

**Site Information**

**Easting:** 542687  
**Northing:** 5359862  
**Describer:** R Moreton  
**Date:** 06-Dec-2016

**Runoff:** Moderately rapid  
**Permeability:** Moderately permeable  
**Drainage:** Moderately well drained  
**Land Capability:** 4  
**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:** Gently inclined (3-10%)  
**Element Morph. Type:** Flat  
**Element Type:** Plain

**Landform Pattern (300m radius)**

**Pattern Type:** Alluvial plain  
**Pattern Slope Class:** Gently inclined (3-10%)  
**Pattern Relief Class:** Extremely low (<9m)  
**Relief Modal Slope:** Undulating plain

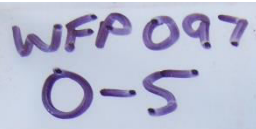
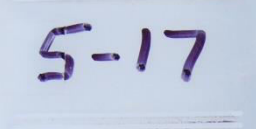
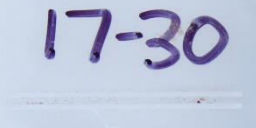

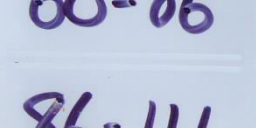
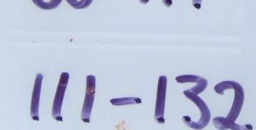
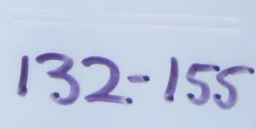
**Inundation Frequency:** No Data  
**Rainfall:** No Data  
**Erosion:** No Data

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

**Soil Classification**

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

**Morphological Description**

	Horizon	Depth	Description
	A1	0 - 17cm	Dark reddish brown (2.5YR 2.5/4) moist sandy clay loam; strong structure; no mottles; few (2-10%), medium gravelly (6-20mm). Layer 0- 5 cm EC (dS/m) 0.095; pH 5.53; Layer 5- 17 cm EC (dS/m) 0.091; pH 5.5.
			
	A3	17 - 30cm	Dark reddish brown (2.5YR 3/4) moist sandy clay loam; moderate structure; no mottles; few (2-10%), medium (2-6mm), ferromanganiferous nodules; few (2-10%), medium gravelly (6-20mm). Layer 17- 30 cm EC (dS/m) 0.09; pH 5.88.
	B21	30 - 60cm	Dark red (2.5YR 3/6) moist medium clay; moderate structure; no mottles; very few (<2%), medium (2-6mm), ferromanganiferous nodules; very few (<2%), medium gravelly (6-20mm). Layer 30- 60 cm EC (dS/m) 0.131; pH 6.59.
	B22	60 - 86cm	Dark reddish brown (2.5YR 3/4) moist light medium clay; moderate structure; very few (<2%) mottles; few (2-10%), medium (2-6mm), ferromanganiferous nodules; few (2-10%), medium gravelly (6-20mm). Layer 60- 86 cm EC (dS/m) 0.219; pH 6.85.
	B3	86 - 111cm	Dark reddish brown (2.5YR 3/4) moist medium clay; massive structure; few (2-10%) mottles. Layer 86- 111 cm EC (dS/m) 0.249; pH 7.02.
	BC	111 - 155cm	Brown (7.5YR 4/4) moist medium clay; massive structure; common (10-20%) mottles. Layer 111- 132 cm EC (dS/m) 0.197; pH 7.09; Layer 132- 155 cm EC (dS/m) 0.312; pH 7.11.
