

**Site Information**

**Easting:** 520630  
**Northing:** 5312628  
**Describer:** R Moreton  
**Date:** 20-Jun-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):** 1.2  
**Surface Coarse Fragments:** Very few (<2%), Stony (200-600mm), Sandstone

**Land Form Information**

**Landform Element (20m radius)**

**Element Slope Class:** Very gently sloped (1-3%)  
**Element Morph. Type:** Mid-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 Sodosol  
**ASC Confidence:** No analytical data are available but confidence is fair.  
**Soil Name:**

**Morphological Description**

|   | Horizon | Depth       | Description   |
|---|---------|-------------|---|
|   | A1      | 0 - 12cm    | Dark brown (10YR 3/3) moist; dark greyish brown (10YR 4/2) dry fine sandy clay loam; moderate, 2-5mm structure; no mottles; non-repellent. Layer 0- 5cm EC (dS/m) 0.1; pH 5.24; Layer 5- 12cm EC (dS/m) 0.101; pH 4.93.             |
|  |         |             |   |
|  | A2e     | 12 - 20cm   | Brown (10YR 5/3) moist; light grey (10YR 7/2) dry loamy fine sand; massive structure; very few (<2%) mottles; uncemented, densipan pan; non-repellent. Layer 12- 20cm EC (dS/m) 0.04; pH 5.38.                                      |
|  | B21     | 20 - 50cm   | Dark yellowish brown (10YR 4/6) moist light medium clay; strong, 10-20mm structure; few (2-10%) mottles; common (10-50% of ped faces or walls coated), distinct clay skins; non-repellent. Layer 20- 50cm EC (dS/m) 0.258; pH 6.02. |
|  | B22     | 50 - 70cm   | Dark yellowish brown (10YR 4/4) moist light medium clay; moderate, 20-50mm structure; very few (<2%) mottles; few (<10% of ped faces or walls coated), distinct clay skins; non-repellent. Layer 50- 70cm EC (dS/m) 0.621; pH 5.29. |
|  | B31     | 70 - 100cm  | Light olive brown (2.5Y 5/6) moist light medium clay; massive structure; very few (<2%) mottles; very few (<2%), coarse gravelly (20-60mm); non-repellent. Layer 70- 100cm EC (dS/m) 0.78; pH 5.1.                                  |
|  | B32     | 100 - 120cm | Olive (5Y 5/3) moist light medium clay; massive structure; very few (<2%) mottles; non-repellent. Layer 100- 120cm EC (dS/m) 0.699; pH 5.07.  |
|  | 2BC     | 120 - 150cm | Light olive brown (2.5Y 5/4) moist sandy light clay; massive structure; very few (<2%) mottles; few (2-10%), cobbly (60-200mm); non-repellent. Layer 120- 150cm EC (dS/m) 0.3; pH 5.45.   |