

Project Name: LBV
Project Code: LBV **Site ID:** B87 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (QLD)

Site Information

Desc. By:	G.D. Hubble	Locality:	
Date Desc.:	19/11/50	Elevation:	36 metres
Map Ref.:	Sheet No. : 8458 1:100000	Rainfall:	850
Northing/Long.:	147.55	Runoff:	Moderately rapid
Easting/Lat.:	-19.8666666666667	Drainage:	Moderately well drained

Geology

ExposureType:	Soil pit	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	SDR	Substrate Material:	Auger boring, 2 m deep,Porous, Unconsolidated material (unidentified)

Land Form

Rel/Slope Class:	Gently undulating plains <9m 1-3%	Pattern Type:	Rises
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
Haplic Calcic Red Chromosol		Principal Profile Form:	Dr2.13
ASC Confidence:		Great Soil Group:	Red-brown earth

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 - Heteropogon contortus
Mid Strata - Shrub, , Very sparse. *Species includes - Grevillea striata, Planchonia careya
Tall Strata - Tree, 6.01-12m, Very sparse. *Species includes - Eucalyptus drepanophylla, Eucalyptus polycarpa

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1	0 - 0.23 m	Greyish brown (10YR5/2-Dry); ; Loam; Massive grade of structure; Dry; Weak consistence; 2-10%, medium gravelly, 6-20mm, subangular, Igneous rock (unidentified), coarse fragments; Field pH 6.1 (pH meter); Clear change to -
B21	0.23 - 0.53 m	Dark reddish brown (2.5YR3/4-Moist); ; Medium heavy clay; Moderate grade of structure, 10-20 mm, Angular blocky; Moist; Firm consistence; 2-10%, medium gravelly, 6-20mm, subangular, Igneous rock (unidentified), coarse fragments; Field pH 7.2 (pH meter); Diffuse change to -
B22	0.53 - 0.86 m	Reddish brown (5YR4/4-Moist); ; Light clay; Moderate grade of structure, 10-20 mm, Angular blocky; Moist; Firm consistence; 0-2%, medium gravelly, 6-20mm, subangular, Igneous rock (unidentified), coarse fragments; Field pH 8.1 (pH meter); Diffuse change to -
2B2	0.86 - 1.42 m	Dark red (2.5YR3/6-Moist); ; Heavy clay; Weak grade of structure, 10-20 mm, Angular blocky; Moist; Weak consistence; 0-2%, medium gravelly, 6-20mm, subangular, Igneous rock (unidentified), coarse fragments; Few (2 - 10 %), Calcareous, Coarse (6 - 20 mm), Nodules; Field pH 8.9 (pH meter); Diffuse change to -
2B3	1.52 - 1.93 m	Reddish brown (5YR5/4-Moist); ; Light clay; Weak grade of structure, Angular blocky; Moist; Weak consistence; 0-2%, fine gravelly, 2-6mm, subangular, Igneous rock (unidentified), coarse fragments; Few (2 - 10 %), Calcareous, Coarse (6 - 20 mm), Nodules; Field pH 9.3 (pH meter);

Morphological Notes

Observation Notes

Site Notes

BURDEKIN VALLE

Observation ID: 1

[illegible]

Project Name: LBV
Project Code: LBV **Site ID:** B87 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (QLD)

Laboratory Analyses Completed for this profile

12_NR_FE	Total element - Fe(%) - 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
7_NR	Total nitrogen (%) - Not recorded
9_NR	Available P (mg/kg) - 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