

**Site Information**

**Easting:** 520228  
**Northing:** 5396501  
**Describer:** R Moreton  
**Date:** 24-Jan-2017

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

**Depth to Watertable (m):** No Data  
**Depth to Substrate (m):** 1.0  
**Surface Coarse Fragments:** No surface coarse fragments

**Land Form Information**

**Landform Element (20m radius)**

**Element Slope Class:** Gently inclined (3-10%)  
**Element Morph. Type:** Mid-slope  
**Element Type:** Levee

**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:** Partially stabilised, Minor wind, Partially stabilised, Minor sheet and Partially stabilised, Minor rill erosion

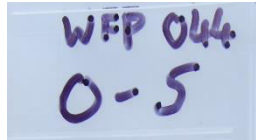
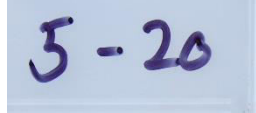
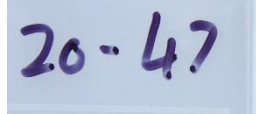
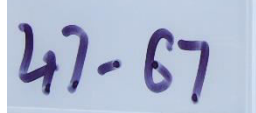
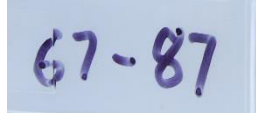

**Aspect:** No Data

**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	0-5	Very dark brown (7.5YR 2.5/3) moist, brown (10YR 5/3) dry, loamy sand; weak, 2-5mm structure; no mottles; water repellent. Layer 0cm - 5cm EC (dS/m) 0.135; pH 5.55; Layer 5cm - 20cm EC (dS/m) 0.05; pH 6.41.
		5-20	
	B21	20-47	Strong brown (7.5YR 4/6) moist, light yellowish brown (10YR 6/4) dry, sandy loam; single grain structure; no mottles; non-repellent. Layer 20cm - 47cm EC (dS/m) 0.042; pH 6.5.
	B22	47-67	Yellowish brown (10YR 5/6) moist, sandy loam; massive structure; no mottles; non-repellent. Layer 47cm - 67cm EC (dS/m) 0.032; pH 6.44; Layer 67cm - 87cm EC (dS/m) 0.071; pH 6.62.
		67-87	
	B3	87-117	Dark yellowish brown (10YR 4/4) moist, clayey sand; massive structure; common (10-20%) mottles; common (10-20%), medium (2-6mm), manganiferous soft segregations; common (10-20%), medium gravelly (6-20mm); non-repellent. Layer 87cm - 117cm EC (dS/m) 0.074; pH 6.94.