

**Project Name:** RR  
**Project Code:** RR      **Site ID:** B262      **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>	01/01/54	<b>Elevation:</b>	1067 metres
<b>Map Ref.:</b>	Sheet No. : 9244 1:100000	<b>Rainfall:</b>	1143
<b>Northing/Long.:</b>	151.602777777778	<b>Runoff:</b>	Moderately rapid
<b>Easting/Lat.:</b>	-26.8911111111111	<b>Drainage:</b>	Well drained

**Geology**

<b>ExposureType:</b>	Existing vertical exposure	<b>Conf. Sub. is Parent. Mat.:</b>	No Data
<b>Geol. Ref.:</b>	Tm	<b>Substrate Material:</b>	Existing vertical exposure, 0.61 m deep,Basalt

**Land Form**

<b>Rel/Slope Class:</b>	Steep mountains >300m 32-56%	<b>Pattern Type:</b>	Mountains
<b>Morph. Type:</b>	Upper-slope	<b>Relief:</b>	No Data
<b>Elem. Type:</b>	Hillslope	<b>Slope Category:</b>	No Data
<b>Slope:</b>	0 %	<b>Aspect:</b>	No Data

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

**Erosion:**

**Soil Classification**

<b>Australian Soil Classification:</b>		<b>Mapping Unit:</b>	N/A
Haplic Eutrophic Black Dermosol		<b>Principal Profile Form:</b>	Gn3.41
<b>ASC Confidence:</b>		<b>Great Soil Group:</b>	Prairie soil
All necessary analytical data are available.			

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

**Vegetation:**

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

**Profile Morphology**

A1	0 - 0.1 m	Dark greyish brown (10YR4/2-Moist); ; Clay loam; Strong grade of structure, 2-5 mm, Granular; Moderately moist; Weak consistence; Field pH 5.5 (pH meter); Many, very fine (0-1mm) roots; Gradual change to -
B2	0.15 - 0.41 m	Very dark grey (10YR3/1-Moist); ; Light medium clay; Strong grade of structure, 10-20 mm, Angular blocky; Moderately moist; Weak consistence; Field pH 5.8 (pH meter); Many, very fine (0-1mm) roots; Gradual change to -
B2	0.41 - 0.51 m	Brown (7.5YR4/2-Moist); ; Medium clay; Moderate grade of structure, 10-20 mm, Angular blocky; Moderately moist; Firm consistence; Field pH 6.2 (pH meter); Common, very fine (0-1mm) roots; Diffuse change to -
C	0.51 - 0.61 m	Brown (7.5YR4/2-Moist); ; Light clay; Weak grade of structure, 20-50 mm, Angular blocky; Moderately moist; Weak consistence; 2-10%, Substrate material, coarse fragments; Field pH 6.4 (pH meter);

**Morphological Notes**

**Observation Notes**

0-10CM POROUS GRANULAR BUNYA `BALDS'GRASSLAND SURROUNDED BY FOREST

**Site Notes**

MT MOWBULLEN

**Observation ID: 1**

[illegible]

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**Laboratory Analyses Completed for this profile**

15_NR_CA	Exch. basic cations (Ca++) - meq per 100g of soil - Not recorded
15_NR_H	Hydrogen Cation - meq per 100g of soil - Not recorded
15_NR_K	Exch. basic cations (K++) - meq per 100g of soil - Not recorded
15_NR_MG	Exch. basic cations (Mg++) - meq per 100g of soil - Not recorded
15_NR_NA	Exch. basic cations (Na++) - meq per 100g of soil - Not recorded
2A1	Air-dry moisture content
3_NR	Electrical conductivity or soluble salts - Not recorded
4_NR	pH of soil - Not recorded
5_NR	Water soluble Chloride - Cl(%) - Not recorded
6A1	Organic carbon - Walkley and Black
7_NR	Total nitrogen (%) - Not recorded
9_NR	Available P (mg/kg) - Not recorded
9A_NR	Total element - P(%) - Not recorded
P10_GRAV	Gravel (%)
P10_NR_C	Clay (%) - Not recorded
P10_NR_CS	Coarse sand (%) - Not recorded
P10_NR_FS	Fine sand (%) - Not recorded
P10_NR_Z	Silt (%) - Not recorded