

**Site Information**

**Easting:** 536002  
**Northing:** 5356161  
**Describer:** Chris Grose  
**Date:** 19-Jan-2017

**Runoff:** Very slow  
**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):** 0.6  
**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:** Mid-slope  
**Element Type:** Fan

**Landform Pattern (300m radius)**

**Pattern Type:** Alluvial fan  
**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-Orthic Tenosol  
**ASC Confidence:** No analytical data and little or no knowledge of this soil.  
**Soil Name:**

**Morphological Description**

Horizon	Depth	Description
Ap	0 - 20cm	Very dark greyish brown (10YR 3/2) moist; dark greyish brown (10YR 4/2) dry loamy fine sand; single grain structure; no mottles; water repellent. Layer 0- 5cm EC (dS/m) 0.13; pH 6.77; Layer 5- 20cm EC (dS/m) 0.112; pH 5.97.
B2	20 - 60cm	Dark brown (10YR 3/3) moist; brown (10YR 4/3) dry fine sand; single grain structure; no mottles; non-repellent. Layer 20- 40cm EC (dS/m) 0.038; pH 5.4; Layer 40- 60cm EC (dS/m) 0.045; pH 5.23.
C	60 - 70cm	Brown (10YR 5/3) moist; light grey (10YR 7/2) dry fine sand; single grain structure; few (2-10%) mottles; non-repellent. Layer 60- 70cm EC (dS/m) 0.055; pH 5.62.
2C	70 - 108cm	Yellowish brown (10YR 5/4) moist sandy clay; massive structure; few (2-10%) mottles; very few (<2%), medium gravelly (6-20mm); non-repellent. Layer 70- 89cm EC (dS/m) 0.213; pH 5.62; Layer 89- 108cm EC (dS/m) 0.371; pH 5.7.