

**Site Information**

**Easting:** 541468  
**Northing:** 5388301  
**Describer:** R Moreton  
**Date:** 15-May-2017

**Runoff:** Moderately rapid  
**Permeability:** Slowly permeable  
**Drainage:** Poorly drained  
**Land Capability:** 4  
**Observation Type:** Undisturbed soil core

**Depth to Watertable (m):** No Data  
**Depth to Substrate (m):** 1.24  
**Surface Coarse Fragments:** Common (10-20%), Cobbly (60-200mm)

**Land Form Information**

**Landform Element (20m radius)**

**Element Slope Class:** Very gently sloped (1-3%)  
**Element Morph. Type:** Lower-slope  
**Element Type:** Riseslope

**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 Dermosol  
**ASC Confidence:** Analytical data are incomplete but reasonable confidence.  
**Soil Name:**

**Morphological Description**

Horizon	Depth	Description
A1	0 - 13cm	Very dark brown (10YR 2/2) moist clay loam; strong, 5-10mm structure; few (2-10%) mottles; few (2-10%), medium gravelly (6-20mm); non-repellent. Layer 0- 5cm EC (dS/m) 0.075; pH 6.07; Layer 5- 13cm EC (dS/m) 0.087; pH 5.96.
A3	13 - 33cm	Very dark greyish brown (10YR 3/2) moist heavy clay loam; moderate, 10-20mm structure; few (2-10%) mottles; non-repellent. Layer 13- 33cm EC (dS/m) 0.062; pH 6.23.
B1	33 - 52cm	Dark greyish brown (10YR 4/2) moist silty light clay; massive structure; few (2-10%) mottles; few (2-10%), medium (2-6mm), ferromanganiferous nodules; many (20-50%), fine gravelly (2-6mm); non-repellent. Layer 33- 52cm EC (dS/m) 0.05; pH 6.36.
B2	52 - 94cm	Brown (10YR 4/3) moist light medium clay; strong, 20-50mm structure; common (10-20%) mottles; few (2-10%), coarse (6-20mm), manganiferous soft segregations; non-repellent. Layer 52- 73cm EC (dS/m) 0.545; pH 5.29; Layer 73- 94cm EC (dS/m) 0.943; pH 5.59.
BC	94 - 124cm	Olive brown (2.5Y 4/4) moist sandy light clay; massive structure; common (10-20%), coarse (15-30mm), prominent greyish green (5g 4/2) mottles; few (2-10%), coarse (6-20mm), manganiferous soft segregations; non-repellent. Layer 94- 124cm EC (dS/m) 0.637; pH 6.31.
C1	124 - 154cm	Yellowish brown (10YR 5/8) moist light clay; massive structure; common (10-20%), coarse (15-30mm), prominent greyish green (5g 4/2) mottles; non-repellent. Layer 124- 154cm EC (dS/m) 1.297; pH 6.63.