

**Project Name:** CL  
**Project Code:** CL      **Site ID:** B231      **Observation ID:** 1  
**Agency Name:** CSIRO Division of Soils (QLD)

**Site Information**

<b>Desc. By:</b>	G.D. Hubble	<b>Locality:</b>	
<b>Date Desc.:</b>	01/11/54	<b>Elevation:</b>	43 metres
<b>Map Ref.:</b>	Sheet No. : 9447 1:100000	<b>Rainfall:</b>	1143
<b>Northing/Long.:</b>	152.595555555556	<b>Runoff:</b>	Moderately rapid
<b>Easting/Lat.:</b>	-25.244166666667	<b>Drainage:</b>	Imperfectly drained

**Geology**

<b>ExposureType:</b>	Soil pit	<b>Conf. Sub. is Parent. Mat.:</b>	No Data
<b>Geol. Ref.:</b>	Te	<b>Substrate Material:</b>	Auger boring, 2 m deep, No Data

**Land Form**

<b>Rel/Slope Class:</b>	Level plain <9m <1%	<b>Pattern Type:</b>	Plain
<b>Morph. Type:</b>	No Data	<b>Relief:</b>	30 metres
<b>Elem. Type:</b>	Plain	<b>Slope Category:</b>	No Data
<b>Slope:</b>	1 %	<b>Aspect:</b>	0 degrees

**Surface Soil Condition (dry):**

**Erosion:**

**Soil Classification**

<b>Australian Soil Classification:</b>		<b>Mapping Unit:</b>	N/A
Reticulate Mesotrophic Brown Kandosol		<b>Principal Profile Form:</b>	Gn2.74
<b>ASC Confidence:</b>		<b>Great Soil Group:</b>	Yellow podzolic soil
Analytical data are incomplete but reasonable confidence.			

**Site Disturbance:**

**Vegetation:** Low Strata - Tussock grass, , Mid-dense. \*Species includes - None recorded  
Mid Strata - Tree, 6.01-12m, Mid-dense. \*Species includes - None recorded  
Tall Strata - Tree, 12.01-20m, Mid-dense. \*Species includes - None Recorded

**Surface Coarse Fragments:** No surface coarse fragments

**Profile Morphology**

A1	0 - 0.08 m	Dark grey (10YR4/1-Moist); ; Loamy sand; Weak grade of structure, 2-5 mm, Granular; Moist; Very weak consistence; Field pH 5.9 (pH meter); Many, very fine (0-1mm) roots; Clear change to -
A21	0.1 - 0.28 m	Pale brown (10YR6/3-Moist); ; Loamy sand; Massive grade of structure; Moist; Very weak consistence; Field pH 6 (pH meter); Common, very fine (0-1mm) roots; Gradual change to -
A22	0.3 - 0.53 m	Pale brown (10YR6/3-Moist); ; Sand (Heavy); Massive grade of structure; Moist; Very weak consistence; Field pH 6.2 (pH meter); Few, very fine (0-1mm) roots; Gradual change to -
A3	0.58 - 0.81 m	Brownish yellow (10YR6/5-Moist); ; Clayey sand; Massive grade of structure; Moist; Very weak consistence; Field pH 6.3 (pH meter); Few, very fine (0-1mm) roots; Gradual change to -
B11	0.81 - 0.97 m	Reddish yellow (7.5YR6/8-Moist); ; 5YR58; Sandy clay loam (Light); Massive grade of structure; Moist; Weak consistence; Field pH 6.2 (pH meter); Gradual change to -
B12	0.97 - 1.27 m	Reddish yellow (7.5YR6/8-Moist); ; Sandy clay loam (Heavy); Weak grade of structure, 10-20 mm, Angular blocky; Moist; Weak consistence; Field pH 6 (pH meter); Diffuse change to -
B21	1.27 - 1.63 m	Strong brown (7.5YR5/8-Moist); ; 2.5YR48, 20-50% , 5-15mm, Prominent; , 2.5Y63, 20-50% , 5-15mm, Prominent; Sandy medium clay (Heavy); Weak grade of structure, 10-20 mm, Angular blocky; Moist; Weak consistence; Field pH 5.9 (pH meter); Diffuse change to -
B22	1.9 - 2.49 m	Grey (10YR6/1-Moist); , 2.5Y63, 20-50% , 5-15mm, Prominent; , 10R34, 20-50% , 5-15mm, Prominent; Heavy clay; Wet; 2-10%, fine gravelly, 2-6mm, Quartz, coarse fragments; Field pH 5.7 (pH meter);

**Morphological Notes**

**Observation Notes**

0-8CM POROUS GRANULAR

**Site Notes**

HOWARD

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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
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