

**Project Name:** ACR  
**Project Code:** ACR      **Site ID:** T567      **Observation ID:** 1  
**Agency Name:** CSIRO Division of Soils (QLD)

**Site Information**

<b>Desc. By:</b>	G.G. Murtha	<b>Locality:</b>	
<b>Date Desc.:</b>	18/08/92	<b>Elevation:</b>	No Data
<b>Map Ref.:</b>	Sheet No. : 8062 1:100000	<b>Rainfall:</b>	0
<b>Northing/Long.:</b>	145.991666666667	<b>Runoff:</b>	Rapid
<b>Easting/Lat.:</b>	-17.6208333333333	<b>Drainage:</b>	Well drained

**Geology**

<b>ExposureType:</b>	No Data	<b>Conf. Sub. is Parent. Mat.:</b>	No Data
<b>Geol. Ref.:</b>	No Data	<b>Substrate Material:</b>	Metamorphic rock (unidentified)

**Land Form**

<b>Rel/Slope Class:</b>	Undulating low hills 30-90m 3-10%	<b>Pattern Type:</b>	Hills
<b>Morph. Type:</b>	Upper-slope	<b>Relief:</b>	No Data
<b>Elem. Type:</b>	Hillslope	<b>Slope Category:</b>	Moderately inclined
<b>Slope:</b>	9 %	<b>Aspect:</b>	No Data

**Surface Soil Condition (dry):** N/A

**Erosion:**

**Soil Classification**

<b>Australian Soil Classification:</b>	N/A	<b>Mapping Unit:</b>	N/A
<b>ASC Confidence:</b>	Confidence level not specified	<b>Principal Profile Form:</b>	Gn3.11
		<b>Great Soil Group:</b>	Red podzolic soil

**Site Disturbance:** Complete clearing. Pasture, native or improved, cultivated at some stage

**Vegetation:** Low Strata - Sod grass, 0.51-1m, Closed or dense. \*Species includes - Imperata cylindrica

**Surface Coarse Fragments:** No surface coarse fragments

**Profile Morphology**

A1	0 - 0.15 m	Dark reddish brown (2.5YR3/4-Moist); ; Clay loam; Moderate grade of structure, 5-10 mm, Cast; Moist; Weak consistence; 2-10%, coarse gravelly, 20-60mm, subrounded platy, Metamorphic rock (unidentified), coarse fragments; Abundant, fine (1-2mm) roots;
A3	0.15 - 0.3 m	Red (2.5YR4/6-Moist); ; Light clay; Moderate grade of structure, 5-10 mm, Subangular blocky; Weak grade of structure, 5-10 mm, Cast; Moist; Firm consistence; 2-10%, coarse gravelly, 20-60mm, subrounded platy, Metamorphic rock (unidentified), coarse fragments; Many, fine (1-2mm) roots;
B1	0.3 - 0.6 m	Red (2.5YR4/6-Moist); ; Light clay (Heavy); Moderate grade of structure, 10-20 mm, Subangular blocky; Moist; Very firm consistence; 10-20%, cobbly, 60-200mm, subrounded, Quartzite, coarse fragments; Common, fine (1-2mm) roots;
B2	0.6 - 0.9 m	Red (2.5YR4/6-Moist); ; Light medium clay; Moderate grade of structure, 10-20 mm, Subangular blocky; Moist; Very firm consistence; 10-20%, cobbly, 60-200mm, subrounded, Quartzite, coarse fragments;
B2	0.9 - 1.2 m	Red (2.5YR4/6-Moist); ; Light medium clay; Moderate grade of structure, 10-20 mm, Subangular blocky; Moist; Very firm consistence; 10-20%, cobbly, 60-200mm, subrounded, Quartzite, coarse fragments;

**Morphological Notes**

B2 Max on Quartzite gravel.

**Observation Notes**

**Site Notes**

SOUTH JOHNSTON

**Laboratory Test Results:**

0 - 0.15  
0.15 - 0.3  
0.3 - 0.6  
0.6 - 0.9  
0.9 - 1.2

0 - 0.15  
0.15 - 0.3  
0.3 - 0.6  
0.6 - 0.9  
0.9 - 1.2

0 - 0.15  
0.15 - 0.3  
0.3 - 0.6  
0.6 - 0.9  
0.9 - 1.2

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Laboratory Analyses Completed for this profile