

**Site Information**

**Easting:** 520743  
**Northing:** 5396701  
**Describer:** R Moreton  
**Date:** 24-Jan-2017

**Runoff:** Moderately rapid  
**Permeability:** Moderately permeable  
**Drainage:** Well drained  
**Land Capability:** 4  
**Observation Type:** Undisturbed soil core

**Depth to Watertable (m):** No Data  
**Depth to Substrate (m):** 1.12  
**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:** Upper-slope  
**Element Type:** Hillcrest

**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:** Bleached-Orthic Tenosol  
**ASC Confidence:** No analytical data are available but confidence is fair.  
**Soil Name:** Panshanger

**Morphological Description**

Horizon	Depth	Description
A1	0 - 24cm	Very dark brown (7.5YR 2.5/2) moist, brown (7.5YR 4/2) dry, fine sandy loam; weak structure; no mottles; non-repellent. Layer 0cm - 5cm EC (dS/m) 0.054; pH 5.57; Layer 5cm - 24cm EC (dS/m) 0.03; pH 5.23.
A2	24 - 45cm	Brown (10YR 4/3) moist, greyish brown (10YR 5/2) dry, loamy fine sand; weak structure; no mottles; non-repellent. Layer 24cm - 45cm EC (dS/m) 0.017; pH 5.65.
B2	45 - 82cm	Yellowish brown (10YR 5/4) moist, loamy fine sand; single grain structure; no mottles; non-repellent. Layer 45cm - 64cm EC (dS/m) 0.018; pH 6.25; Layer 64cm - 82cm EC (dS/m) 0.019; pH 6.5.
B31	82 - 112cm	Light yellowish brown (2.5y 6/4) moist, loamy sand; massive structure; common (10-20%) mottles; many (20-50%), coarse (6-20mm), ferromanganiferous nodules; non-repellent. Layer 82cm - 112cm EC (dS/m) 0.05; pH 6.9.
B32	112 - 142cm	Dark yellowish brown (10YR 4/6) moist, sandy light clay; massive structure; few (2-10%) mottles; non-repellent. Layer 112cm - 142cm EC (dS/m) 0.077; pH 6.6.
C	142 - 154cm	Dark yellowish brown (10YR 4/6) moist, light medium clay; massive structure; few (2-10%) mottles; few (2-10%), medium gravelly (6-20mm); non-repellent. Layer 142cm - 154cm EC (dS/m) 0.142; pH 5.61.