

**Site Information**

**Easting:** 522231  
**Northing:** 5391994  
**Describer:** R Moreton  
**Date:** 01-Feb-2017

**Runoff:** Slow  
**Permeability:** Slowly permeable  
**Drainage:** Poorly drained  
**Land Capability:** 5  
**Observation Type:** Undisturbed soil core

**Depth to Watertable (m):** No Data  
**Depth to Substrate (m):** 0.6  
**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:** Flat  
**Element Type:** Terrace flat

**Landform Pattern (300m radius)**

**Pattern Type:** Alluvial 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:** Chernic Tenosol  
**ASC Confidence:** No analytical data and little or no knowledge of this soil.  
**Soil Name:**

**Morphological Description**



Horizon	Depth	Description
A11	0 - 17cm	Very dark brown (10YR 2/2) moist, clay loam; dark greyish brown (10YR 4/2) dry, clay loam; strong structure; no mottles; very few (<2%), fine gravelly (2-6mm); non-repellent. Layer 0cm - 5cm EC (dS/m) 0.136; pH 5.43; Layer 5cm - 17cm EC (dS/m) 0.094; pH 5.44.
A12	17 - 30cm	Black (10YR 2/1) moist, silty clay loam; greyish brown (10YR 5/2) dry, silty clay loam; moderate structure; no mottles; very few (<2%), medium gravelly (6-20mm); non-repellent. Layer 17cm - 30cm EC (dS/m) 0.071; pH 5.53.
B2	30 - 60cm	Yellowish brown (10YR 5/8) moist, sandy light clay; massive structure; common (10-20%) mottles; common (10-20%), medium (2-6mm), manganiferous soft segregations; few (2-10%), medium gravelly (6-20mm); non-repellent. Layer 30cm - 60cm EC (dS/m) 0.068; pH 6.48.
2BC	60 - 90cm	Dark greyish brown (10YR 4/2) moist, clayey coarse sand; massive structure; common (10-20%) mottles; many (20-50%), coarse gravelly (20-60mm); non-repellent. Layer 60cm - 90cm EC (dS/m) 0.06; pH 6.85.
2C	90 - 145cm	Dark yellowish brown (10YR 4/4) moist, clayey coarse sand; massive structure; common (10-20%) mottles; common (10-20%), coarse gravelly (20-60mm); non-repellent. Layer 90cm - 117cm EC (dS/m) 0.039; pH 7.02; Layer 117cm - 145cm EC (dS/m) 0.048; pH 6.98.