

**Site Information**

**Easting:** 515977  
**Northing:** 5300211  
**Describer:** Chris Grose  
**Date:** 08-Jun-2017

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

**Depth to Watertable (m):** No Data  
**Depth to Substrate (m):** 0.53  
**Surface Coarse Fragments:** Very few (<2%), Cobbly (60-200mm)

**Land Form Information**

**Landform Element (20m radius)**

**Element Slope Class:** Moderately inclined (10-32%)  
**Element Morph. Type:** Mid-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:** Active, Moderate tunnel erosion

**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
A1	0 - 17cm	Dark brown (10YR 3/3) moist sandy loam; weak structure; no mottles; water repellent. Layer 0- 5cm EC (dS/m) 0.084; pH 5.3; Layer 5- 17cm EC (dS/m) 0.06; pH 5.38.
B1	17 - 32cm	Dark yellowish brown (10YR 3/4) fine sandy loam; weak structure; no mottles; water repellent. Layer 17- 32cm EC (dS/m) 0.063; pH 5.65.
B2	32 - 53cm	Yellowish brown (10YR 5/4) fine loamy sand; single grain structure; no mottles; many (20-50%), medium gravelly (6-20mm); non-repellent. Layer 32- 53cm EC (dS/m) 0.048; pH 6.07.
C	53 - 81cm	Yellowish brown (10YR 5/4) fine loamy sand; common (10-20%) mottles; abundant (50-90%), coarse gravelly (20-60mm); non-repellent. Layer 53- 81cm EC (dS/m) 6.173; pH 5.46.
R	81 - 110cm	Rock. Very abundant (>90%), medium gravelly (6-20mm).
D	110 - 142	Dark greyish brown (2.5Y 4/2) moist, medium clay; massive structure; common (10-20%) mottles; non-repellent. Layer 110-142cm EC (dS/m) 0.915; pH 4.19.
2R	142 - 150	Rock. Very abundant (>90%), medium gravelly (6-20mm).