

Project Name: COL
Project Code: COL **Site ID:** B479 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (QLD)

Site Information

Desc. By:	R.F. Isbell	Locality:	
Date Desc.:	20/07/61	Elevation:	No Data
Map Ref.:	Sheet No. : 8456 1:100000	Rainfall:	0
Northing/Long.:	147.91111111111111	Runoff:	Moderately rapid
Easting/Lat.:	-20.741666666667	Drainage:	Imperfectly drained

Geology

ExposureType:	Soil pit	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	Puw	Substrate Material:	Auger boring, 0.91 m deep, Unconsolidated material (unidentified)

Land Form

Rel/Slope Class:	No Data	Pattern Type:	Terrace (alluvial)
Morph. Type:	No Data	Relief:	No Data
Elem. Type:	Terrace flat	Slope Category:	No Data
Slope:	0 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Haplic Hypocalcic Grey Chromosol		Principal Profile Form:	Dy2.33
ASC Confidence:		Great Soil Group:	Solodic soil
All necessary analytical data are available.			

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

Vegetation: Low Strata - Tussock grass, , . *Species includes - Bothriochloa ewartiana, Heteropogon contortus
Tall Strata - Tree, , Sparse. *Species includes - None Recorded

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A	0 - 0.23 m	Brown (10YR4/3-Moist); ; Fine sandy loam; Massive grade of structure; Dry; Weak consistence; Field pH 6.5 (pH meter); Abrupt change to -
B21	0.23 - 0.46 m	Brown (7.5YR4/2-Moist); ; Medium clay; Moderate grade of structure, 20-50 mm, Angular blocky; Dry; Very firm consistence; Field pH 7.5 (pH meter); Gradual change to -
B22	0.46 - 0.61 m	Brown (7.5YR4/4-Moist); ; Medium clay; Moderate grade of structure, 20-50 mm, Angular blocky; Dry; Very firm consistence; Field pH 8.2 (pH meter); Gradual change to -
BC	0.61 - 0.91 m	Brown (7.5YR4/4-Moist); ; Clay loam; Massive grade of structure; Dry; Firm consistence; Very few (0 - 2 %), Calcareous, , Soft segregations; Field pH 8.5 (pH meter); Gradual change to -
C	0.91 - 1.22 m	Dark yellowish brown (10YR4/4-Moist); ; Loam; Massive grade of structure; Dry; Weak consistence; Few (2 - 10 %), Calcareous, , Soft segregations; Field pH 8.7 (pH meter); Diffuse change to -
C	1.22 - 1.52 m	Dark yellowish brown (10YR4/4-Moist); ; Fine sandy loam; Massive grade of structure; Dry; Weak consistence; Few (2 - 10 %), Calcareous, , Soft segregations; Field pH 8.8 (pH meter);

Morphological Notes

Observation Notes

SPORADIC BLEACH AT BASE OF A HORIZON:CALCAREOUS SEGREGATIONS SOFT AND NODULAR:

Site Notes

COLLINSVILLE

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
19B_NR	Calcium Carbonate (CaCO ₃) - 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