

**Site Information**

**Easting:** 502502  
**Northing:** 5309160  
**Describer:** Peter Johnston  
**Date:** 29-Apr-2016

**Runoff:** Very slow  
**Permeability:** No Data  
**Drainage:** Moderately well drained  
**Land Capability:** No Data  
**Observation Type:** Soil pit

**Depth to Watertable (m):** No Data  
**Depth to Substrate (m):** 1.3  
**Surface Coarse Fragments:**

**Land Form Information**

**Landform Element (20m radius)**

**Element Slope Class:** Level (<1%)  
**Element Morph. Type:** Flat  
**Element Type:** Terrace plain

**Landform Pattern (300m radius)**

**Pattern Type:** No Data  
**Pattern Slope Class:** No Data  
**Pattern Relief Class:** No Data  
**Relief Modal Slope:** No Data

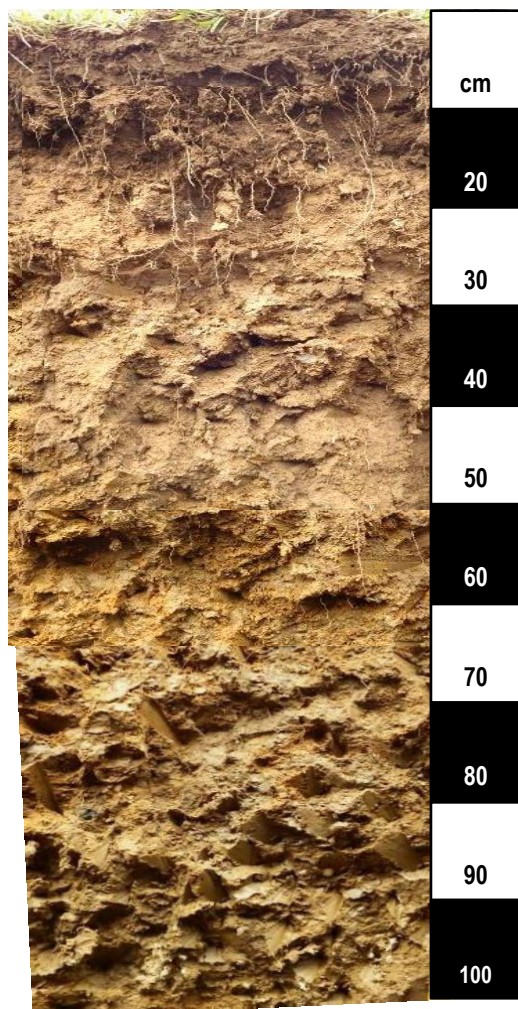
**Inundation Frequency:** No Data  
**Rainfall:** No Data  
**Erosion:** No Data

**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:** Tea Tree SPC

**Morphological Description**



Horizon	Depth	Description
A1	0 - 17cm	Brown (10YR 4/3) moist sandy clay loam; weak, 2-5 mm, weak polyhedral structure.
A2	17 - 30cm	Dark brown (10YR 3/3) moist sandy loam; weak, 10-20 mm, weak polyhedral structure.
B21	30 - 55cm	Dark brown (10YR 3/3) moist clay loam, sandy; weak, 20-50 mm, weak prismatic structure; common (10-20%), coarse (15-30mm), distinct dark yellowish brown (10YR 4/6) mottls.
B22	55 - 90cm	Reddish brown (2.5YR 4/4) moist light clay; weak, 20-50 mm, weak prismatic structure; many (20-50%), medium (5-15mm), distinct dark yellowish brown (10YR 4/6) mottles; common (10-50% of ped faces or walls coated), slicken sides; many (20-50%), medium (2-6mm), manganiferous nodules.
B2	90 - 130cm	Dark yellowish brown (10YR 3/7) moist heavy clay; weak, weak prismatic structure; many (>50% of ped faces or walls coated), slicken sides; many (20-50%), very coarse (20-60mm), calcareous concretions.
C	130 - 131cm	Weathered dolerite.