

**Site Information**

**Easting:** 530341  
**Northing:** 5305842  
**Describer:** R Moreton  
**Date:** 07-Jun-2017

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

**Depth to Watertable (m):** No Data  
**Depth to Substrate (m):** 1.27  
**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:** Moderately inclined (10-32%)  
**Pattern Relief Class:** High (90-300m)  
**Relief Modal Slope:** Rolling 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 are available but confidence is fair.  
**Soil Name:**

**Morphological Description**

| Horizon | Depth      | Description   |
|---------|------------|---|
| A11     | 0 - 5cm    | Dark brown (7.5YR 3/2) moist silty clay loam; moderate, 5-10mm structure; no mottles; non-repellent. Layer 0- 5cm EC (dS/m) 0.15; pH 5.69.  |
| A12     | 5 - 15cm   | Brown (7.5YR 4/2) moist silty loam; moderate, 2-5mm structure; no mottles; few (2-10%), medium (2-6mm), ferromanganiferous nodules; non-repellent. Layer 5- 15cm EC (dS/m) 0.108; pH 5.75.                  |
| A2e     | 15 - 18cm  | Light grey (10YR 7/2) moist silty loam; weak, 2-5mm structure; very few (<2%) mottles; few (2-10%), medium (2-6mm), ferromanganiferous nodules; non-repellent.  |
| B2      | 18 - 45cm  | Brown (10YR 5/3) moist medium clay; strong, 20-50mm structure; very few (<2%) mottles; few (<10% of ped faces or walls coated), distinct clay skins; non-repellent. Layer 18- 45cm EC (dS/m) 0.26; pH 4.85. |
| B3      | 45 - 69cm  | Light olive brown (2.5y 5/3) moist light medium clay; strong, 50-100mm structure; few (2-10%) mottles; non-repellent. Layer 45- 69cm EC (dS/m) 0.318; pH 4.66.  |
| BC      | 69 - 97cm  | Light brownish grey (2.5y 6/3) moist light medium clay; massive structure; few (2-10%) mottles; few (2-10%), coarse gravelly (20-60mm); non-repellent. Layer 69- 97cm EC (dS/m) 0.292; pH 4.72.             |
| C       | 97 - 127cm | Light olive brown (2.5y 5/6) moist sandy light clay; massive structure; few (2-10%) mottles; few (2-10%), coarse gravelly (20-60mm); non-repellent. Layer 97- 127cm EC (dS/m) 0.19; pH 5.1.                 |

