

**Site Information**

**Easting:** 522887  
**Northing:** 5415443  
**Describer:** R Moreton  
**Date:** 09-May-2017

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

**Depth to Watertable (m):** No Data  
**Depth to Substrate (m):** 0.5  
**Surface Coarse Fragments:** Very few (<2%), Cobbly (60-200mm), Basalt

**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:** Hills  
**Pattern Slope Class:** Moderately inclined (10-32%)  
**Pattern Relief Class:** Low (30-90m)  
**Relief Modal Slope:** Rolling low hills


**Inundation Frequency:** No Data  
**Rainfall:** No Data  
**Erosion:** Partially stabilised, Minor sheet erosion

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

**Soil Classification**

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

**Morphological Description**

	Horizon	Depth	Description
	A11	0 - 13cm	Dark reddish brown (5YR 3/3) moist clay loam; strong, 2-5mm structure; no mottles; non-repellent. Layer 0- 5cm EC (dS/m) 0.179; pH 5.84; Layer 5- 13cm EC (dS/m) 0.201; pH 5.94.
	A12	13 - 30cm	Dark reddish brown (2.5YR 3/3) moist clay loam; strong, 5-10mm structure; no mottles; few (2-10%), medium gravelly (6-20mm); non-repellent. Layer 13- 30cm EC (dS/m) 0.134; pH 6.05.
	B2	30 - 50cm	Dark reddish brown (2.5YR 3/4) moist clay loam; strong, 10-20mm structure; few (2-10%) mottles; very few (<2%), medium (2-6mm), ferromanganiferous soft segregations; few (2-10%), medium gravelly (6-20mm); non-repellent. Layer 30-50cm EC (dS/m) 0.12; pH 5.91.
	BC1	50 - 80cm	Dark reddish brown (2.5YR 2.5/4) moist light clay; massive structure; common (10-20%) mottles; very few (<2%), medium (2-6mm), ferromanganiferous soft segregations; common (10-20%), cobbly (60-200mm); non-repellent. Layer 50- 80cm EC (dS/m) 0.343; pH 6.0.
	BC2	80 - 110cm	Dark reddish brown (2.5YR 2.5/4) moist light clay; massive structure; common (10-20%) mottles; very few (<2%), medium (2-6mm), ferromanganiferous soft segregations; common (10-20%), cobbly (60-200mm); non-repellent. Layer 80- 110cm EC (dS/m) 0.129; pH 6.27.