

**Site Information**

**Easting:** 514432  
**Northing:** 5392873  
**Describer:** R Moreton  
**Date:** 12-May-2016

**Runoff:** Slow  
**Permeability:** Highly permeable  
**Drainage:** 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:** Very gently sloped (1-3%)  
**Element Morph. Type:** Ridge  
**Element Type:** Lunette

**Landform Pattern (300m radius)**

**Pattern Type:** Alluvial plain  
**Pattern Slope Class:** Gently inclined (3-10%)  
**Pattern Relief Class:** Extremely low (<9m)  
**Relief Modal Slope:** Undulating plain

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

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

**Soil Classification**

**Australian Soil Classification:** Bleached-Orthic Tenosol  
**ASC Confidence:** No analytical data and little or no knowledge of this soil.  
**Soil Name:** Panshanger

**Morphological Description**



Horizon	Depth	Description
A11	0 - 6cm	Dark brown (10YR 3/3) moist, sandy light clay; moderate, 5-10 mm polyhedral structure; no mottles. Layer 0cm - 5cm EC (dS/m) 2.39; pH 5.77; Layer 5cm - 20cm EC (dS/m) 0.173; pH 5.86.
A12	6 - 20cm	Dark yellowish brown (10YR 3/4) moist, sandy loam; moderate, 2-5 mm polyhedral structure; no mottles. Layer 5cm - 20cm EC (dS/m) 0.173; pH 5.86.
A21	20 - 40cm	Yellowish brown (10YR 5/6) moist, loamy sand; massive structure; no mottles. Layer 20cm - 40cm EC (dS/m) 0.052; pH 5.61.
A22	40 - 70cm	Yellowish brown (10YR 5/6) moist, loamy fine sand; single grain structure; no mottles. Layer 40cm - 70cm EC (dS/m) 0.067; pH 6.17.
B1	70 - 100cm	Strong brown (7.5YR 4/6) moist, clayey sand; massive structure; no mottles. Layer 70cm - 100cm EC (dS/m) 0.054; pH 6.61.
B2	100 - 130cm	Brown (7.5YR 4/4) moist, clayey sand; massive structure; no mottles. Layer 100cm - 130cm EC (dS/m) 0.047; pH 6.86.