

Project Name: CB
Project Code: CB **Site ID:** B405 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (QLD)

Site Information

Desc. By:	C.J. de Mooy	Locality:	
Date Desc.:	21/05/59	Elevation:	152 metres
Map Ref.:	Sheet No. : 9246 1:100000	Rainfall:	762
Northing/Long.:	151.787777777778	Runoff:	Rapid
Easting/Lat.:	-25.547222222222	Drainage:	Well drained

Geology

ExposureType:	Soil pit	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	Qa	Substrate Material:	Soil pit, 0.41 m deep,Aplite

Land Form

Rel/Slope Class:	No Data	Pattern Type:	Hills
Morph. Type:	Upper-slope	Relief:	No Data
Elem. Type:	Hillslope	Slope Category:	No Data
Slope:	7 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Haplic Eutrophic Red Chromosol		Principal Profile Form:	Dr2.22
ASC Confidence:		Great Soil Group:	Non-calcic brown soil

No analytical data are available but confidence is fair.

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

Vegetation:

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

Surface Coarse Fragments: 0-2%, bouldery, 600mm-2m, ,

Profile Morphology

A1	0 - 0.08 m	Dark brown (7.5YR3/2-Moist); ; Sandy loam; Massive grade of structure; Dry; Firm consistence; 0-2%, medium gravelly, 6-20mm, coarse fragments; Field pH 6.9 (pH meter); Clear change to -
A2	0.08 - 0.15 m	Reddish brown (5YR4/3-Moist); ; Sandy clay loam; Massive grade of structure; Dry; Firm consistence; Field pH 6.7 (pH meter); Clear change to -
B2	0.15 - 0.3 m	Dark reddish brown (2.5YR3/4-Moist); ; Medium clay; Moderate grade of structure, 20-50 mm, Angular blocky; Dry; Very firm consistence; Field pH 6.9 (pH meter); Gradual change to -
BC	0.3 - 0.41 m	Dark reddish brown (5YR3/4-Moist); , 2.5YR34; Medium clay; Weak grade of structure, 20-50 mm, Angular blocky; Massive grade of structure; Dry; Very firm consistence; Field pH 7.3 (pH meter); Gradual change to -
C	0.41 - 0.69 m	; Field pH 7.4 (pH meter);

Morphological Notes

C Weathered rock with clay pockets.

Observation Notes

MINOR POCKETS OF WEATHERED ROCK BELOW 30CM:

Site Notes

CENTRAL BURNET

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[illegible]

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Laboratory Analyses Completed for this profile

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
P10_GRAV	Gravel (%)
P3A_NR	Bulk density - Not recorded
P3B_VL_01	0.1 BAR Moisture m3/m3 - Volumetric using suction plate