

**Site Information**

**Easting:** 502338  
**Northing:** 5302400  
**Describer:** R Moreton  
**Date:** 14-Jun-2017

**Runoff:** Slow  
**Permeability:** Slowly 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:** Few (2-10%), Cobbly (60-200mm), Dolerite

**Land Form Information**

**Landform Element (20m radius)**  
**Element Slope Class:** Very gently sloped (1-3%)  
**Element Morph. Type:** Lower-slope  
**Element Type:** Hillslope

**Landform Pattern (300m radius)**  
**Pattern Type:** Hills  
**Pattern Slope Class:** Gently inclined (3-10%)  
**Pattern Relief Class:** High (90-300m)  
**Relief Modal Slope:** Undulating 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 are available but confidence is fair.  
**Soil Name:** Eastfield

**Morphological Description**



Horizon	Depth	Description
A1	0 - 17cm	Dark brown (10YR 3/3) moist clay loam; moderate, 2-5mm structure; no mottles; few (2-10%), medium gravelly (6-20mm); non-repellent. Layer 0- 5cm EC (dS/m) 0.154; pH 5.3; Layer 5- 17cm EC (dS/m) 0.216; pH 5.16.
B2	17 - 38cm	Brown (10YR 4/3) moist medium clay; strong, 20-50mm structure; common (10-20%) mottles; few (<10% of ped faces or walls coated), distinct clay skins; few (2-10%), medium gravelly (6-20mm); non-repellent. Layer 17- 38cm EC (dS/m) 0.291; pH 6.31.
B3	38 - 70cm	Light olive brown (2.Y 5/3) moist light medium clay; massive structure; common (10-20%) mottles; common (10-20%), medium (2-6mm), manganiferous soft segregations; few (2-10%), coarse gravelly (20-60mm); non-repellent. Layer 38-70cm EC (dS/m) 0.239; pH 7.46.
BC1	70 - 120cm	Olive yellow (2.5Y 6/6) moist light medium clay; massive structure; common (10-20%) mottles; common (10-20%), medium (2-6mm), manganiferous soft segregations; common (10-20%), medium gravelly (6-20mm); non-repellent. Layer 70-95cm EC (dS/m) 0.422; pH 8.27; Layer 95- 120cm EC (dS/m) 0.101; pH 8.41.
BC2	120 - 140cm	Light olive brown (2.5Y 5/4) moist sandy light medium clay; massive structure; common (10-20%) mottles; common (10-20%), medium (2-6mm), manganiferous soft segregations; common (10-20%), medium gravelly (6-20mm); non-repellent. Layer 120- 140cm EC (dS/m) 0.722; pH 8.29.