

**Site Information**

**Easting:** 514372  
**Northing:** 5294783  
**Describer:** Chris Grose  
**Date:** 04-Apr-2017

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

**Landform Pattern (300m radius)**  
**Pattern Type:** Alluvial plain  
**Pattern Slope Class:** Very gently sloped (1-3%)  
**Pattern Relief Class:** Extremely low (<9m)  
**Relief Modal Slope:** Gently undulating 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  |
|---------|-------------|--|
| A1      | 0 - 13cm    | Dark brown (10YR 3/3) moist, brown (10YR 4/3) dry, loamy fine sand; weak structure; no mottles; water repellent. Layer 0cm - 5cm EC (dS/m) 0.173; pH 5.41; Layer 5cm - 13cm EC (dS/m) 0.353; pH 4.98.  |
| A2      | 13 - 63cm   | Dark yellowish brown (10YR 4/4) moist, brownish yellow (10YR 6/6) dry, fine sand; single grain structure; no mottles; non-repellent. Layer 13cm - 38cm EC (dS/m) 0.436; pH 6.03; Layer 38cm - 63cm EC (dS/m) 0.261; pH 6.6.                      |
| 2B21    | 63 - 78cm   | Dark yellowish brown (10YR 4/6) moist, sandy medium clay; few (2-10%) mottles; non-repellent. Layer 63cm - 78cm EC (dS/m) 0.227; pH 8.11.  |
| 2B22    | 78 - 105cm  | Brown (10YR 5/3) moist, medium clay; many (20-50%) mottles; very few (<2%), fine (<2mm), manganiferous soft segregations; very few (<2%), medium gravelly (6-20mm); non-repellent. Layer 78cm - 105cm EC (dS/m) 0.504; pH 8.55.                  |
| 2B23    | 105 - 127cm | Yellowish brown (10YR 5/6) moist, sandy medium clay; many (20-50%) mottles; very few (<2%), fine (<2mm), manganiferous soft segregations; very few (<2%), medium gravelly (6-20mm); non-repellent. Layer 105cm - 127cm EC (dS/m) 0.837; pH 8.52. |
| 2C      | 127 - 145cm | Dark yellowish brown (10YR 4/6) moist, sandy loam; many (20-50%) mottles; few (2-10%), fine (<2mm), manganiferous soft segregations; common (10-20%), coarse gravelly (20-60mm); non-repellent. Layer 127cm - 145cm EC (dS/m) 0.669; pH 8.3.     |

