

**Site Information**

**Easting:** 523067  
**Northing:** 5392729  
**Describer:** R Moreton  
**Date:** 14-Feb-2017

**Runoff:** Very slow  
**Permeability:** Very 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**

Land form Element (20m radius)

**Element Slope Class:** Very gently sloped (1-3%)  
**Element Morph. Type:** Open depression (vale)  
**Element Type:** Drainage depression

Land form 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:** Redoxic Hydrosol  
**ASC Confidence:** No analytical data and little or no knowledge of this soil.  
**Soil Name:**

**Morphological Description**

Horizon	Depth	Description
A1	0 - 8cm	Black (10yr 2/1) moist; very dark greyish brown (10yr 3/2) dry fine sandy clay loam; moderate, 5-10 mm structure; few (2-10%) mottles; non-repellent. Layer 0- 5cm ec 0.546; ph 5.8.
A3	8 - 38cm	Very dark greyish brown (10yr 3/2) moist sandy clay loam; massive structure; common (10-20%) mottles; common (10-20%), medium (2-6mm), manganiferous soft segregations; non-repellent. Layer 8- 38cm ec 0.312; ph 6.88.
B1	38 - 50cm	Very dark greyish brown (10yr 3/2) moist light clay; massive structure; common (10-20%) mottles; non-repellent. Layer 38-50cm ec 0.528; ph 7.2.
B21	50 - 78cm	Dark yellowish brown (10yr 4/6) moist light clay; massive structure; common (10-20%) mottles; non-repellent. Layer 50-78cm ec 0.625; ph 7.31.
B22	78 - 108cm	Dark brown (10yr 3/3) moist light medium clay; massive structure; common (10-20%) mottles; few (<10% of ped faces or walls coated), distinct clay skins; non-repellent. Layer 78-108cm ec 1.667; ph 7.04.
B3	108 - 155cm	Greyish brown (2.5y 5/2) moist light medium clay; massive structure; common (10-20%) mottles; non-repellent. Layer 108- 131cm ec 1.693; ph 6.9; Layer 131- 155cm ec 1.078; ph 6.91.