

Project Name: CL
Project Code: CL **Site ID:** B273 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (QLD)

Site Information

Desc. By:	G.D. Hubble	Locality:	
Date Desc.:	19/09/55	Elevation:	20 metres
Map Ref.:	Sheet No. : 9446 1:100000	Rainfall:	1250
Northing/Long.:	152.858333333333	Runoff:	Slow
Easting/Lat.:	-25.755555555556	Drainage:	Moderately well drained

Geology

ExposureType:	Soil pit	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	Qa	Substrate Material:	Auger boring, 3 m deep, Sandstone

Land Form

Rel/Slope Class:	No Data	Pattern Type:	Plain
Morph. Type:	No Data	Relief:	12 metres
Elem. Type:	Plain	Slope Category:	No Data
Slope:	0 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Mottled Mesotrophic Red Chromosol		Principal Profile Form:	Gn2.24
ASC Confidence:		Great Soil Group:	Red podzolic soil
All necessary analytical data are available.			

Site Disturbance: Limited clearing, for example selective logging

Vegetation: Low Strata - Tussock grass, , . *Species includes - None recorded
Mid Strata - Shrub, , . *Species includes - Acacia complanta
Tall Strata - Tree, 20.01-35m, Mid-dense. *Species includes - None Recorded

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1	0 - 0.11 m	Dark greyish brown (10YR4/2-Moist); ; Sandy loam (Light); Moderate grade of structure, Granular; Moist; Very weak consistence; Very few (0 - 2 %), Ferruginous, Medium (2 -6 mm), Nodules; Field pH 6 (pH meter); Many, very fine (0-1mm) roots; Clear change to -
A2	0.11 - 0.3 m	Yellowish brown (10YR5/6-Moist); ; Clayey sand; Massive grade of structure; Moist; Weak consistence; Very few (0 - 2 %), Ferruginous, Medium (2 -6 mm), Nodules; Field pH 6 (pH meter); Common, very fine (0-1mm) roots; Diffuse change to -
A2	0.3 - 0.51 m	Reddish yellow (7.5YR6/6-Moist); , 5YR58, 10-20% , 0-5mm, Distinct; , 10-20% , 0-5mm, Distinct; Clayey sand; Massive grade of structure; Moist; Weak consistence; Very few (0 - 2 %), Ferruginous, Medium (2 -6 mm), Nodules; Field pH 6.2 (pH meter); Few, very fine (0-1mm) roots; Diffuse change to -
B1	0.51 - 0.91 m	Yellowish red (5YR5/8-Moist); ; Sandy clay loam; Massive grade of structure; Earthy fabric; Moist; Weak consistence; Very few (0 - 2 %), Ferruginous, Medium (2 -6 mm), Nodules; Field pH 6.3 (pH meter); Few, very fine (0-1mm) roots; Diffuse change to -
B21	0.91 - 2.03 m	Red (2.5YR5/8-Moist); , 10YR78, 20-50% , 0-5mm, Distinct; , 20-50% , 0-5mm, Distinct; Sandy medium clay; Massive grade of structure; Earthy fabric; Moist; Weak consistence; Very few (0 - 2 %), Ferruginous, Medium (2 -6 mm), Nodules; Field pH 6.4 (pH meter); Diffuse change to -
B21	2.03 - 2.69 m	Red (2.5YR5/8-Moist); ; Sandy medium clay; Massive grade of structure; Earthy fabric; Moist; Weak consistence; Very few (0 - 2 %), Ferruginous, Medium (2 -6 mm), Nodules; Field pH 6.7 (pH meter); Diffuse change to -
B22	2.69 - 3.05 m	Yellow (10YR7/7-Moist); , 10YR68; Sandy clay loam; Massive grade of structure; Moist; Weak consistence; Common (10 - 20 %), Ferruginous, Coarse (6 - 20 mm), Nodules; Field pH 6.7 (pH meter);

Morphological Notes

Observation Notes

Site Notes

MARYBOROUGH

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[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