

**Site Information**

**Easting:** 544181  
**Northing:** 5347379  
**Describer:** Chris Grose  
**Date:** 01-Mar-2017

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

**Depth to Watertable (m):** No Data  
**Depth to Substrate (m):** 1.09  
**Surface Coarse Fragments:** No surface coarse fragments

**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:** No Data

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

**Soil Classification**

**Australian Soil Classification:** Brown Dermosol  
**ASC Confidence:** No analytical data and little or no knowledge of this soil.  
**Soil Name:**

**Morphological Description**

Horizon	Depth	Description
A1	0 - 13cm	Very dark greyish brown (10YR 3/2) moist; dark greyish brown (10YR 4/2) dry clay loam; strong structure; no mottles; few (2-10%), coarse gravelly (20-60mm); non-repellent. Layer 0- 5cm EC (dS/m) 0.217; pH 6.2; Layer 5- 13cm EC (dS/m) 0.366; pH 6.14.
B21	13 - 44cm	Dark brown (10YR 3/3) moist heavy clay; strong structure; no mottles; common (10-50% of ped faces or walls coated), distinct stress cutans; very few (<2%), fine (<2mm), calcareous soft segregations; few (2-10%), medium gravelly (6-20mm); non-repellent. Layer 13- 44cm EC (dS/m) 0.534; pH 8.37.
B22k	44 - 84cm	Olive brown (2.5Y 4/3) moist heavy clay; moderate structure; no mottles; common (10-50% of ped faces or walls coated), distinct stress cutans; many (20-50%), coarse (6-20mm), calcareous soft segregations; very few (<2%), medium gravelly (6-20mm); non-repellent. Layer 44- 64cm EC (dS/m) 0.491; pH 8.95; Layer 64- 84cm EC (dS/m) 0.675; pH 9.09.
B3k	84 - 109cm	Light yellowish brown (10YR 6/4) moist sandy medium clay; few (2-10%) mottles; common (10-20%), coarse (6-20mm), calcareous soft segregations; non-repellent. Layer 84- 109cm EC (dS/m) 0.663; pH 9.13.
BC	109 - 156cm	Yellow (10YR 7/6) moist fine sandy medium clay; few (2-10%) mottles; few (2-10%), coarse (6-20mm), calcareous soft segregations; non-repellent. Layer 109- 133cm EC (dS/m) 0.602; pH 9.34; Layer 133- 156cm EC (dS/m) 0.631; pH 9.42.