat  
**Element Type:** Plain

**Landform Pattern (300m radius)**  
**Pattern Type:** Alluvial plain  
**Pattern Slope Class:** Very gently sloped (1-  
**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 - 7cm	Very dark greyish brown (10YR 3/2) moist clay loam; strong, 5-10mm structure; very few (<2%) mottles; very few (<2%), coarse gravelly (20-60mm); non-repellent. Layer 0- 5cm EC (dS/m) 0.108; pH 5.61.
A3	7 - 14cm	Very dark brown (10YR 2/2) moist clay loam; strong, 10-20mm structure; very few (<2%) mottles; very few (<2%), coarse gravelly (20-60mm); non-repellent. Layer 7- 14cm EC (dS/m) 0.088; pH 5.55.
B1	14 - 30cm	Brown (10YR 4/3) moist fine sandy clay loam; weak, 20-50mm structure; common (10-20%) mottles; few (<10% of ped faces or walls coated), distinct clay skins; few (2-10%), fine (<2mm), ferromanganiferous nodules; non-repellent. Layer 14- 30cm EC (dS/m) 0.061; pH 5.74.
B21	30 - 43cm	Brown (10YR 4/3) moist light clay; moderate structure; common (10-20%) mottles; common (10-20%), medium (2-6mm), ferromanganiferous nodules; non-repellent. Layer 30- 43cm EC (dS/m) 0.09; pH 5.88.
B22	43 - 73cm	Yellowish brown (10YR 5/6) moist fine sandy light clay; massive structure; common (10-20%) mottles; common (10-20%), medium (2-6mm), ferromanganiferous nodules; common (10-20%), coarse gravelly (20-60mm); non-repellent. Layer 43- 73cm EC (dS/m) 0.098; pH 6.12.
C	73 - 103cm	Strong brown (7.5YR 4/6) moist sandy light clay; massive structure; common (10-20%) mottles; common (10-20%), medium (2-6mm), ferromanganiferous nodules; common (10-20%), coarse gravelly (20-60mm); non-repellent. Layer 73- 103cm EC (dS/m) 0.096; pH 6.6.