

**Site Information**

**Easting:** 526840  
**Northing:** 5374693  
**Describer:** R Moreton  
**Date:** 17-Mar-2017

**Runoff:** Moderately rapid  
**Permeability:** Slowly permeable  
**Drainage:** Imperfectly drained  
**Land Capability:** 4  
**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:** Mid-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 Kurosol  
**ASC Confidence:** No analytical data and little or no knowledge of this soil.  
**Soil Name:** Woodstock

**Morphological Description**

Horizon	Depth	Description
A1	0 - 9cm	Very dark grey (7.5YR 3/1) moist; brown (7.5YR 4/2) dry fine sandy loam; weak, 2-5mm structure; few (2-10%) mottles; few (2-10%), medium (2-6mm), ferromanganiferous nodules; non-repellent. Layer 0- 5 cm EC (dS/m) 0.373; pH 5.41; Layer 5- 9 cm EC (dS/m) 0.194; pH 5.35.
A2	9 - 22cm	Strong brown (7.5YR 5/6) moist; brown (7.5YR 5/4) dry fine sandy loam; massive structure; few (2-10%) mottles; many (20-50%), coarse (6-20mm), ferromanganiferous nodules; moderately cemented, densipan pan; non-repellent. Layer 9- 22 cm EC (dS/m) 0.07; pH 5.67.
B1	22 - 40cm	Strong brown (7.5YR 5/6) moist medium clay; massive structure; common (10-20%) mottles; common (10-20%), medium (2-6mm), ferromanganiferous nodules; non-repellent. Layer 22- 40 cm EC (dS/m) 0.121; pH 5.56.
B2	40 - 56cm	Strong brown (7.5YR 5/8) moist light medium clay; massive structure; common (10-20%) mottles; very few (<2%), medium (2-6mm), ferromanganiferous nodules; non-repellent. Layer 40- 56 cm EC (dS/m) 0.099; pH 5.4.
B3	56 - 94cm	Yellowish brown (10YR 5/6) moist light medium clay; massive structure; many (20-50%) mottles; common (10-20%), medium (2-6mm), ferromanganiferous nodules; non-repellent. Layer 56- 75 cm EC (dS/m) 0.132; pH 5.08; Layer 75- 94 cm EC (dS/m) 0.111; pH 4.99.
BC1	94 - 120cm	Brownish yellow (10YR 6/8) moist loamy sand; massive structure; many (20-50%) mottles; many (20-50%), medium (2-6mm), ferromanganiferous nodules; ferricrete pan; non-repellent. Layer 94- 120 cm EC (dS/m) 0.06; pH 4.77.
BC2	120 - 150cm	Yellowish brown (10YR 5/6) moist medium clay; massive structure; many (20-50%) mottles; common (10-20%), medium (2-6mm), ferromanganiferous nodules; non-repellent. Layer 120- 150 cm EC (dS/m) 0.106; pH 4.55.