

**Site Information**

**Easting:** 539676  
**Northing:** 5339786  
**Describer:** Chris Grose  
**Date:** 31-Mar-2017

**Runoff:** No runoff  
**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:** No surface coarse fragments

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

**Morphological Description**



Horizon	Depth	Description
A1	0 - 10cm	Dark brown (10YR 3/3) moist; brown (10YR 4/3) dry loamy fine sand; single grain structure; no mottles; non-repellent. Layer 0-5cm EC (dS/m) 0.158; pH 6.6; Layer 5- 10cm EC (dS/m) 0.166; pH 6.69.
A2	10 - 32cm	Dark brown (10YR 3/3) moist; dark yellowish brown (10YR 4/4) dry loamy fine sand; single grain structure; no mottles; non-repellent. Layer 10- 32cm EC (dS/m) 0.088; pH 5.71.
B21	32 - 58cm	Dark yellowish brown (10YR 3/4) moist sandy clay loam; moderate structure; few (2-10%) mottles; non-repellent. Layer 32- 58cm EC (dS/m) 0.158; pH 7.9.
B22k	58 - 88cm	Dark yellowish brown (10YR 4/4) moist fine sandy loam; moderate structure; few (2-10%) mottles; common (10-20%), coarse (6-20mm), calcareous soft segregations; non-repellent. Layer 58- 88cm EC (dS/m) 0.338; pH 8.97.
B3	88 - 118cm	Dark yellowish brown (10YR 4/4) moist sandy loam; few (2-10%) mottles; few (2-10%), medium (2-6mm), calcareous soft segregations; non-repellent. Layer 88- 118cm EC (dS/m) 0.459; pH 8.9.
C	118 - 150cm	Yellowish brown (10YR 5/4) moist sand; common (10-20%) mottles; non-repellent. Layer 118- 150cm EC (dS/m) 0.284; pH 8.21.