

**Project Name:** LBV  
**Project Code:** LBV      **Site ID:** B32      **Observation ID:** 1  
**Agency Name:** CSIRO Division of Soils (QLD)

**Site Information**

<b>Desc. By:</b>	C.H. Thompson	<b>Locality:</b>	
<b>Date Desc.:</b>	19/08/49	<b>Elevation:</b>	30 metres
<b>Map Ref.:</b>	Sheet No. : 8358 1:100000	<b>Rainfall:</b>	750
<b>Northing/Long.:</b>	147.107222222222	<b>Runoff:</b>	Moderately rapid
<b>Easting/Lat.:</b>	-19.871666666667	<b>Drainage:</b>	Well drained

**Geology**

<b>ExposureType:</b>	Soil pit	<b>Conf. Sub. is Parent. Mat.:</b>	No Data
<b>Geol. Ref.:</b>	CZA	<b>Substrate Material:</b>	Auger boring, 2 m deep, Slightly porous, Unconsolidated material (unidentified)

**Land Form**

<b>Rel/Slope Class:</b>	Gently undulating plains <9m 1-3%	<b>Pattern Type:</b>	Alluvial plain
<b>Morph. Type:</b>	No Data	<b>Relief:</b>	No Data
<b>Elem. Type:</b>	Plain	<b>Slope Category:</b>	No Data
<b>Slope:</b>	0 %	<b>Aspect:</b>	No Data

**Surface Soil Condition (dry):** Soft

**Erosion:**

**Soil Classification**

<b>Australian Soil Classification:</b>		<b>Mapping Unit:</b>	N/A
Basic Regolithic Bleached Tenosol		<b>Principal Profile Form:</b>	Uc4.21
<b>ASC Confidence:</b>		<b>Great Soil Group:</b>	No suitable group
All necessary analytical data are available.			

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

**Vegetation:**

Mid Strata - Shrub, , Closed or dense. \*Species includes - None recorded  
Tall Strata - Tree, 6.01-12m, Sparse. \*Species includes - None Recorded

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

**Profile Morphology**

A1	0 - 0.1 m	Light brownish grey (10YR6/2-Moist); ; Sand; Massive grade of structure; Sandy (grains prominent) fabric; Dry; Very weak consistence; Field pH 6.2 (pH meter); Gradual change to -
A2	0.13 - 0.3 m	Pale brown (10YR6/3-Moist); ; Sand; Massive grade of structure; Sandy (grains prominent) fabric; Dry; Very weak consistence; Field pH 6.6 (pH meter); Gradual change to -
A3	0.3 - 0.58 m	Light yellowish brown (10YR6/4-Moist); ; Sand; Massive grade of structure; Sandy (grains prominent) fabric; Moderately moist; Very weak consistence; Very few (0 - 2 %), Manganiferous, Medium (2 -6 mm), Nodules; Field pH 6.6 (pH meter); Gradual change to -
B1	0.58 - 0.97 m	Yellowish brown (10YR5/4-Moist); ; Sand; Massive grade of structure; Sandy (grains prominent) fabric; Moderately moist; Very weak consistence; 2-10%, fine gravelly, 2-6mm, Quartz, coarse fragments; Very few (0 - 2 %), Manganiferous, Medium (2 -6 mm), Nodules; Field pH 6.1 (pH meter); Gradual change to -
B1	0.99 - 1.37 m	Light yellowish brown (2.5Y6/4-Moist); ; Sand; Massive grade of structure; Sandy (grains prominent) fabric; Moderately moist; Very weak consistence; 2-10%, fine gravelly, 2-6mm, Quartz, coarse fragments; Very few (0 - 2 %), Manganiferous, Medium (2 -6 mm), Nodules; Field pH 5.5 (pH meter); Diffuse change to -
B2	1.37 - 1.68 m	Light yellowish brown (2.5Y6/4-Moist); , 10YR76; , 10YR51; Sand; Massive grade of structure; Sandy (grains prominent) fabric; Moist; Weak consistence; 10-20%, fine gravelly, 2-6mm, Quartz, coarse fragments; Very few (0 - 2 %), Manganiferous, Medium (2 -6 mm), Nodules; Field pH 6.4 (pH meter);

**Morphological Notes**

**Observation Notes**

SOME SANDY CLAY PATCHES 137-168CM

**Site Notes**

BURDEKIN VALLE

**Observation ID: 1**

[illegible]

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**Laboratory Analyses Completed for this profile**

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