

**Site Information**

**Easting:** 523266  
**Northing:** 5389476  
**Describer:** R Moreton  
**Date:** 03-Mar-2017

**Runoff:** Moderately rapid  
**Permeability:** Moderately 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:** Gently inclined (3-10%)  
**Element Morph. Type:** Mid-slope  
**Element Type:** Riseslope

**Landform Pattern (300m radius)**

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

**Morphological Description**

Horizon	Depth	Description
Ap	0 - 20cm	Dark brown (10YR 3/3) moist, fine sandy clay loam; weak, 5-10mm structure; few (2-10%) mottles; non-repellent. Layer 0cm - 5cm EC (dS/m) 0.31; pH 6.27; Layer 5cm - 20cm EC (dS/m) 0.172; pH 5.99.
B1	20 - 50cm	Brown (10YR 4/3) moist, light clay; weak, 10-20mm structure; few (2-10%) mottles; few (2-10%), medium (2-6mm), manganiferous soft segregations; weakly cemented, densipan pan; non-repellent. Layer 20cm - 50cm EC (dS/m) 0.107; pH 6.53.
B21	50 - 80cm	Dark yellowish brown (10YR 4/4) moist, light clay; massive structure; few (2-10%) mottles; few (2-10%), medium (2-6mm), manganiferous soft segregations; non-repellent. Layer 50cm - 80cm EC (dS/m) 0.141; pH 6.86.
B22	80 - 128cm	Greyish brown (2.5Y 5/2) moist, light clay; massive structure; few (2-10%) mottles; few (2-10%), medium (2-6mm), manganiferous soft segregations; non-repellent. Layer 80cm - 104cm EC (dS/m) 0.128; pH 7.07; Layer 104cm - 128cm EC (dS/m) 0.135; pH 7.58.
B3	128 - 152cm	Light brownish grey (2.5Y 6/2) moist, light clay; massive structure; few (2-10%) mottles; non-repellent. Layer 128cm - 152cm EC (dS/m) 0.181; pH 7.68.