

**Site Information**

**Easting:** 525697  
**Northing:** 5391176  
**Describer:** R Moreton  
**Date:** 07-Feb-2017

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

**Depth to Watertable (m):** No Data  
**Depth to Substrate (m):** 1.2  
**Surface Coarse** No surface coarse fragments

**Land Form Information**

**Landform Element (20m radius)**  
**Element Slope Class:** Very gently sloped (1-3%)  
**Element Morph.** 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

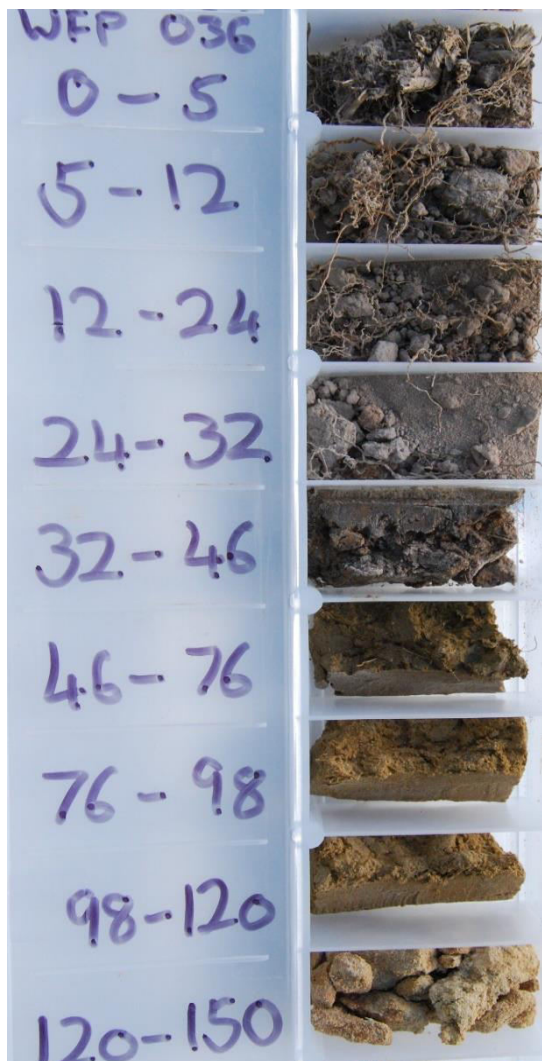
**Inundation** No Data  
**Rainfall:** No Data  
**Erosion:** No Data

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

**Soil Classification**

**Australian Soil** Brown Sodosol  
**ASC Confidence:** No analytical data are available but confidence is fair.  
**Soil Name:** Brumby

**Morphological Description**



Horizon	Depth	Description
A11	0 - 12cm	Dark greyish brown (10YR 4/2) moist, silty clay loam; greyish brown (10YR 5/2) dry, silty clay loam; moderate, 5-10mm moderate structure; no mottles; very few (<2%), fine (<2mm), ferromanganiferous nodules; very few (<2%), fine gravelly (2-6mm); non-repellent. Layer 0cm - 5cm EC (dS/m) 0.078; pH 5.71; Layer 5cm - 12cm EC (dS/m) 0.097; pH 5.57.
A12	12 - 24cm	Dark greyish brown (10YR 4/2) moist, silty clay loam; greyish brown (10YR 5/2) dry, silty clay loam; moderate, 5-10mm moderate structure; no mottles; very few (<2%), fine (<2mm), ferromanganiferous nodules; very few (<2%), fine gravelly (2-6mm); non-repellent. Layer 12cm - 24cm EC (dS/m) 0.072; pH 5.68.
A2	24 - 32cm	Greyish brown (10YR 5/2) moist, silty loam; light brownish grey (10YR 6/2) dry, silty loam; massive, massive structure; no mottles; non-repellent. Layer 24cm - 32cm EC (dS/m) 0.061; pH 5.6.
B1	32 - 46cm	Dark brown (10YR 3/3) moist, medium clay; moderate, 20-50mm moderate structure; few (2-10%); common (10-50% of ped faces or walls coated), distinct clay skins; non-repellent. Layer 32cm - 46cm EC (dS/m) 0.323; pH 6.26.
B2	46 - 76cm	Olive brown (2.5Y 4/4) moist, light medium clay; massive, massive structure; very few (<2%); few (<10% of ped faces or walls coated), distinct clay skins; non-repellent. Layer 46cm - 76cm EC (dS/m) 1.294; pH 7.74.
B3	76 - 120cm	Olive brown (2.5Y 4/4) moist, light clay; massive structure; very few (<2%); few (2-10%), medium (2-6mm), ferromanganiferous nodules; non-repellent. Layer 76cm - 98cm EC (dS/m) 2.02; pH 8.08; Layer 98cm - 120cm EC (dS/m) 2.34; pH 8.08.
2BC	120 - 150cm	Light olive brown (2.5Y 5/4) moist, loamy fine sand; massive structure; few (2-10%); non-repellent. Layer 120cm - 150cm EC (dS/m) 0.942; pH 8.42.