

Project Name: CB
Project Code: CB **Site ID:** B432 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (QLD)

Site Information

Desc. By:	G.D. Hubble	Locality:	
Date Desc.:	28/04/60	Elevation:	128 metres
Map Ref.:	Sheet No. : 9146 1:100000	Rainfall:	635
Northing/Long.:	151.351666666667	Runoff:	Moderately rapid
Easting/Lat.:	-25.612777777778	Drainage:	Moderately well drained

Geology

ExposureType:	Soil pit	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	D	Substrate Material:	Soil pit, 0.61 m deep, Metamorphic rock (unidentified)

Land Form

Rel/Slope Class:	Undulating rises 9-30m 3-10%	Pattern Type:	Rises
Morph. Type:	Mid-slope	Relief:	No Data
Elem. Type:	Hillslope	Slope Category:	No Data
Slope:	3.5 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Haplic Epipedal Red Vertosol		Principal Profile Form:	Ug5.37
ASC Confidence:		Great Soil Group:	Red clay
All necessary analytical data are available.			

Site Disturbance: Limited clearing, for example selective logging

Vegetation: Low Strata - , , . *Species includes - Heteropogon contortus
Tall Strata - Tree, 6.01-12m, Closed or dense. *Species includes - None Recorded

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A	0 - 0.09 m	Dark reddish brown (5YR3/4-Moist); ; Light clay; Weak grade of structure, 2-5 mm, Platy; Moist; Weak consistence; Field pH 6.3 (pH meter); Clear change to -
A	0.09 - 0.23 m	Dark reddish brown (5YR3/4-Moist); ; Light clay; Weak grade of structure, 2-5 mm, Platy; Moist; Weak consistence; 0-2%, fine gravelly, 2-6mm, coarse fragments; Field pH 6.2 (pH meter); Sharp change to -
2A1B	0.23 - 0.38 m	Dusky red (2.5YR3/2-Moist); ; Heavy clay; Strong grade of structure, 10-20 mm, Angular blocky; Moist; Very firm consistence; 0-2%, medium gravelly, 6-20mm, coarse fragments; Field pH 6.4 (pH meter); Gradual change to -
2B2	0.38 - 0.61 m	Dark reddish brown (2.5YR3/4-Moist); , 10R44; Heavy clay; Moderate grade of structure, 50-100 mm, Lenticular; Moist; Very firm consistence; 0-2%, medium gravelly, 6-20mm, coarse fragments; Field pH 7.2 (pH meter); Gradual change to -
2CB	0.71 - 0.96 m	; Field pH 7.4 (pH meter);

Morphological Notes

2CB Weathering rock with pockets of rB clay.

Observation Notes

Ug5.37 OVERLAIN BY 23CM OF RECENT CLAY DEPOSITION. NO FREE CARBONATES.

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
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