

**Site Information**

**Easting:** 516460  
**Northing:** 5292826  
**Describer:** Chris Grose  
**Date:** 15-Jun-0217

**Runoff:** Moderately rapid  
**Permeability:** Highly permeable  
**Drainage:** Well drained  
**Land Capability:** 5  
**Observation Type:** Undisturbed soil core

**Depth to Watertable (m):** No Data  
**Depth to Substrate (m):** 0.99  
**Surface Coarse Fragments:** No surface coarse fragments

**Land Form Information**

**Landform Element (20m radius)**

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

**Landform Pattern (300m radius)**

**Pattern Type:** Low hills  
**Pattern Slope Class:** Moderately inclined (10-  
**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-Orthic Tenosol  
**ASC Confidence:** No analytical data and little or no knowledge of this soil.  
**Soil Name:**

**Morphological Description**

Horizon	Depth	Description
A11	0 - 12cm	Dark brown (10YR 3/3) moist; brown (10YR 4/3) dry loamy sand; single grain structure; no mottles; water repellent. Layer 0- 5cm EC (dS/m) 0.11; pH 5.43; Layer 5- 12cm EC (dS/m) 0.13; pH 4.99.
A12	12 - 20cm	Dark yellowish brown (10YR 3/4) moist; dark yellowish brown (10YR 4/4) dry loamy sand; single grain structure; no mottles; water repellent. Layer 12- 20cm EC (dS/m) 0.116; pH 5.08.
A2	20 - 70cm	Yellowish brown (10YR 5/4) moist; light yellowish brown (10YR 6/4) dry fine sand; single grain structure; no mottles; water repellent. Layer 20- 45cm EC (dS/m) 0.07; pH 5.24; Layer 45- 70cm EC (dS/m) 0.064; pH 6.06.
B2	70 - 99cm	Yellowish brown (10YR 5/6) moist loamy sand; no mottles; non-repellent. Layer 70- 99cm EC (dS/m) 0.067; pH 7.07.
C1	99 - 128cm	Yellowish brown (10YR 5/4) moist; light yellowish brown (10YR 6/4) dry sand; single grain structure; no mottles; non-repellent. Layer 99- 128cm EC (dS/m) 0.035; pH 7.2.
C2	128 - 148cm	Yellowish brown (10YR 5/6) moist loamy sand; no mottles; non-repellent. Layer 128- 140cm EC (dS/m) 0.058; pH 7.27.