

**Site Information**

**Easting:** 538251  
**Northing:** 5375339  
**Describer:** R Moreton  
**Date:** 30-Mar-2017

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

**Depth to Watertable (m):** No Data  
**Depth to Substrate (m):** 0.75  
 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:** Moderately inclined (10-32%)  
**Pattern Relief Class:** Low (30-90m)  
**Relief Modal Slope:** Rolling 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
A1	0 - 13cm	Dark reddish brown (5YR 3/2) moist, dark yellowish brown (10YR 4/4) dry, sandy clay loam; moderate, 2-5 mm structure; no mottles; strongly water repellent. Layer 0cm - 5cm EC (dS/m) 0.181; pH 5.41; Layer 5cm - 13cm EC (dS/m) 0.216; pH 4.96.
A21	13 - 30cm	Dark brown (7.5YR 3/4) moist, brown (7.5YR 4/3) dry, fine sandy clay loam; moderate, 2-5 mm structure; no mottles; few (2-10%), coarse gravelly (20-60mm); non-repellent. Layer 13cm - 30cm EC (dS/m) 0.126; pH 4.79; Layer 30cm - 48cm EC (dS/m) 0.062; pH 6.44.
A22	30 - 48cm	Strong brown (7.5YR 4/6) moist, light yellowish brown (10YR 6/4) dry, fine sandy clay loam; single grain structure; no mottles; common (10-20%), medium (2-6mm), ferromanganiferous nodules; few (2-10%), medium gravelly (6-20mm); non-repellent. Layer 30cm - 48cm EC (dS/m) 0.062; pH 6.44; Layer 48cm - 75cm EC (dS/m) 0.152; pH 6.49.
BC	48 - 75cm	Dark yellowish brown (10YR 4/4) moist, brown (10YR 5/3) dry, sandy light clay; massive structure; common (10-20%) mottles; few (2-10%), coarse (6-20mm), ferromanganiferous nodules; common (10-20%), coarse gravelly (20-60mm); non-repellent. Layer 48cm - 75cm EC (dS/m) 0.152; pH 6.49.
R	75 - 76cm	Rock.