

**Site Information**

**Easting:** 534944  
**Northing:** 5308430  
**Describer:** R Moreton  
**Date:** 22-May-2017

**Runoff:** Moderately rapid  
**Permeability:** Highly permeable  
**Drainage:** Rapidly 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:** Moderately inclined (10-32%)  
**Element Morph. Type:** Mid-slope  
**Element Type:** Hillslope

**Landform Pattern (300m radius)**

**Pattern Type:** Low hills  
**Pattern Slope Class:** Moderately inclined (10-32%)  
**Pattern Relief Class:** High (90-300m)  
**Relief Modal Slope:** Rolling hills

**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 are available but confidence is fair.  
**Soil Name:** Panshanger

**Morphological Description**

	Horizon	Depth	Description
WFP249 0-5	A1	0 - 15cm	Dark brown (7.5YR 3/3) moist fine sandy loam; weak, 5-10 mm structure; no mottles; non-repellent. Layer 0- 5cm EC (dS/m) 0.11; pH 6.81; Layer 5- 15cm EC (dS/m) 0.06; pH 6.31.
5-15			
15-40	A21	15 - 40cm	Strong brown (7.5YR 4/6) moist fine sandy loam; single grain structure; no mottles; non-repellent. Layer 15- 40cm EC (dS/m) 0.04; pH 6.18.
40-69	A22	40 - 69cm	Yellowish brown (10YR 5/8) moist loamy fine sand; single grain structure; no mottles; non-repellent. Layer 40- 69cm EC (dS/m) 0.035; pH 6.24.
69-99	B21	69 - 99cm	Yellowish brown (10YR 5/6) moist clayey fine sand; massive structure; few (2-10%) mottles; non-repellent. Layer 69- 99cm EC (dS/m) 0.039; pH 6.4.
99-119	B22	99 - 119cm	Dark yellowish brown (10YR 4/6) moist clayey fine sand; massive structure; common (10-20%) mottles; few (2-10%), fine (<2mm), ferromanganiferous soft segregations; non-repellent. Layer 99- 119cm EC (dS/m) 0.028; pH 6.46.
119-145	B3	119 - 145cm	Strong brown (7.5YR 4/6) moist clayey fine sand; massive structure; common (10-20%) mottles; few (2-10%), fine (<2mm), ferromanganiferous soft segregations; non-repellent. Layer 119- 145cm EC (dS/m) 0.024; pH 6.44.