

**Site Information**

**Easting:** 539828  
**Northing:** 5361817  
**Describer:** R Moreton  
**Date:** 06-Dec-2016

**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):** 1.1  
**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:** Lower-slope  
**Element Type:** Plain

**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:** No Data

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

**Soil Classification**

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

**Morphological Description**

Horizon	Depth	Description
A1	0 - 13cm	Very dark brown (7.5YR 2.5/3) moist, fine sandy clay loam; moderate structure; no mottles; very few (<2%), fine gravelly (2-6mm). Layer 0cm - 5cm EC (dS/m) 0.08; pH 5.01; Layer 5cm - 13cm EC (dS/m) 0.15; pH 5.99.
B1	13 - 38cm	Dark brown (7.5YR 3/3) moist, light clay; moderate structure; no mottles. Layer 13cm - 38cm EC (dS/m) 0.191; pH 6.72.
B2	38 - 68cm	Dark yellowish brown (10YR 3/4) moist, light clay; massive structure; very few (<2%) mottles; very few (<2%), medium (2-6mm), ferromanganiferous soft segregations. Layer 38cm - 68cm EC (dS/m) 0.265; pH 7.82.
B31	68 - 90cm	Dark yellowish brown (10YR 4/4) moist, clay loam; massive structure; very few (<2%) mottles; very few (<2%), medium (2-6mm), calcareous nodules. Layer 68cm - 90cm EC (dS/m) 0.58; pH 8.62.
B32	90 - 110cm	Dark yellowish brown (10YR 3/4) moist, sandy clay loam; massive structure; very few (<2%) mottles. Layer 90cm - 110cm EC (dS/m) 0.525; pH 8.84.
C	110 - 155cm	Dark yellowish brown (10YR 4/4) moist, medium clay; few (2-10%) mottles. Layer 110cm - 130cm EC (dS/m) 1.1; pH 8.84; Layer 130cm - 155cm EC (dS/m) 0.9; pH 8.5.