

**Site Information**

**Easting:** 535536  
**Northing:** 5374871  
**Describer:** Chris Grose  
**Date:** 05-Apr-2017

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

**Depth to Watertable (m):** No Data  
**Depth to Substrate (m):** 0.64  
**Surface Coarse Fragments:** Very few (<2%), Stony (200-600mm), Dolerite

**Land Form Information**

**Landform Element (20m radius)**

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

**Landform Pattern (300m radius)**

**Pattern Type:** Hills  
**Pattern Slope Class:** Steep (32-56%)  
**Pattern Relief Class:** High (90-300m)  
**Relief Modal Slope:** Steep 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 - 14cm	Very dark brown (10YR 2/2) moist; dark greyish brown (10YR 4/2) dry clay loam; moderate, 5-10 mm structure; few (2-10%) mottles; very few (<2%), medium gravelly (6-20mm); non-repellent. Layer 0- 5cm EC (dS/m) 0.291; pH 5.22; Layer 5-14cm EC (dS/m) 0.108; pH 5.34.
B2	14 - 44cm	Very dark greyish brown (10YR 3/2) moist light clay; moderate, 20-50 mm structure; common (10-20%) mottles; few (<10% of ped faces or walls coated), distinct clay skins; few (2-10%), medium (2-6mm), manganiferous soft segregations; very few (<2%), coarse gravelly (20-60mm); non-repellent. Layer 14-44cm EC (dS/m) 0.303; pH 6.67.
BC	44 - 64cm	Very dark greyish brown (2.5y 3/2) moist sandy light clay; moderate, 50-100 mm structure; common (10-20%) mottles; common (10-50% of ped faces or walls coated), distinct clay skins; common (10-20%), coarse gravelly (20-60mm); non-repellent. Layer 44- 64cm EC (dS/m) 0.596; pH 8.24.
C/R	64 - 80cm	Light olive brown (2.5y 5/4) moist medium clay; massive structure; common (10-20%) mottles; many (20-50%), coarse gravelly (20-60mm); non-repellent.
R	80 - 81cm	Rock