

Project Name: CB
Project Code: CB **Site ID:** B413 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (QLD)

Site Information

Desc. By:	G.D. Hubble	Locality:	
Date Desc.:	05/06/59	Elevation:	250 metres
Map Ref.:	Sheet No. : 9246 1:100000	Rainfall:	762
Northing/Long.:	151.89611111111111	Runoff:	Rapid
Easting/Lat.:	-25.6177777777778	Drainage:	Rapidly drained

Geology

ExposureType:	Soil pit	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	Czub	Substrate Material:	Soil pit, 1 m deep, Unconsolidated material (unidentified)

Land Form

Rel/Slope Class:	Level plain <9m <1%	Pattern Type:	No Data
Morph. Type:	No Data	Relief:	No Data
Elem. Type:	No Data	Slope Category:	No Data
Slope:	0 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Haplic Eutrophic Red Ferrosol		Principal Profile Form:	Gn3.13
ASC Confidence:		Great Soil Group:	Euchrozem
Analytical data are incomplete but reasonable confidence.			

Site Disturbance: Extensive clearing, for example poisoning, ringbarking

Vegetation:

Tall Strata - Tree, 3.01-6m, Closed or dense. *Species includes - None Recorded

Surface Coarse Fragments: 2-10%, stony, 200-600mm, , Basalt

Profile Morphology

A11	0 - 0.11 m	Dark reddish brown (5YR3/4-Dry); ; Clay loam; Strong grade of structure, 5-10 mm, Polyhedral; Dry; Firm consistence; 0-2%, coarse gravelly, 20-60mm, Basalt, coarse fragments; Field pH 7.2 (pH meter); ManyGradual change to -
A12	0.11 - 0.25 m	Dark red (2.5YR3/5-Dry); ; Clay loam; Strong grade of structure, 5-10 mm, Polyhedral; Moderately moist; Weak consistence; Field pH 7.9 (pH meter); CommonGradual change to -
B2	0.25 - 0.41 m	Dark red (2.5YR3/5-Moist); ; Light clay; Strong grade of structure, 5-10 mm, Polyhedral; Moderately moist; Firm consistence; 0-2%, medium gravelly, 6-20mm, Basalt, coarse fragments; Field pH 8.2 (pH meter); CommonGradual change to -
B2	0.41 - 0.53 m	Dark red (2.5YR3/5-Moist); ; Medium clay; Strong grade of structure, 5-10 mm, Polyhedral; Moderately moist; Firm consistence; 2-10%, medium gravelly, 6-20mm, Basalt, coarse fragments; Field pH 8.2 (pH meter); FewGradual change to -
BC	0.53 - 0.74 m	Dark red (2.5YR3/6-Moist); ; Medium clay; Weak grade of structure, 5-10 mm, Polyhedral; Dry; Very firm consistence; 50-90%, stony, 200-600mm, Basalt, coarse fragments; Field pH 8.3 (pH meter); Few, coarse (>5mm) roots;

Morphological Notes

Observation Notes

Site Notes

CENTRAL BURNET

Observation ID: 1

Laboratory Test Results:

Depth	pH	1:5 EC	Ca	Exchangeable Mg	Cations K	Na	Exchangeable Acidity	CEC	ECEC	ESP
m		dS/m				Comol (+)/kg				%
0 - 0.11	7.2H	0.03B	21.4K	3.2	1.5	0.26	8.6D			
0.11 - 0.25	7.9H	0.04B								
0.25 - 0.41	8.2H	0.03B	10.4K	2.7	4.8	0.19	0D			
0.41 - 0.53	8.2H	0.04B								
0.53 - 0.74	8.3H	0.04B								

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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
19B_NR	Calcium Carbonate (CaCO3) - 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
P3A_NR	Bulk density - Not recorded
P3B_VL_01	0.1 BAR Moisture m3/m3 - Volumetric using suction plate