

**Site Information**

**Easting:** 380698  
**Northing:** 5464691  
**Describer:** R Moreton  
**Date:** 09-Nov-2017

**Runoff:** Moderately rapid  
**Permeability:** Moderately permeable  
**Drainage:** Moderately well drained  
**Land Capability:** 3  
**Observation Type:** Undisturbed soil core

**Depth to Watertable (m):** No Data  
**Depth to Substrate (m):** 1.1  
**Surface Coarse Fragments:** Very few (<2%), Medium gravelly (6-20mm), Basalt

**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:** Rises  
**Pattern Slope Class:** Moderately inclined (10-32%)  
**Pattern Relief Class:** Very low (9-30m)  
**Relief Modal Slope:** Rolling rises

**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:**

**Morphological Description**

Horizon	Depth	Description
Ap	0 - 24cm	Dark yellowish brown (10YR 4/4) moist clay loam; moderate, 10-20mm structure; few (2-10%) mottles; few (2-10%), fine gravelly (2-6mm); non-repellent. Layer 0- 5cm EC (dS/m) 0.263; pH 5.59; Layer 5- 24cm EC (dS/m) 0.206; pH 5.29.
B1	24 - 54cm	Strong brown (7.5YR 4/6) moist clay loam; moderate, 5-10mm structure; very few (<2%) mottles; very few (<2%), fine gravelly (2-6mm); non-repellent. Layer 24- 54cm EC (dS/m) 0.133; pH 5.03.
B21	54 - 80cm	Dark yellowish brown (10YR 4/6) moist light clay; moderate, 5-10mm structure; few (2-10%) mottles; very few (<2%), medium gravelly (6-20mm); non-repellent. Layer 54- 80cm EC (dS/m) 0.1; pH 4.27.
B22	80 - 110cm	Red (2.5YR 4/6) moist clay loam; moderate, 5-10mm structure; common (10-20%) mottles; common (10-20%), medium (2-6mm), ferromanganiferous nodules; common (10-20%), medium gravelly (6-20mm); non-repellent. Layer 80- 110cm EC (dS/m) 0.141; pH 4.18.
BC	110 - 140cm	Brownish yellow (10YR 6/6) moist light clay; massive structure; common (10-20%) mottles; common (10-20%), coarse (6-20mm), ferruginous-organic soft segregations; very few (<2%), fine gravelly (2-6mm); non-repellent. Layer 110- 140cm EC (dS/m) 0.142; pH 4.23.

