

**Project Name:** RR  
**Project Code:** RR      **Site ID:** B295      **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>	17/10/56	<b>Elevation:</b>	259 metres
<b>Map Ref.:</b>	Sheet No. : 8258 1:100000	<b>Rainfall:</b>	635
<b>Northing/Long.:</b>	146.647222222222	<b>Runoff:</b>	Moderately rapid
<b>Easting/Lat.:</b>	-19.8736111111111	<b>Drainage:</b>	Well drained

**Geology**

<b>ExposureType:</b>	Soil pit	<b>Conf. Sub. is Parent. Mat.:</b>	No Data
<b>Geol. Ref.:</b>	S-Dr	<b>Substrate Material:</b>	Soil pit, 0.56 m deep,Porous, Diorite

**Land Form**

<b>Rel/Slope Class:</b>	No Data	<b>Pattern Type:</b>	Hills
<b>Morph. Type:</b>	Upper-slope	<b>Relief:</b>	30 metres
<b>Elem. Type:</b>	Hillslope	<b>Slope Category:</b>	No Data
<b>Slope:</b>	0 %	<b>Aspect:</b>	No Data

**Surface Soil Condition (dry):**

**Erosion:**

**Soil Classification**

<b>Australian Soil Classification:</b>		<b>Mapping Unit:</b>	N/A
Haplic Eutrophic Red Chromosol		<b>Principal Profile Form:</b>	Dr2.2
<b>ASC Confidence:</b>		<b>Great Soil Group:</b>	Red-brown earth

No analytical data are available but confidence is fair.

**Site Disturbance:** No effective disturbance other than grazing by hoofed animals

**Vegetation:** Low Strata - Tussock grass, , . \*Species includes - None recorded  
Tall Strata - Tree, 6.01-12m, Sparse. \*Species includes - Eucalyptus dichromophloia, Eucalyptus crebra, Acacia species

**Surface Coarse Fragments:** 0-2%, stony, 200-600mm, , Igneous rock (unidentified)

**Profile Morphology**

A1	0 - 0.1 m	Dark brown (7.5YR3/2-Dry); ; Loam (Heavy); Massive grade of structure; Many (>5 per 0.01m2) Medium (2-5mm) macropores, Moist; Weak consistence; 0-2%, fine gravelly, 2-6mm, Igneous rock (unidentified), coarse fragments; Clear change to -
B2	0.13 - 0.36 m	Dark reddish brown (2.5YR3/4-Moist); ; Medium clay; Moderate grade of structure, Prismatic; Moderate grade of structure, 20-50 mm, Angular blocky; Common (1-5 per 100mm2) Very fine (0.075-1mm) macropores, Moist; Firm consistence; 0-2%, fine gravelly, 2-6mm, Igneous rock (unidentified), coarse fragments; Diffuse change to -
BC	0.38 - 0.51 m	Brown (7.5YR5/4-Moist); ; Clay loam (Heavy); Weak grade of structure, Prismatic; Weak grade of structure, 20-50 mm, Angular blocky; Moist; Firm consistence; Diffuse change to -
C	0.56 - 0.89 m	White (10YR8/1-Moist); , 10YR64, 20-50% , 0-5mm, Faint; , 10YR44, 20-50% , 0-5mm, Faint; Sandy loam; Massive grade of structure; Dry; Very weak consistence;
C	0.91 - 1.32 m	; Loamy sand;
C	1.32 - 1.73 m	; Sand;

**Morphological Notes**

**Observation Notes**

10-13CM A2 HORIZON (5YR44) DISCARDED:RED BROWN EARTH NORTHERN SUB GROUPKAOLIN CLAYS

**Site Notes**

MINGELA

**Laboratory Test Results:**

[illegible]

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Laboratory Analyses Completed for this profile