

**Project Name:** RR  
**Project Code:** RR      **Site ID:** B286      **Observation ID:** 1  
**Agency Name:** CSIRO Division of Soils (QLD)

**Site Information**

<b>Desc. By:</b>	G.D. Hubble	<b>Locality:</b>	
<b>Date Desc.:</b>	01/10/56	<b>Elevation:</b>	200 metres
<b>Map Ref.:</b>	Sheet No. : 8062 1:100000	<b>Rainfall:</b>	4826
<b>Northing/Long.:</b>	145.836111111111	<b>Runoff:</b>	Moderately rapid
<b>Easting/Lat.:</b>	-17.848611111111	<b>Drainage:</b>	Well drained

**Geology**

<b>ExposureType:</b>	Soil pit	<b>Conf. Sub. is Parent. Mat.:</b>	No Data
<b>Geol. Ref.:</b>	Pgb	<b>Substrate Material:</b>	Auger boring, 2.4 m deep, Granodiorite

**Land Form**

<b>Rel/Slope Class:</b>	No Data	<b>Pattern Type:</b>	Hills
<b>Morph. Type:</b>	Crest	<b>Relief:</b>	No Data
<b>Elem. Type:</b>	Hillslope	<b>Slope Category:</b>	No Data
<b>Slope:</b>	35 %	<b>Aspect:</b>	No Data

**Surface Soil Condition (dry):** Loose

**Erosion:**

**Soil Classification**

<b>Australian Soil Classification:</b>		<b>Mapping Unit:</b>	N/A
Haplic Mesotrophic Red Dermosol		<b>Principal Profile Form:</b>	Gn2.14
<b>ASC Confidence:</b>		<b>Great Soil Group:</b>	Red earth

No analytical data are available but confidence is fair.

**Site Disturbance:** Limited clearing, for example selective logging

**Vegetation:**

Tall Strata - Tree, 12.01-20m, Closed or dense. \*Species includes - Agathis robusta, Eucalyptus delegatensis

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

**Profile Morphology**

A1	0 - 0.03 m	Brown (10YR4/3-Moist); ; Clay loam; Strong grade of structure, 2-5 mm, Granular; Moist; Weak consistence; 0-2%, fine gravelly, 2-6mm, Quartz, coarse fragments; Many, fine (1-2mm) roots; Abrupt change to -
A2	0.03 - 0.23 m	Yellowish brown (10YR5/5-Moist); ; Clay loam (Heavy); Strong grade of structure, 10-20 mm, Subangular blocky; Moist; Weak consistence; 0-2%, fine gravelly, 2-6mm, Quartz, coarse fragments; Common, very fine (0-1mm) roots; Gradual change to -
B2	0.23 - 0.41 m	Red (2.5YR4/7-Moist); ; Light clay; Strong grade of structure, 10-20 mm, Polyhedral; Moist; Weak consistence; 2-10%, fine gravelly, 2-6mm, Quartz, coarse fragments; Few, very fine (0-1mm) roots; Gradual change to -
B21	0.41 - 0.66 m	Red (2.5YR4/6-Moist); ; Light clay; Moderate grade of structure, 10-20 mm, Polyhedral; Moist; Weak consistence; 2-10%, fine gravelly, 2-6mm, Quartz, coarse fragments; Diffuse change to -
B22	0.66 - 1.07 m	Red (10R4/5-Moist); ; Light clay; Weak grade of structure, Polyhedral; Moist; Weak consistence; 2-10%, fine gravelly, 2-6mm, Quartz, coarse fragments; Diffuse change to -
B3	1.37 - 1.83 m	Red (10R5/6-Moist); ; Silty clay loam; Weak grade of structure, Polyhedral; Moist; Weak consistence; 2-10%, fine gravelly, 2-6mm, Quartz, coarse fragments; Diffuse change to -
C	2.36 - 2.82 m	Red (10R5/5-Moist); ; Silty loam; Massive grade of structure; Moist; Very weak consistence; 10-20%, fine gravelly, 2-6mm, Quartz, coarse fragments; Diffuse change to -
C	3.96 - 4.42 m	Red (10R4/6-Moist); ; Silty loam; Massive grade of structure; Moist; Very weak consistence; 10-20%, fine gravelly, 2-6mm, Quartz, coarse fragments;
	4.88 - 5.18 m	; Silty loam;
	5.33 - 5.79 m	; Silty loam;
	6.4 - 6.71 m	; Silty loam;
	- m	;

**Morphological Notes**

Rock sample taken from surface outcrop

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**Observation Notes**

0-3CM POROUS GRANULAR

**Site Notes**

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0 - 0.03  
0.03 - 0.23  
0.23 - 0.41  
0.41 - 0.66  
0.66 - 1.07  
1.37 - 1.83  
2.36 - 2.82  
3.96 - 4.42  
4.88 - 5.18  
5.33 - 5.79  
6.4 - 6.71

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Laboratory Analyses Completed for this profile