

**Site Information**

**Easting:** 380589  
**Northing:** 5464658  
**Describer:** R Moreton  
**Date:** 09-Nov-2017

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

**Depth to Watertable (m):** No Data  
**Depth to Substrate (m):** 1.1  
**Surface Coarse Fragments:** Few (2-10%), Cobbly (60-200mm), Basalt

**Land Form Information**

Landform Element (20m radius)

**Element Slope Class:** Gently inclined (3-10%)  
**Element Morph. Type:** Lower-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 are available but confidence is fair.  
**Soil Name:**

**Morphological Description**

Horizon	Depth	Description
Ap	0 - 20cm	Dark yellowish brown (10YR 3/4) moist clay loam; moderate, 10-20mm structure; very few (<2%) mottles; very few (<2%), fine gravelly (2-6mm); non-repellent. Layer 0- 5cm EC (dS/m) 0.302; pH 5.55; Layer 5- 20cm EC (dS/m) 0.313; pH 5.53.
B1	20 - 50cm	Dark yellowish brown (10YR 4/6) moist clay loam; moderate, 5-10mm structure; very few (<2%) mottles; very few (<2%), fine gravelly (2-6mm); non-repellent. Layer 20- 50cm EC (dS/m) 0.13; pH 4.35.
B21	50 - 65cm	Brownish yellow (10YR 6/8) moist light clay; moderate, 5-10mm structure; very few (<2%) mottles; few (2-10%), medium (2-6mm), ferromanganiferous nodules; non-repellent. Layer 50-65cm EC (dS/m) 0.133; pH 4.1.
B22	65 - 110cm	Yellowish brown (10YR 5/8) moist light clay; moderate, 10-20mm structure; few (2-10%) mottles; few (2-10%), medium (2-6mm), ferromanganiferous nodules; non-repellent. Layer 65-87cm EC (dS/m) 0.147; pH 4.09; Layer 87- 110cm EC (dS/m) 0.15; pH 4.06.
BC	110 - 140cm	Yellow (10YR 7/6) moist light clay; massive structure; few (2-10%) mottles; non-repellent. Layer 110- 140cm EC (dS/m) 0.15; pH 4.04.

