

**Site Information**

**Easting:** 515949  
**Northing:** 5293732  
**Describer:** Chris Grose  
**Date:** 16-Jun-2017

**Runoff:** Very slow  
**Permeability:** Very slowly permeable  
**Drainage:** Poorly drained  
**Land Capability:** 4  
**Observation Type:** Undisturbed soil core

**Depth to Watertable (m):** No Data  
**Depth to Substrate (m):** 1.19  
**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:** Open depression (vale)  
**Element Type:** Valley flat

**Landform Pattern (300m radius)**

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

**Morphological Description**

Horizon	Depth	Description
A1	0 - 17cm	Dark brown (10YR 3/3) moist, loamy fine sand; weak structure; few (2-10%) mottles; water repellent. Layer 0cm - 5cm EC (dS/m) 0.573; pH 6.1; Layer 5cm - 17cm EC (dS/m) 0.573; pH 6.49.
2A1b	17 - 40cm	Very dark greyish brown (10YR 3/2) moist, loamy fine sand; weak structure; very few (<2%) mottles; water repellent. Layer 17cm - 40cm EC (dS/m) 0.25; pH 7.55.
2A2b	40 - 80cm	Pale brown (10YR 6/3) moist, loamy fine sand; single grain structure; few (2-10%) mottles; non-repellent. Layer 40cm - 60cm EC (dS/m) 0.054; pH 7.84; Layer 60cm - 80cm EC (dS/m) 0.05; pH 7.65.
2B2b	80 - 119cm	Pale brown (10YR 6/3) moist, fine sand; single grain structure; few (2-10%) mottles; non-repellent. Layer 80cm - 100cm EC (dS/m) 0.12; pH 7.51; Layer 100cm - 119cm EC (dS/m) 0.132; pH 7.15.
3C	119 - 125cm	Greyish brown (2.5Y 5/2) moist, sandy medium clay; common (10-20%) mottles; non-repellent. Layer 119cm - 125cm EC (dS/m) 0.147; pH 6.92.