

**Site Information**

**Easting:** 509774  
**Northing:** 5400240  
**Describer:** R Moreton  
**Date:** 11-May-2016

**Runoff:** Moderately rapid  
**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:** Ridge  
**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

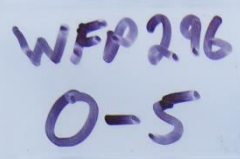

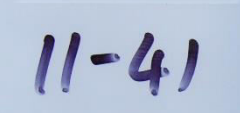
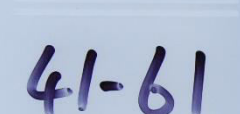



**Inundation Frequency:** No Data  
**Rainfall:** No Data  
**Erosion:** No Data

**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 - 11cm	Very dark greyish brown (10YR 3/2) moist sandy clay loam; moderate, 2-5mm subangular blocky structure; no mottles. Layer 0- 5cm EC (ds/m) 1.606; pH 6.09; Layer 5- 11cm EC (ds/m) 0.186; pH 6.03.
			
	A12	11 - 41cm	Dark brown (10YR 3/3) moist sandy clay loam; strong, 5-10mm subangular blocky structure; no mottles; few (2-10%), fine gravelly (2-6mm). Layer 11- 41cm EC (ds/m) 0.103; pH 6.26.
	A2	41 - 61cm	Yellowish brown (10YR 5/4) moist; yellow (2.5y 7/5) dry loamy sand; massive structure; no mottles; strongly cemented, silcrete pan; common (10-20%), fine gravelly (2-6mm). Layer 41- 61cm EC (ds/m) 0.107; pH 6.85.
	B1	61 - 90cm	Dark yellowish brown (10YR 4/4) moist; light olive brown (2.5y 5/4) dry light clay; massive structure; few (2-10%) mottles. Layer 61- 90cm EC (ds/m) 0.155; pH 7.88.
	B2	90 - 120cm	Yellowish brown (10YR 5/4) moist; brownish yellow (10YR 6/6) dry light clay; massive structure; common (10-20%) mottles. Layer 90- 120cm EC (ds/m) 0.135; pH 8.27.
	B3	120 - 150cm	Dark greyish brown (10YR 4/2) moist medium clay; massive structure; common (10-20%) mottles. Layer 120- 150cm EC (ds/m) 0.507; pH 7.86.