

Project Name: CL
Project Code: CL **Site ID:** B232 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (QLD)

Site Information

Desc. By:	G.D. Hubble	Locality:	
Date Desc.:	01/11/54	Elevation:	29 metres
Map Ref.:	Sheet No. : 9347 1:100000	Rainfall:	1143
Northing/Long.:	152.447777777778	Runoff:	Very slow
Easting/Lat.:	-25.321666666667	Drainage:	Poorly drained

Geology

ExposureType:	Soil pit	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	Te	Substrate Material:	Auger boring, 1 m deep, No Data

Land Form

Rel/Slope Class:	Gently undulating plains <9m 1-3%	Pattern Type:	Plain
Morph. Type:	No Data	Relief:	3 metres
Elem. Type:	Plain	Slope Category:	No Data
Slope:	1 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Bleached-Magnesian Sodosolic Redoxic Hydrosol		Principal Profile Form:	Dy3.42
ASC Confidence:		Great Soil Group:	Solodic soil

Analytical data are incomplete but reasonable confidence.

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

Vegetation: Low Strata - Tussock grass, , Mid-dense. *Species includes - None recorded
Mid Strata - Tree, 6.01-12m, Mid-dense. *Species includes - Melaleuca leucadendron, Trigonella suavissima
Tall Strata - Tree, 12.01-20m, Closed or dense. *Species includes - None Recorded

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1g	0 - 0.08 m	Dark greyish brown (10YR4/2-Moist); , 10YR51; Fine sandy loam; Weak grade of structure, Granular; Many (>5 per 100mm ²) Fine (1-2mm) macropores, Moist; Weak consistence; Field pH 6 (pH meter); Many, very fine (0-1mm) roots; Clear change to -
A2g	0.09 - 0.24 m	Pale brown (10YR6/3-Moist); , 10YR56; Fine sandy loam (Light); Massive grade of structure; Many (>5 per 100mm ²) Fine (1-2mm) macropores, Moist; Weak consistence; Field pH 6.1 (pH meter); Common, very fine (0-1mm) roots; Clear change to -
B1g	0.24 - 0.36 m	Brown (7.5YR5/2-Moist); , 7.5YR58; Fine sandy clay loam; Weak grade of structure, Angular blocky; Common (1-5 per 100mm ²) Fine (1-2mm) macropores, Moist; Weak consistence; Few (2 - 10 %), Ferruginous, Coarse (6 - 20 mm), Nodules; Field pH 6.4 (pH meter); Common, very fine (0-1mm) roots; Gradual change to -
B2g	0.38 - 0.56 m	Light brownish grey (10YR6/2-Moist); , 7.5YR58; Fine sandy medium clay; Moderate grade of structure, 100-200 mm, Prismatic; Moist; Firm consistence; Few (2 - 10 %), Ferruginous, Medium (2 -6 mm), Nodules; Field pH 6.7 (pH meter); Few, very fine (0-1mm) roots; Gradual
B2g	0.56 - 0.71 m	Brownish yellow (10YR6/8-Moist); , 10YR62; Fine sandy medium clay (Light); Moderate grade of structure, 100-200 mm, Prismatic; Moist; Firm consistence; Field pH 6.6 (pH meter); Few, very fine (0-1mm) roots; Gradual change to -
B3g	0.71 - 1.02 m	Light grey (10YR7/2-Moist); , 10YR61; , 7.5YR78; Fine sandy clay loam; Weak grade of structure, 100-200 mm, Prismatic; Moist; Firm consistence; Field pH 6.6 (pH meter); Few, very fine (0-1mm) roots;

Morphological Notes

Observation Notes

0-8CM POROUS GRANULAR

Site Notes

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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