

Project Name: CL
Project Code: CL **Site ID:** B236 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (QLD)

Site Information

Desc. By:	G.D. Hubble	Locality:	
Date Desc.:	01/11/54	Elevation:	15 metres
Map Ref.:	Sheet No. : 9347 1:100000	Rainfall:	1016
Northing/Long.:	152.471388888889	Runoff:	Slow
Easting/Lat.:	-25.140277777778	Drainage:	Poorly drained

Geology

ExposureType:	Soil pit	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	Te	Substrate Material:	Auger boring, 1 m deep, Porous, Unconsolidated material (unidentified)

Land Form

Rel/Slope Class:	Level plain <9m <1%	Pattern Type:	Plain
Morph. Type:	No Data	Relief:	No Data
Elem. Type:	Plain	Slope Category:	No Data
Slope:	0 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Bleached-Magnesian Kandosolic Redoxic Hydrosol		Principal Profile Form:	Gn2.95
ASC Confidence:		Great Soil Group:	Solodic soil
Analytical data are incomplete but reasonable confidence.			

Site Disturbance: No effective disturbance. Natural

Vegetation: Low Strata - Tussock grass, , . *Species includes - None recorded
Mid Strata - Shrub, , . *Species includes - Jacksonia scoparia
Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - None Recorded

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1	0 - 0.06 m	Light grey (10YR7/2-Moist); ; Loamy fine sand; Massive grade of structure; Moist; Very weak consistence; Field pH 5.5 (pH meter); Common, very fine (0-1mm) roots; Clear change to -
A2	0.06 - 0.2 m	Light grey (10YR7/2-Moist); ; Loamy fine sand; Massive grade of structure; Moist; Very weak consistence; Field pH 5.7 (pH meter); Common, very fine (0-1mm) roots; Gradual change to -
B11g	0.2 - 0.33 m	Pale brown (10YR6/3-Moist); ; Fine sandy loam; Massive grade of structure; Moist; Very weak consistence; 0-2%, fine gravelly, 2-6mm, angular, coarse fragments; Field pH 6.4 (pH meter); Few, very fine (0-1mm) roots; Gradual change to -
B12g	0.33 - 0.46 m	Light grey (10YR7/2-Moist); ; Fine sandy loam; Massive grade of structure; Moist; Very weak consistence; 0-2%, fine gravelly, 2-6mm, angular, coarse fragments; Field pH 7.5 (pH meter); Few, very fine (0-1mm) roots; Gradual change to -
B2g	0.46 - 0.56 m	Light brownish grey (10YR6/2-Moist); , 10YR56; Silty clay loam; Massive grade of structure; Moist; Weak consistence; 0-2%, fine gravelly, 2-6mm, angular, coarse fragments; Field pH 8 (pH meter); Gradual change to -
B2g	0.56 - 0.74 m	Light brownish grey (10YR6/2-Moist); , 2.5Y54; Silty loam; Massive grade of structure; Moist; Weak consistence; 0-2%, fine gravelly, 2-6mm, angular, coarse fragments; Field pH 8.2 (pH meter); Sharp change to -
	0.86 - 1.12 m	; Field pH 8.1 (pH meter);

Morphological Notes

Cemented silica pan

Observation Notes

GLEIED SOLODIC SOIL

Site Notes

WOODGATE

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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