

**Site Information**

**Easting:** 524192  
**Northing:** 5403820  
**Describer:** R Moreton  
**Date:** 16-Mar-2017

**Runoff:** Rapid  
**Permeability:** Slowly permeable  
**Drainage:** Well drained  
**Land Capability:** 4  
**Observation Type:** Undisturbed soil core

**Depth to Watertable:** No Data  
**Depth to Substrate:** 1.17 m  
**Surface Coarse Fragments:** No surface coarse fragments

**Land Form Information**

**Landform Element (20m radius)**

**Element Slope Class:** Gently inclined (3-10%)  
**Element Morph. Type:** Upper-slope  
**Element Type:** Hillslope

**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



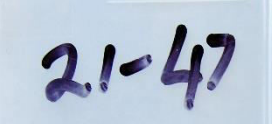

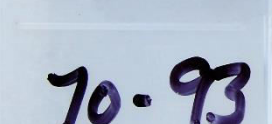


**Inundation Frequency:** No Data  
**Rainfall:** No Data  
**Erosion:** No Data

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

**Soil Classification**

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

**Morphological Description**

	Horizon	Depth	Description
	A1	0 - 21cm	Dark brown (7.5YR 3/2) moist; brown (7.5YR 4/2) dry clay loam; moderate, 5-10mm structure; no mottles; very few (<2%), medium (2-6mm), ferromanganiferous nodules; non-repellent. Layer 0- 5cm EC (dS/m) 0.187; pH 5.57; Layer 5- 21cm EC (dS/m) 0.103; pH 5.67.
			
	B21	21 - 47cm	Dark brown (10YR 3/3) moist light medium clay; strong, 10-20mm structure; few (2-10%) mottles; few (2-10%), medium (2-6mm), ferromanganiferous nodules; non-repellent. Layer 21- 47cm EC (dS/m) 0.47; pH 6.07.
	B22	47 - 70cm	Dark yellowish brown (10YR 3/4) moist medium clay; strong, 10-20mm structure; few (2-10%) mottles; non-repellent. Layer 47- 70cm EC (dS/m) 1.24; pH 6.76.
	BC	70 - 117cm	Dark greyish brown (10YR 4/2) moist light clay; massive structure; common (10-20%) mottles; few (2-10%), coarse gravelly (20-60mm); non-repellent. Layer 70- 93cm EC (dS/m) 0.202; pH 7.05; Layer 93- 117cm EC (dS/m) 1.782; pH 6.75.
			
	C	117 - 143cm	Brown (10YR 4/3) moist sandy clay loam; massive structure; common (10-20%) mottles; non-repellent. Layer 117- 143cm EC (dS/m) 1.164; pH 5.72.