

**Site Information**

**Easting:** 540672  
**Northing:** 5362947  
**Describer:** Chris Grose  
**Date:** 10-Mar-2017

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

**Depth to Watertable (m):** No Data  
**Depth to Substrate (m):** 0.8  
**Surface Coarse Fragments:** Very few (<2%), Coarse gravelly (20-60mm)

**Land Form Information**

**Landform Element (20m radius)**

**Element Slope Class:** Very gently sloped (1-3%)  
**Element Morph. Type:** Flat  
**Element Type:** Plain

**Landform Pattern (300m radius)**

**Pattern Type:** Plain  
**Pattern Slope Class:** Very gently sloped (1-3%)  
**Pattern Relief Class:** Extremely low (<9m)  
**Relief Modal Slope:** Gently undulating plain

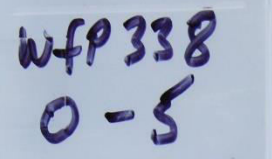
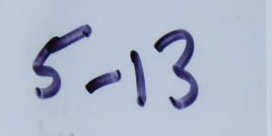
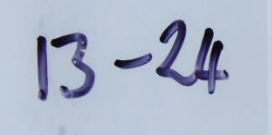
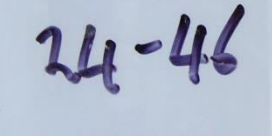
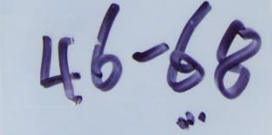
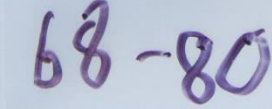
**Inundation Frequency:** No Data  
**Rainfall:** No Data  
**Erosion:** No Data

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

**Soil Classification**

**Australian Soil Classification:** Calcic Calcarosol  
**ASC Confidence:** No analytical data and little or no knowledge of this soil.  
**Soil Name:**

**Morphological Description**

	Horizon	Depth	Description
	Ap	0 - 13cm	Very dark brown (10YR 2/2) moist clay loam; strong structure; no mottles; few (2-10%), medium gravelly (6-20mm); non-repellent. Layer 0- 5cm EC (dS/m) 0.821; pH 7.87; Layer 5- 13cm EC (dS/m) 0.91; pH 7.93.
			
	A2	13 - 24cm	Brown (10YR 5/3) moist medium clay; strong structure; no mottles; common (10-20%), very coarse (20-60mm), calcareous soft segregations; very few (<2%), medium gravelly (6-20mm); non-repellent. Layer 13- 24cm EC (dS/m) 0.521; pH 8.38.
	B2k	24 - 68cm	Brown (10YR 4/3) moist medium clay; strong structure; no mottles; common (10-50% of ped faces or walls coated), distinct stress cutans; many (20-50%), very coarse (20-60mm), calcareous soft segregations; common (10-20%), medium gravelly (6-20mm); non-repellent. Layer 24- 46cm EC (dS/m) 0.691; pH 8.35; Layer 46- 68cm EC (dS/m) 0.611; pH 8.42.
			
	BC	68 - 80cm	Dark yellowish brown (10YR 4/4) moist medium clay; no mottles; very few (<2%), medium (2-6mm), calcareous soft segregations; common (10-20%), coarse gravelly (20-60mm); non-repellent. Layer 68- 80cm EC (dS/m) 0.987; pH 8.17.