

**Site Information**

**Easting:** 523599  
**Northing:** 5383904  
**Describer:** R Moreton  
**Date:** 03-Mar-2017

**Runoff:** Slow  
**Permeability:** Slowly 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:** Lower-slope  
**Element Type:** Riseslope

**Landform Pattern (300m radius)**

**Pattern Type:** Rises  
**Pattern Slope Class:** Gently inclined (3-10%)  
**Pattern Relief Class:** Very low (9-30m)  
**Relief Modal Slope:** Undulating rises

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

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

**Soil Classification**

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

**Morphological Description**

	Horizon	Depth	Description
WFP233 0-5	A1	0 - 12cm	Very dark brown (10YR 2/2) moist; pale brown (10YR 6/3) dry sandy loam; moderate, 2-5 mm structure; no mottles; strongly water repellent. Layer 0- 5cm EC (dS/m) 0.273; pH 5.88; Layer 5- 12cm EC (dS/m) 0.26; pH 5.56.
5-12	A21	12 - 22cm	Very dark greyish brown (10YR 3/2) moist; greyish brown (10YR 5/2) dry fine sandy loam; single grain structure; no mottles; weakly cemented, densipan pan; strongly water repellent. Layer 12- 22cm EC (dS/m) 0.081; pH 5.26.
12-22	A22	22 - 45cm	Brown (10YR 5/3) moist; light grey (10YR 7/2) dry clayey fine sand; massive structure; no mottles; few (2-10%), medium (2-6mm), ferromanganiferous nodules; few (2-10%), fine gravelly (2-6mm); non-repellent. Layer 22- 45cm EC (dS/m) 0.062; pH 6.04.
22-45	B2	45 - 90cm	Brownish yellow (10YR 6/6) moist light medium clay; massive structure; common (10-20%) mottles; non-repellent. Layer 45- 67cm EC (dS/m) 0.449; pH 6.54; Layer 67- 90cm EC (dS/m) 0.477; pH 6.97.
45-67			
67-90	B3	90 - 115cm	Yellowish brown (10YR 5/6) moist medium clay; massive structure; common (10-20%) mottles; non-repellent. Layer 90- 115cm EC (dS/m) 0.544; pH 7.02.
90-115			
115-133	BC	115 - 133cm	Light brownish grey (10YR 6/2) moist fine sandy medium clay; massive structure; common (10-20%) mottles; non-repellent. Layer 115- 133cm EC (dS/m) 0.502; pH 7.11.