

**Site Information**

**Easting:** 540526  
**Northing:** 5374233  
**Describer:** R Moreton  
**Date:** 05-Apr-2017

**Runoff:** Moderately rapid  
**Permeability:** Moderately permeable  
**Drainage:** Moderately well 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:** Lower-slope  
**Element Type:** Footslope

**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
A1	0 - 12cm	Brown (10YR 4/3) moist, yellowish brown (10YR 5/4) dry, loamy sand; weak, 5-10mm structure; no mottles; non-repellent. Layer 0cm - 5cm EC (dS/m) 0.082; pH 5.75; Layer 5cm - 12cm EC (dS/m) 0.071; pH 5.7.
A21	12 - 30cm	Dark brown (7.5YR 3/4) moist, dark yellowish brown (10YR 4/4) dry, clayey sand; massive structure; no mottles; weakly cemented, densipan pan; non-repellent. Layer 12cm - 30cm EC (dS/m) 0.028; pH 6.22.
A22	30 - 60cm	Yellowish brown (10YR 5/6) moist, light yellowish brown (10YR 6/4) dry, clayey sand; massive structure; no mottles; weakly cemented, densipan pan; non-repellent. Layer 30cm - 60cm EC (dS/m) 0.032; pH 7.0.
2B21	60 - 90cm	Light olive brown (2.5Y 5/3) moist, sandy light clay; massive structure; few (2-10%) mottles; non-repellent. Layer 60cm - 90cm EC (dS/m) 0.227; pH 6.79.
2B22	90 - 120cm	Light olive brown (2.5Y 5/4) moist, sandy light medium clay; massive structure; few (2-10%) mottles; non-repellent. Layer 90cm - 120cm EC (dS/m) 0.275; pH 6.99.