

**Site Information**

**Easting:** 438295  
**Northing:** 5438263  
**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:** Few (2-10%), Medium gravelly (6-20mm), Basalt

**Land Form Information**

**Landform Element (20m radius)**  
**Element Slope Class:** Gently inclined (3-10%)  
**Element Morph. Type:** Lower-slope  
**Element Type:** Footslope

**Landform Pattern (300m radius)**  
**Pattern Type:** Rises  
**Pattern Slope Class:** Gently inclined (3-10%)  
**Pattern Relief Class:** Very low (9-30m)  
**Relief Modal Slope:** Undulating rises


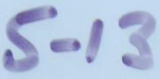


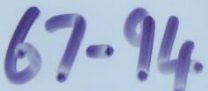

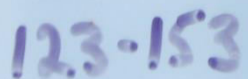
**Inundation Frequency:** No Data  
**Rainfall:** No Data  
**Erosion:** No Data

**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 - 13cm	Dark reddish brown (5YR 3/3) moist clay loam; strong, 5-10mm structure; no mottles; very few (<2%), medium (2-6mm), ferruginous nodules; non-repellent. Layer 0- 5cm EC (dS/m) 0.174; pH 6.5; Layer 5- 13cm EC (dS/m) 0.187; pH 6.44.
			
	B1	13 - 43cm	Dark reddish brown (2.5YR 2.5/4) moist clay loam; moderate, 5-10mm structure; no mottles; very few (<2%), medium (2-6mm), ferruginous nodules; few (2-10%), basalt medium gravelly (6-20mm); non-repellent. Layer 13- 43cm EC (dS/m) 0.162; pH 6.41.
	B2	43 - 94cm	Dark reddish brown (2.5YR 2.5/4) moist clay loam; moderate, 10-20mm structure; very few (<2%) mottles; few (2-10%), medium (2-6mm), ferromanganiferous soft segregations; few (2-10%), basalt medium gravelly (6-20mm); non-repellent. Layer 43- 67cm EC (dS/m) 0.177; pH 6.11; Layer 67- 94cm EC (dS/m) 0.17; pH 5.56.
			
	B31	94 - 123cm	Reddish brown (5YR 4/4) moist clay loam; strong, 10-20mm structure; few (2-10%) mottles; few (<10% of ped faces or walls coated), faint clay skins; common (10-20%), basalt medium gravelly (6-20mm); non-repellent. Layer 94- 123cm EC (dS/m) 0.165; pH 5.09.
	B32	123 - 153cm	Reddish brown (5YR 4/4) moist light clay; massive structure; few (2-10%) mottles; few (<10% of ped faces or walls coated), faint clay skins; few (2-10%), medium (2-6mm), unidentified veins; common (10-20%), basalt coarse gravelly (20-60mm); non-repellent. Layer 123- 153cm EC (dS/m) 0.185; pH 4.71.