

**Site Information**

**Easting:** 438375  
**Northing:** 5438138  
**Describer:** R Moreton  
**Date:** 08-May-2017

**Runoff:** Moderately rapid  
**Permeability:** Moderately permeable  
**Drainage:** Moderately well drained  
**Land Capability:** 2  
**Observation Type:** Undisturbed soil core

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

**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:** Hills  
**Pattern Slope Class:** Gently inclined (3-10%)  
**Pattern Relief Class:** Low (30-90m)  
**Relief Modal Slope:** Undulating low hills

**Inundation Frequency:** No Data  
**Rainfall:** No Data  
**Erosion:** No Data

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

**Soil Classification**

**Australian Soil Classification:** Brown Ferrosol  
**ASC Confidence:** No analytical data are available but confidence is fair.  
**Soil Name:**

**Morphological Description**

Horizon	Depth	Description
Ap	0 - 18cm	Very dark brown (7.5YR 2.5/3) moist clay loam; strong, 5-10mm structure; no mottles; non-repellent. Layer 0- 5cm EC (dS/m) 0.224; pH 6.81; Layer 5- 18cm EC (dS/m) 0.157; pH 6.67.
B1	18 - 40cm	Dark reddish brown (2.5YR 2.5/4) moist clay loam; strong, 10-20mm structure; no mottles; non-repellent. Layer 18- 40cm EC (dS/m) 0.088; pH 6.91.
B2	40 - 100cm	Dark reddish brown (2.5YR 3/4) moist clay loam; moderate, 20-50mm structure; no mottles; very few (<2%), fine (<2mm), ferromanganiferous soft segregations; non-repellent. Layer 40-70cm EC (dS/m) 0.074; pH 6.72; Layer 70- 100cm EC (dS/m) 0.082; pH 6.55.
B31	100 - 130cm	Dark reddish brown (2.5YR 3/4) moist clay loam; moderate, 20-50mm structure; very few (<2%) mottles; very few (<2%), medium (2-6mm), ferromanganiferous soft segregations; non-repellent. Layer 100- 130cm EC (dS/m) 0.091; pH 6.0.
B32	130 - 155cm	Dark reddish brown (2.5YR 3/4) moist light clay; massive structure; very few (<2%) mottles; very few (<2%), medium (2-6mm), ferruginous nodules; non-repellent. Layer 130- 155cm EC (dS/m) 0.085; pH 5.46.

