

**Project Name:** CB  
**Project Code:** CB      **Site ID:** B415      **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>	27/04/60	<b>Elevation:</b>	183 metres
<b>Map Ref.:</b>	Sheet No. : 9146 1:100000	<b>Rainfall:</b>	635
<b>Northing/Long.:</b>	151.34111111111111	<b>Runoff:</b>	Moderately rapid
<b>Easting/Lat.:</b>	-25.6541666666667	<b>Drainage:</b>	Well drained

**Geology**

<b>ExposureType:</b>	Soil pit	<b>Conf. Sub. is Parent. Mat.:</b>	No Data
<b>Geol. Ref.:</b>	D	<b>Substrate Material:</b>	Soil pit, 0.51 m deep, Detrital sedimentary rock (unidentified)

**Land Form**

<b>Rel/Slope Class:</b>	Gently undulating rises 9-30m 1-3%	<b>Pattern Type:</b>	Rises
<b>Morph. Type:</b>	Upper-slope	<b>Relief:</b>	No Data
<b>Elem. Type:</b>	No Data	<b>Slope Category:</b>	No Data
<b>Slope:</b>	2.92 %	<b>Aspect:</b>	No Data

**Surface Soil Condition (dry):** Self-mulching

**Erosion:**

**Soil Classification**

<b>Australian Soil Classification:</b>		<b>Mapping Unit:</b>	N/A
Haplic Self-Mulching Red Vertosol		<b>Principal Profile Form:</b>	Dr4.12
<b>ASC Confidence:</b>		<b>Great Soil Group:</b>	No suitable
All necessary analytical data are available.			

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

**Vegetation:**

Tall Strata - Tree, 3.01-6m, Closed or dense. \*Species includes - Brachychiton rupestris

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

**Profile Morphology**

A1	0 - 0.05 m	Dark reddish brown (5YR3/2-Moist); ; Clay loam (Light); Strong grade of structure, 2-5 mm, Granular; Moist; Very weak consistence; Field pH 6.8 (pH meter); AbundantClear change to -
B2	0.05 - 0.2 m	Dark reddish brown (5YR3/3-Moist); ; Medium clay; Strong grade of structure, 20-50 mm, Angular blocky; Moist; Very weak consistence; 2-10%, medium gravelly, 6-20mm, coarse fragments; Field pH 7.3 (pH meter); Gradual change to -
BC	0.2 - 0.46 m	Dark reddish brown (2.5YR3/4-Moist); ; Medium clay; Strong grade of structure, 5-10 mm, Angular blocky; Moist; Firm consistence; 10-20%, medium gravelly, 6-20mm, coarse fragments; Field pH 7.7 (pH meter); Gradual change to -
C	0.46 - 0.76 m	; Field pH 7.5 (pH meter);

**Morphological Notes**

C Weathered rock with pockets of clay.

**Observation Notes**

0-5CM POROUS GRANULAR.

**Site Notes**

CENTRAL BURNET

**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