

**Site Information**

**Easting:** 537543  
**Northing:** 5371793  
**Describer:** R Moreton  
**Date:** 06-Apr-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):** 0.87  
**Surface Coarse Fragments:** No surface coarse fragments

**Land Form Information**

**Landform Element (20m radius)**

**Element Slope Class:** Gently inclined (3-10%)  
**Element Morph. Type:** Upper-slope  
**Element Type:** Hillslope

**Landform Pattern (300m radius)**

**Pattern Type:** Rises  
**Pattern Slope Class:** Gently inclined (3-10%)  
**Pattern Relief Class:** Very low (9-30m)  
**Relief Modal Slope:** Undulating rises

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

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

**Soil Classification**

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

**Morphological Description**



Horizon	Depth	Description
A1	0 - 10cm	Very dark greyish brown (10YR 3/2) moist sandy clay loam; moderate, 5-10 mm structure; very few (<2%) mottles; non-repellent. Layer 0- 5cm EC (dS/m) 0.811; pH 6.4; Layer 5- 10cm EC (dS/m) 0.307; pH 5.7.
B1	10 - 36cm	Yellowish brown (10YR 5/4) moist light clay; strong, 20-50 mm structure; common (10-20%) mottles; common (10-50% of ped faces or walls coated), distinct clay skins; few (2-10%), medium (2-6mm), ferromanganiferous soft segregations; non-repellent. Layer 10- 36cm EC (dS/m) 0.697; pH 4.65.
B2	36 - 62cm	Greyish brown (10YR 5/2) moist light medium clay; strong, 50-100 mm structure; common (10-20%) mottles; few (<10% of ped faces or walls coated), distinct clay skins; few (2-10%), medium (2-6mm), manganiferous soft segregations; few (2-10%), medium gravelly (6-20mm); non-repellent. Layer 36- 62cm EC (dS/m) 0.914; pH 4.69.
BC	62 - 87cm	Dark grey (10YR 4/1) moist light clay; strong, 50-100 mm structure; common (10-20%) mottles; few (<10% of ped faces or walls coated), distinct slicken sides; common (10-20%), coarse gravelly (20-60mm); non-repellent. Layer 62- 87cm EC (dS/m) 0.666; pH 5.43.
2C1	87 - 147cm	Light grey (2.5Y 7/2) moist fine sandy light clay; weak, 100-200 mm structure; very few (<2%) mottles; few (<10% of ped faces or walls coated), faint clay skins; non-repellent. Layer 87- 117cm EC (dS/m) 0.802; pH 4.97; Layer 117- 147cm EC (dS/m) 0.644; pH 5.3.
2C2	147 - 155cm	Yellowish brown (10YR 5/8) moist fine sandy light clay; massive structure; very few (<2%) mottles; non-repellent.