

**Site Information**

**Easting:** 533490  
**Northing:** 5377745  
**Describer:** R Moreton  
**Date:** 23-Mar-2017

**Runoff:** Slow  
**Permeability:** Moderately permeable  
**Drainage:** Imperfectly 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:** Very gently sloped (1-3%)  
**Element Morph. Type:** Upper-slope  
**Element Type:** Hillcrest

**Landform Pattern (300m radius)**

**Pattern Type:** Low hills  
**Pattern Slope Class:** Gently inclined (3-10%)  
**Pattern Relief Class:** Low (30-90m)  
**Relief Modal Slope:** Undulating low hills

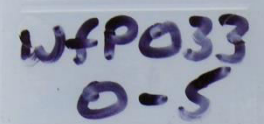
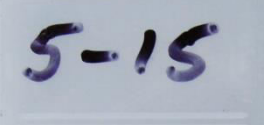
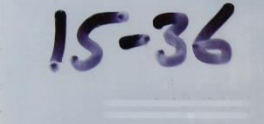
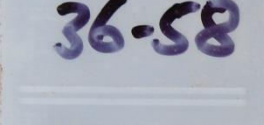




**Inundation Frequency:** No Data  
**Rainfall:** No Data  
**Erosion:** No Data

**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
	A11	0 - 15cm	Dark brown (10YR 3/3) moist, brown (10YR 4/3) dry, fine sandy clay loam; weak, 2-5mm weak structure; no mottles; non-repellent. Layer 0cm - 5cm EC (dS/m) 0.153; pH 6.22; Layer 5cm - 15cm EC (dS/m) 0.116; pH 4.92.
			
	A12	15 - 36cm	Dark yellowish brown (10YR 3/4) moist, brown (10YR 5/3) dry, fine sandy loam; massive structure; very few (<2%) mottles; non-repellent. Layer 15cm - 36cm EC (dS/m) 0.072; pH 4.86.
			
	B1	36 - 82cm	Dark yellowish brown (10YR 4/6) moist, light yellowish brown (10YR 6/4) dry, clayey fine sand; massive structure; very few (<2%) mottles; weakly cemented, duripan pan; non-repellent. Layer 36cm - 58cm EC (dS/m) 0.039; pH 6.59; Layer 58cm - 82cm EC (dS/m) 0.031; pH 7.53.
	B2	82 - 110cm	Dark yellowish brown (10YR 4/6) moist, sandy light clay; massive structure; very few (<2%) mottles; few (2-10%), medium (2-6mm), manganiferous soft segregations; non-repellent. Layer 82cm - 110cm EC (dS/m) 0.126; pH 8.23.
	2B3	110 - 140cm	Light olive brown (2.5y 5/3) moist, light clay; massive structure; few (2-10%) mottles; non-repellent. Layer 110cm - 140cm EC (dS/m) 0.429; pH 7.68.
	2BC	140 - 155cm	Greyish brown (2.5y 5/2) moist, light medium clay; massive structure; few (2-10%) mottles; non-repellent. Layer 140cm - 155cm EC (dS/m) 0.373; pH 7.59.