

**Project Name:** CL  
**Project Code:** CL **Site ID:** B576 **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>	07/03/68	<b>Elevation:</b>	21 metres
<b>Map Ref.:</b>	Sheet No. : 9444 1:100000	<b>Rainfall:</b>	1632
<b>Northing/Long.:</b>	152.997222222222	<b>Runoff:</b>	Moderately rapid
<b>Easting/Lat.:</b>	-26.845555555556	<b>Drainage:</b>	Moderately well drained

**Geology**

<b>ExposureType:</b>	Soil pit	<b>Conf. Sub. is Parent. Mat.:</b>	No Data
<b>Geol. Ref.:</b>	No Data	<b>Substrate Material:</b>	Undisturbed soil core, Unconsolidated material (unidentified)

**Land Form**

<b>Rel/Slope Class:</b>	No Data	<b>Pattern Type:</b>	Rises
<b>Morph. Type:</b>	No Data	<b>Relief:</b>	15 metres
<b>Elem. Type:</b>	Hillslope	<b>Slope Category:</b>	No Data
<b>Slope:</b>	0 %	<b>Aspect:</b>	0 degrees

**Surface Soil Condition (dry):**

**Erosion:**

**Soil Classification**

<b>Australian Soil Classification:</b>		<b>Mapping Unit:</b>	N/A
Bleached-Acidic Mesotrophic Yellow Kandosol		<b>Principal Profile Form:</b>	Gn2.34
<b>ASC Confidence:</b>		<b>Great Soil Group:</b>	No suitable

No analytical data are available but confidence is fair.

**Site Disturbance:** No effective disturbance. Natural

**Vegetation:** Low Strata - , , . \*Species includes - Xanthorrhoea species  
Tall Strata - Tree, 12.01-20m, Closed or dense. \*Species includes - None Recorded

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

**Profile Morphology**

A11	0 - 0.03 m	White (10YR8/1-Moist); ; Sand; Single grain grade of structure; Moist; Loose consistence; Sharp change to -
A12	0.03 - 0.06 m	Dark greyish brown (2.5Y4/2-Moist); ; Sandy loam (Light); Weak grade of structure, 2-5 mm, Subangular blocky; Moist; Very weak consistence;
A12	0.06 - 0.1 m	Dark greyish brown (2.5Y4/2-Moist); ; Sandy loam; Weak grade of structure, 5-10 mm, Subangular blocky; Moist; Very weak consistence;
A12	0.1 - 0.2 m	Dark greyish brown (2.5Y4/2-Moist); ; Sandy loam; Massive grade of structure; Moist; Very weak consistence; Gradual change to -
A2	0.2 - 0.25 m	Yellowish brown (10YR5/4-Moist); ; Loamy sand; Massive grade of structure; Moist; Very weak consistence;
B1	0.25 - 0.3 m	Brownish yellow (10YR6/6-Moist); ; Loamy sand; Massive grade of structure; Moist; Very weak consistence;
B1	0.3 - 0.38 m	Brownish yellow (10YR6/6-Moist); ; Loamy sand; Massive grade of structure; Moist; Very weak consistence; Gradual change to -
B1	0.38 - 0.6 m	Yellow (10YR7/6-Moist); ; Sandy loam; Massive grade of structure; Moist; Very weak
B1	0.6 - 0.76 m	Yellow (10YR7/6-Moist); ; Sandy loam; Massive grade of structure; Moist; Very weak
B1	0.76 - 0.9 m	Yellow (10YR7/6-Moist); ; Loamy sand; Massive grade of structure; Moist; Very weak consistence;
B1	0.9 - 1.2 m	Yellow (10YR7/8-Moist); ; 7.5YR66, 20-50% , 0-5mm, Distinct; , 20-50% , 0-5mm, Distinct; Sandy loam; Massive grade of structure; Moist; Very weak consistence;
B1	1.2 - 1.36 m	Yellow (10YR7/8-Moist); ; 7.5YR66, 20-50% , 0-5mm, Distinct; , 20-50% , 0-5mm, Distinct; Sandy clay loam (Light); Massive grade of structure; Wet;

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B1	1.36 - 1.5 m	Yellow (10YR7/6-Moist); , 7.5YR46, 10-20% , 5-15mm, Prominent; , 10-20% , 5-15mm, Prominent; Sandy medium clay; Massive grade of structure; Wet; Very few (0 - 2 %), Ferruginous, Coarse (6 - 20 mm), Nodules; Diffuse change to -
B2	1.5 - 1.8 m	Yellow (10YR7/6-Moist); , 2.5YR46, 10-20% , 15-30mm, Prominent; , 2.5Y64, 10-20% , 15-30mm, Prominent; Light clay (Light); Massive grade of structure; Wet; Common (10 - 20 %), Ferruginous, Coarse (6 - 20 mm), Nodules;
B2	1.8 - 2.1 m	Brownish yellow (10YR6/8-Moist); , 10YR56, 10-20% , 15-30mm, Prominent; , 2.5Y73, 10-20% , 15-30mm, Prominent; Light medium clay; Weak grade of structure, 10-20 mm, Angular blocky; Wet; Common (10 - 20 %), Ferruginous, Coarse (6 - 20 mm), Nodules;
B2	2.1 - 2.3 m	Brownish yellow (10YR6/8-Moist); , 10YR56, 20-50% , 15-30mm, Prominent; , 2.5Y73, 20-50% , 15-30mm, Prominent; Light medium clay; Weak grade of structure, 10-20 mm, Angular blocky; Wet; 0-2%, Quartz, coarse fragments; Common (10 - 20 %), Ferruginous, Coarse (6 - 20 mm), Nodules;

**Morphological Notes**

**Observation Notes**

PINUS ELLIOTI PLANTATION; PERCHED WATER TABLE AT 1.8M.

**Site Notes**

BEERWAH

**Observation ID: 1**

[illegible]

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0.6 - 0.76  
0.76 - 0.9  
0.9 - 1.2  
1.2 - 1.36  
1.36 - 1.5  
1.5 - 1.8  
1.8 - 2.1  
2.1 - 2.3

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**Laboratory Analyses Completed for this profile**

10A_NR	Total element - S(%) - Not recorded
17A_NR	Total element - K(%) - 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
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
9G_BSES	Available P (mg/kg) - Acid P - 0.005M H2SO4 (BSES)
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