

**Site Information**

**Easting:** 547371  
**Northing:** 5465229  
**Describer:** R Moreton  
**Date:** 17-Oct-2017

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

**Depth to Watertable (m):** 1.36  
**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:** Sand 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:** Stable, Minor wind erosion

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

**Soil Classification**

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

**Morphological Description**

Horizon	Depth	Description
A1	0 - 18cm	Very dark grey (10YR 3/1) moist loamy fine sand; weak structure; no mottles; non-repellent. Layer 0- 5cm EC (dS/m) 0.026; pH 5.1; Layer 5- 18cm EC (dS/m) 0.03; pH 4.87.
A21e	18 - 48cm	Light brownish grey (10YR 6/2) moist; light grey (10YR 7/1) dry loamy fine sand; single grain structure; very few (<2%) mottles; water repellent. Layer 18- 48cm EC (dS/m) 0.014; pH 4.79.
A22	48 - 76cm	Light brownish grey (10YR 6/2) moist fine sand; single grain structure; very few (<2%) mottles; few (2-10%), fine (<2mm), organic (humified) soft segregations; non-repellent. Layer 48- 76cm EC (dS/m) 0.049; pH 4.62.
B2hs	76 - 106cm	Very dark brown (10YR 2/2) moist sandy loam; massive structure; few (2-10%) mottles; common (10-20%), coarse (6-20mm), ferromanganiferous fragments; moderately cemented, organic pan pan; non-repellent. Layer 76- 106cm EC (dS/m) 0.09; pH 5.29.
B31	106 - 136cm	Brown (10YR 5/3) moist loamy fine sand; massive structure; few (2-10%) mottles; non-repellent. Layer 106- 136cm EC (dS/m) 0.081; pH 5.27.