

**Site Information**

**Easting:** 515016  
**Northing:** 5297329  
**Describer:** Chris Grose  
**Date:** 16-Jun-2017

**Runoff:** No runoff  
**Permeability:** Very slowly permeable  
**Drainage:** Moderately well 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:** Level (<1%)  
**Element Morph. Type:** Flat  
**Element Type:** Plain

**Landform Pattern (300m radius)**  
**Pattern Type:** Alluvial plain  
**Pattern Slope Class:** Level (<1%)  
**Pattern Relief Class:** Extremely low (<9m)  
**Relief Modal Slope:** Level plain

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

**Aspect:** No Data  
**Elevation:** No Data

**Soil Classification**

**Australian Soil Classification:** Brown Chromosol  
**ASC Confidence:** No analytical data and little or no knowledge of this soil.  
**Soil Name:**

**Morphological Description**

|               | Horizon | Depth       | Description                                                                                                                                                                                                             |
|---------------|---------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| WFP107<br>0-5 | A1      | 0 - 20cm    | Very dark greyish brown (10YR 3/2) moist, fine sandy clay loam; strong structure; no mottles; non-repellent. Layer 0cm - 5cm EC (dS/m) 0.276; pH 5.59; Layer 5cm - 20cm EC (dS/m) 0.182; pH 5.8.                        |
| 5-20          |         |             |                                                                                                                                                                                                                         |
| 20-40         | 2A1b    | 20 - 60cm   | Very dark brown (10YR 2/2) moist, clay loam; dark brown (10YR 3/3) dry, clay loam; strong structure; no mottles; non-repellent. Layer 20cm - 40cm EC (dS/m) 0.169; pH 6.46; Layer 40cm - 60cm EC (dS/m) 0.151; pH 6.95. |
| 40-60         |         |             |                                                                                                                                                                                                                         |
| 60-71         | 2A2b    | 60 - 71cm   | Dark brown (10YR 3/3) moist, fine sandy loam; very dark greyish brown (10YR 3/2) dry, fine sandy loam; weak structure; no mottles; non-repellent. Layer 60cm - 71cm EC (dS/m) 0.186; pH 7.38.                           |
| 71-82         | 3B1b    | 71 - 82cm   | Very dark greyish brown (10YR 3/2) moist, fine sandy heavy clay; greyish brown (10YR 5/2) dry, fine sandy heavy clay; strong structure; few (2-10%) mottles; non-repellent. Layer 71cm - 82cm EC (dS/m) 0.775; pH 7.43. |
| 82-108        | 3B21b   | 82 - 108cm  | Yellowish brown (10YR 5/6) moist, fine sandy light clay; strong structure; few (2-10%) mottles; non-repellent. Layer 82cm - 108cm EC (dS/m) 0.857; pH 8.44.                                                             |
| 108-128       | 3B22b   | 108 - 148cm | Light brownish grey (10yr 6/2) moist, medium clay; massive structure; common (10-20%) mottles; non-repellent. Layer 108cm - 128cm EC (dS/m) 0.763; pH 8.26; Layer 128cm - 148cm EC (dS/m) 0.65; pH 8.2.                 |
| 128-148       |         |             |                                                                                                                                                                                                                         |

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