

**Site Information**

**Easting:** 535096  
**Northing:** 5306712  
**Describer:** R Moreton  
**Date:** 22-May-2017

**Runoff:** Moderately rapid  
**Permeability:** Moderately permeable  
**Drainage:** Moderately 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:** Very few (<2%), Coarse gravelly (20-60mm), Sandstone

**Land Form Information**

**Landform Element (20m radius)**

**Element Slope Class:** Gently inclined (3-10%)  
**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:** Low (30-90m)  
**Relief Modal Slope:** Rolling low hills

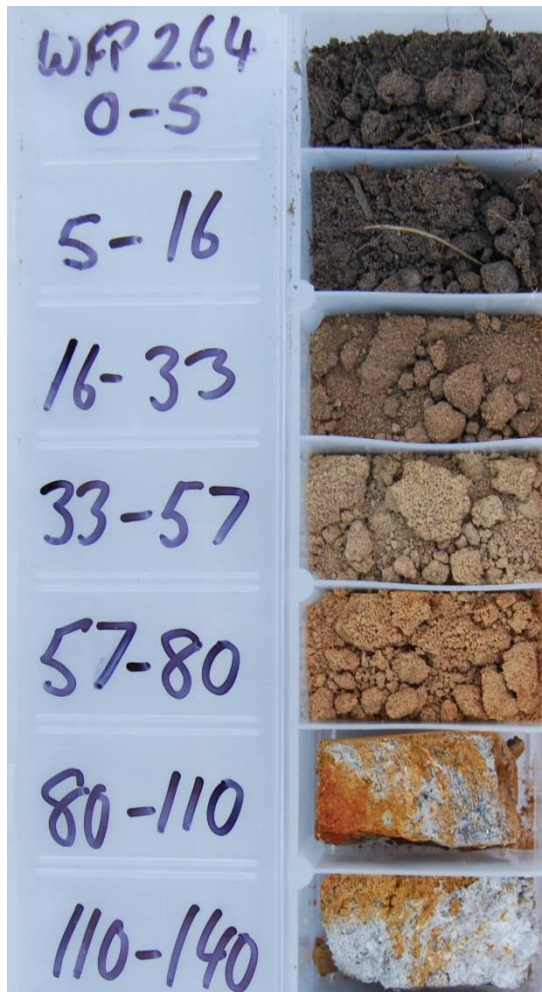
**Inundation Frequency:** No Data  
**Rainfall:** No Data  
**Erosion:** Stable, Minor or present (sheet)

**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
	A1 0 - 16cm	Dark brown (7.5YR 3/2) moist fine sandy clay loam; weak, 5-10 mm structure; no mottles; non-repellent. Layer 0- 5cm EC (dS/m) 0.073; pH 5.69; Layer 5- 16cm EC (dS/m) 0.089; pH 5.63.
	A2 16 - 33cm	Strong brown (7.5YR 4/6) moist sandy loam; weak, 2-5 mm structure; few (2-10%) mottles; non-repellent. Layer 16- 33cm EC (dS/m) 0.054; pH 5.76.
	B21 33 - 57cm	Yellowish brown (10YR 5/8) moist clayey fine sand; massive structure; no mottles; non-repellent. Layer 33- 57cm EC (dS/m) 0.034; pH 6.17.
	B22 57 - 80cm	Strong brown (7.5YR 5/8) moist clayey fine sand; massive structure; very few (<2%) mottles; very few (<2%), medium (2-6mm), ferruginous soft segregations; non-repellent. Layer 57- 80cm EC (dS/m) 0.046; pH 6.2.
	B3 80 - 110cm	Reddish yellow (7.5YR 6/8) moist fine sandy light clay; massive structure; common (10-20%) mottles; non-repellent. Layer 80- 110cm EC (dS/m) 0.103; pH 4.87.
	BC 110 - 140cm	Yellowish brown (10YR 5/8) moist fine sandy light medium clay; massive structure; common (10-20%) mottles; non-repellent. Layer 110- 140cm EC (dS/m) 0.076; pH 4.71.