

**Site Information**

**Easting:** 539467  
**Northing:** 5375352  
**Describer:** R Moreton  
**Date:** 30-Mar-2017

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

**Depth to Watertable (m):** No Data  
**Depth to Substrate (m):** No Data  
**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:** Hillslope

**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

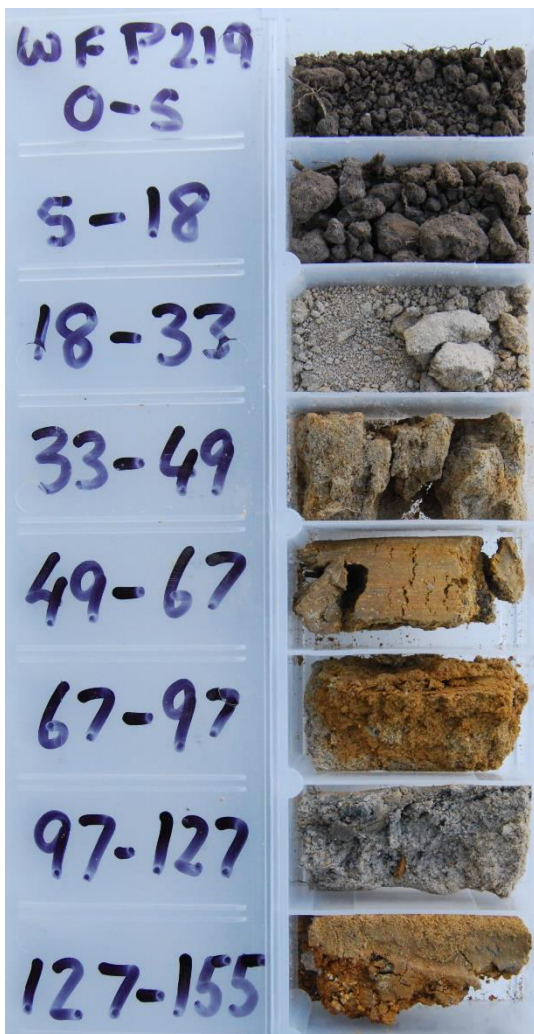
**Inundation Frequency:** No Data  
**Rainfall:** No Data  
**Erosion:** No Data

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

**Soil Classification**

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

**Morphological Description**



Horizon	Depth	Description
A1	0 - 18cm	Dark brown (10YR 3/3) moist fine sandy clay loam; moderate, 5-10 mm structure; no mottles; non-repellent. Layer 0- 5cm EC (dS/m) 0.144; pH 6.77; Layer 5- 18cm EC (dS/m) 0.105; pH 6.53.
A2	18 - 33cm	Yellowish brown (10YR 5/4) moist clayey fine sand; weak, 2-5 mm structure; few (2-10%) mottles; non-repellent. Layer 18- 33cm EC (dS/m) 0.067; pH 6.36.
B1	33 - 49cm	Dark yellowish brown (10YR 4/6) moist sandy clay loam; massive structure; few (2-10%) mottles; non-repellent. Layer 33- 49cm EC (dS/m) 0.196; pH 6.78.
B21	49 - 67cm	Yellowish brown (10YR 5/8) moist sandy light clay; massive structure; few (2-10%) mottles; few (<10% of ped faces or walls coated), distinct clay skins; few (2-10%), medium gravelly (6-20mm); non-repellent. Layer 49- 67cm EC (dS/m) 0.74; pH 6.86.
B22	67 - 127cm	Light olive brown (2.5Y 5/6) moist sandy light clay; moderate, 20-50 mm structure; few (2-10%) mottles; few (<10% of ped faces or walls coated), distinct clay skins; few (2-10%), medium gravelly (6-20mm); non-repellent. Layer 67- 97cm EC (dS/m) 0.399; pH 7.84; Layer 97- 127cm EC (dS/m) 0.496; pH 8.0.
B3	127 - 155cm	Yellowish brown (10YR 5/6) moist coarse sandy medium clay; moderate, 50-100 mm structure; few (2-10%) mottles; few (<10% of ped faces or walls coated), distinct clay skins; common (10-20%), medium gravelly (6-20mm); non-repellent. Layer 127- 155cm EC (dS/m) 0.823; pH 8.07.