

Project Name: CL
Project Code: CL **Site ID:** B184 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (QLD)

Site Information

Desc. By:	G.D. Hubble	Locality:	
Date Desc.:	09/12/52	Elevation:	18 metres
Map Ref.:	Sheet No. : 9544 1:100000	Rainfall:	1524
Northing/Long.:	153.018888888889	Runoff:	Moderately rapid
Easting/Lat.:	-26.847222222222	Drainage:	Imperfectly drained

Geology

ExposureType:	Soil pit	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	Qa	Substrate Material:	Auger boring, 1.3 m deep, Unconsolidated material (unidentified)

Land Form

Rel/Slope Class:	No Data	Pattern Type:	Rises
Morph. Type:	Lower-slope	Relief:	8 metres
Elem. Type:	Hillslope	Slope Category:	No Data
Slope:	0 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:	Mesotrophic Sodosolic Redoxic Hydrosol	Mapping Unit:	N/A
ASC Confidence:	Analytical data are incomplete but reasonable confidence.	Principal Profile Form:	Dg4.41
		Great Soil Group:	Gleyed podzolic soil

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

Vegetation:

Low Strata - Tussock grass, , . *Species includes - None recorded
Mid Strata - Shrub, , . *Species includes - Banksia robur
Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - None Recorded

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1	0 - 0.13 m	Dark grey (10YR4/1-Moist); Grey (10YR6/1-Dry); ; Sand; Weak grade of structure, 2-5 mm, Granular; Moist; Very weak consistence; Field pH 5.4 (pH meter); Abundant, fine (1-2mm) roots; Clear change to -
A21g	0.13 - 0.23 m	White (2.5Y8/2-Moist); , 10YR61; Sand; Single grain grade of structure; Moist; Very weak consistence; 0-2%, fine gravelly, 2-6mm, subrounded, Quartz, coarse fragments; Field pH 5.4 (pH meter); Gradual change to -
A22g	0.23 - 0.41 m	White (2.5Y8/2-Moist); , 10YR78; Sand; Single grain grade of structure; Moist; Very weak consistence; Field pH 5.8 (pH meter); Gradual change to -
A3g	0.41 - 0.53 m	Light grey (5Y7/1-Moist); , 10YR66; Clayey sand; Massive grade of structure; Moist; Very weak consistence; 2-10%, medium gravelly, 6-20mm, subrounded, Quartz, coarse fragments; Very few (0 - 2 %), Ferruginous, Medium (2 -6 mm), Nodules; Field pH 5.8 (pH meter); Diffuse change
Bg	0.56 - 0.74 m	White (10YR8/1-Moist); , 10R46; Sandy medium clay; Moderate grade of structure, 20-50 mm, Angular blocky; Wet; Moderately plastic; Field pH 5.6 (pH meter); Diffuse change to -
Bg	0.74 - 1.27 m	White (10YR8/1-Moist); , 10R46; Sandy medium clay; Weak grade of structure, 20-50 mm, Prismatic; Wet; Very plastic; 0-2%, medium gravelly, 6-20mm, subrounded, Quartz, coarse fragments; Field pH 5.4 (pH meter); Diffuse change to -
D	1.27 - 1.78 m	Light grey (10YR7/1-Moist); , 5Y81; , 10YR78; Sandy medium clay; Moderate grade of structure, 50-100 mm, Prismatic; Wet; Moderately plastic; 0-2%, medium gravelly, 6-20mm, subrounded, Quartz, coarse fragments; Field pH 5.3 (pH meter);

Morphological Notes

Observation Notes

41-53CM NUMEROUS OLD ROOT CHANNELS WITH RUSTY SHEATHS:ALLUVIUM OVER TRUNCATED CLAY BELOW 1.27M:

Site Notes

BEERWAH

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Laboratory Analyses Completed for this profile

15_NR	Sum of Ex. cations + Ex. acidity - Not recorded
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
2_LOI	Loss on Ignition (%)
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
6Z	Organic carbon (%) - Not recorded
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