

**Site Information**

**Easting:** 507845  
**Northing:** 5306931  
**Describer:** R Moreton  
**Date:** 14-Jun-2017

**Runoff:** Very slow  
**Permeability:** Slowly permeable  
**Drainage:** Imperfectly drained  
**Land Capability:** 4  
**Observation Type:** Undisturbed soil core

**Depth to Watertable (m):** No Data  
**Depth to Substrate (m):** 1.3  
**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:** Level (<1%)  
**Pattern Relief Class:** Extremely low (<9m)  
**Relief Modal Slope:** Level plain


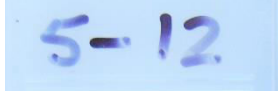




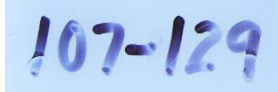
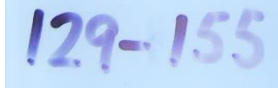
**Inundation Frequency:** No Data  
**Rainfall:** No Data  
**Erosion:** No Data

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

**Soil Classification**

**Australian Soil Classification:** Black Vertosol  
**ASC Confidence:** No analytical data are available but confidence is fair.  
**Soil Name:**

**Morphological Description**

	Horizon	Depth	Description
	A1	0 - 12cm	Black (5YR 2.5/1) moist clay loam; strong, 5-10mm structure; very few (<2%) mottles; non-repellent. Layer 0- 5cm EC (dS/m) 0.547; pH 5.78; Layer 5- 12cm EC (dS/m) 0.55; pH 6.02.
	B1	12 - 30cm	Very dark grey (10YR 3/1) moist light clay; strong, 10-20mm structure; few (2-10%) mottles; many (>50% of ped faces or walls coated), distinct slicken sides; non-repellent. Layer 12-30cm EC (dS/m) 2.24; pH 7.37.
	B2	30 - 55cm	Dark greyish brown (10YR 4/2) moist light medium clay; strong, 20-50mm structure; few (2-10%) mottles; many (>50% of ped faces or walls coated), prominent slicken sides; non-repellent. Layer 30- 55cm EC (dS/m) 3.09; pH 7.74.
	B3	55 - 84cm	Very dark grey (10YR 3/1) moist light clay; massive structure; common (10-20%) mottles; non-repellent. Layer 55- 84cm EC (dS/m) 2.69; pH 7.78.
	BC	84 - 129cm	Olive brown (2.5Y 4/4) moist light clay; massive structure; common (10-20%) mottles; few (2-10%), medium gravelly (6-20mm); non-repellent. Layer 84- 107cm EC (dS/m) 1.913; pH 7.95; Layer 107- 129cm EC (dS/m) 1.043; pH 8.06.
			
			
	2C	129 - 155cm	Light olive grey (5Y 6/2) moist sandy light clay; massive structure; common (10-20%) mottles; few (2-10%), medium (2-6mm), manganiferous soft segregations; non-repellent. Layer 129- 155cm EC (dS/m) 0.683; pH 8.12.