

**Site Information**

**Easting:** 535538  
**Northing:** 5311146  
**Describer:** R Moreton  
**Date:** 16-May-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):** 0.67  
**Surface Coarse Fragments:** Few (2-10%), Cobbly (60-200mm)

**Land Form Information**

**Landform Element (20m radius)**

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

**Landform Pattern (300m radius)**

**Pattern Type:** Low hills  
**Pattern Slope Class:** Moderately inclined (10-32%)  
**Pattern Relief Class:** Low (30-90m)  
**Relief Modal Slope:** Rolling low hills

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

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

**Soil Classification**

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

**Morphological Description**

Horizon	Depth	Description
Ap	0 - 20cm	Dark brown (10YR 3/3) moist fine sandy clay loam; moderate, 2-5 mm structure; very few (<2%) mottles; non-repellent. Layer 0- 5cm EC (dS/m) 0.433; pH 5.04; Layer 5- 20cm EC (dS/m) 0.239; pH 4.98.
A2	20 - 37cm	Light brownish grey (10YR 6/2) moist fine sandy loam; weak, 5-10 mm structure; few (2-10%) mottles; few (2-10%), medium (2-6mm), ferromanganiferous nodules; few (2-10%), coarse gravelly (20-60mm); non-repellent. Layer 20- 37cm EC (dS/m) 0.115; pH 5.43.
2B2	37 - 67cm	Dark greyish brown (10YR 4/2) moist fine sandy light medium clay; moderate, 10-20 mm structure; common (10-20%) mottles; common (10-50% of ped faces or walls coated), distinct clay skins; very few (<2%), medium (2-6mm), manganiferous soft segregations; non-repellent. Layer 37- 67cm EC (dS/m) 0.18; pH 4.99.
3C1	67 - 88cm	Pale yellow (5Y 8/2) moist clayey sand; massive structure; few (2-10%) mottles; few (2-10%), very coarse (20-60mm), manganiferous soft segregations; non-repellent. Layer 67- 88cm EC (dS/m) 0.119; pH 5.15.
3C2	88 - 114cm	White (5Y 8/1) moist loamy sand; massive structure; few (2-10%) mottles; few (2-10%), very coarse (20-60mm), manganiferous soft segregations; non-repellent. Layer 88- 114cm EC (dS/m) 0.129; pH 4.89.

