

**Project Name:** CB  
**Project Code:** CB **Site ID:** B382 **Observation ID:** 1  
**Agency Name:** CSIRO Division of Soils (QLD)

**Site Information**

<b>Desc. By:</b>	C.J. de Mooy	<b>Locality:</b>	
<b>Date Desc.:</b>	24/04/59	<b>Elevation:</b>	128 metres
<b>Map Ref.:</b>	Sheet No. : 9246 1:100000	<b>Rainfall:</b>	762
<b>Northing/Long.:</b>	151.778611111111	<b>Runoff:</b>	Very slow
<b>Easting/Lat.:</b>	-25.5719444444445	<b>Drainage:</b>	Poorly drained

**Geology**

<b>ExposureType:</b>	Soil pit	<b>Conf. Sub. is Parent. Mat.:</b>	No Data
<b>Geol. Ref.:</b>	QZ	<b>Substrate Material:</b>	Auger boring, 1 m deep, Unconsolidated material (unidentified)

**Land Form**

<b>Rel/Slope Class:</b>	Gently undulating rises 9-30m 1-3%	<b>Pattern Type:</b>	Rises
<b>Morph. Type:</b>	No Data	<b>Relief:</b>	No Data
<b>Elem. Type:</b>	Plain	<b>Slope Category:</b>	No Data
<b>Slope:</b>	0 %	<b>Aspect:</b>	No Data

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

**Erosion:**

**Soil Classification**

<b>Australian Soil Classification:</b>		<b>Mapping Unit:</b>	N/A
Endocalcareous Crusty Black Vertosol		<b>Principal Profile Form:</b>	Ug5.4
<b>ASC Confidence:</b>		<b>Great Soil Group:</b>	Black earth
All necessary analytical data are available.			

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

**Vegetation:**

Tall Strata - Tree, 6.01-12m, Sparse. \*Species includes - Eucalyptus species

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

**Profile Morphology**

A1	0 - 0.15 m	Very dark grey (10YR3/1-Moist); ; Light clay; Massive grade of structure; Moderately moist; Very firm consistence; Field pH 7.5 (pH meter); Gradual change to -
B2	0.15 - 0.3 m	Very dark grey (10YR3/1-Moist); ; Medium clay; Strong grade of structure, 10-20 mm, Angular blocky; Moderately moist; Very firm consistence; Field pH 8 (pH meter); Gradual change to -
B2	0.3 - 0.46 m	Very dark grey (10YR3/1-Moist); ; Medium clay; Strong grade of structure, 10-20 mm, Angular blocky; Moderately moist; Very firm consistence; Field pH 8 (pH meter); Gradual change to -
B2	0.61 - 0.76 m	Dark greyish brown (10YR4/2-Moist); ; Medium clay; Strong grade of structure, 20-50 mm; Moderately moist; Very firm consistence; Very few (0 - 2 %), Calcareous, , Nodules; Field pH 8.8 (pH meter); Gradual change to -
B2	0.76 - 0.91 m	Dark greyish brown (10YR4/2-Moist); ; Medium clay; Strong grade of structure, 20-50 mm; Moderately moist; Very firm consistence; Few (2 - 10 %), Calcareous, , Nodules; Field pH 9 (pH meter);

**Morphological Notes**

**Observation Notes**

0-15CM MASSIVE GRADING TO BLOCKY STRUCTURE:

**Site Notes**

CENTRAL BURNET

**Observation ID: 1**

[illegible]

**Project Name:** CB  
**Project Code:** CB      **Site ID:** B382      **Observation ID:** 1  
**Agency Name:** CSIRO Division of Soils (QLD)

**Laboratory Analyses Completed for this profile**

15_NR_CA	Exch. basic cations (Ca++) - meq per 100g of soil - Not recorded
15_NR_CEC	CEC - 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
19B_NR	Calcium Carbonate (CaCO <sub>3</sub> ) - 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
6Z	Organic carbon (%) - Not recorded
7_NR	Total nitrogen (%) - Not recorded
9_NR	Available P (mg/kg) - Not recorded
9A_NR	Total element - P(%) - Not recorded
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
P3A_NR	Bulk density - Not recorded
P3B_VL_01	0.1 BAR Moisture m <sup>3</sup> /m <sup>3</sup> - Volumetric using suction plate