

**Site Information**

**Easting:** 523695  
**Northing:** 5393077  
**Describer:** R Moreton  
**Date:** 14-Feb-2017

**Runoff:** Slow  
**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:** Footslope

**Landform Pattern (300m radius)**  
**Pattern Type:** Low hills  
**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:** Bleached-Orthic Tenosol  
**ASC Confidence:** No analytical data and little or no knowledge of this soil.  
**Soil Name:**

**Morphological Description**

Horizon	Depth	Description
A1	0 - 20cm	Dark brown (10YR 3/3) moist, brown (10YR 5/3) dry, silty clay loam; weak, 2-5mm structure; few (2-10%) mottles; very few (<2%), medium (2-6mm), ferromanganiferous nodules; non-repellent. Layer 0cm - 5cm EC (dS/m) 0.133; pH 5.64; Layer 5cm - 20cm EC (dS/m) 0.093; pH 5.41.
A2	20 - 30cm	Brown (10YR 4/3) moist, silty loam; single grain structure; common (10-20%) mottles; common (10-20%), medium (2-6mm), ferromanganiferous nodules; weakly cemented, densipan pan; non-repellent. Layer 20cm - 30cm EC (dS/m) 0.045; pH 5.9.
B1	30 - 75cm	Dark yellowish brown (10YR 4/6) moist, sandy light clay; weak, 20-50mm structure; few (2-10%) mottles; common (10-50% of ped faces or walls coated), distinct clay skins; non-repellent. Layer 30cm - 52cm EC (dS/m) 0.102; pH 6.23; Layer 52cm - 75cm EC (dS/m) 0.093; pH 6.55.
B2	75 - 104cm	Yellowish brown (10YR 5/6) moist, fine sandy light clay; massive structure; few (2-10%) mottles; non-repellent. Layer 75cm - 104cm EC (dS/m) 0.104; pH 7.26.
B31	104 - 129cm	Strong brown (7.5YR 4/6) moist, fine sandy light clay; massive structure; common (10-20%) mottles; very few (<2%), medium (2-6mm), ferromanganiferous nodules; non-repellent. Layer 104cm - 129cm EC (dS/m) 0.1; pH 7.6.
B32	129 - 155cm	Dark greyish brown (10YR 4/2) moist, light clay; massive structure; common (10-20%) mottles; very few (<2%), medium (2-6mm), ferromanganiferous nodules; very few (<2%), medium gravelly (6-20mm); non-repellent. Layer 129cm - 155cm EC (dS/m) 0.124; pH 7.95.