

**Project Name:** GYC  
**Project Code:** GYC      **Site ID:** B661      **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>	23/10/69	<b>Elevation:</b>	107 metres
<b>Map Ref.:</b>	Sheet No. : 9445 1:100000	<b>Rainfall:</b>	1270
<b>Northing/Long.:</b>	152.753333333333	<b>Runoff:</b>	Moderately rapid
<b>Easting/Lat.:</b>	-26.1494444444445	<b>Drainage:</b>	Moderately well drained

#### Geology

<b>ExposureType:</b>	Undisturbed soil core	<b>Conf. Sub. is Parent. Mat.:</b>	No Data
<b>Geol. Ref.:</b>	Rlk	<b>Substrate Material:</b>	Undisturbed soil core, 1.2 m deep, Phyllite

#### Land Form

<b>Rel/Slope Class:</b>	No Data	<b>Pattern Type:</b>	Hills
<b>Morph. Type:</b>	Upper-slope	<b>Relief:</b>	No Data
<b>Elem. Type:</b>	Hillslope	<b>Slope Category:</b>	No Data
<b>Slope:</b>	8.7 %	<b>Aspect:</b>	No Data

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

#### Erosion:

#### Soil Classification

<b>Australian Soil Classification:</b>		<b>Mapping Unit:</b>	N/A
Haplic Mesotrophic Red Chromosol		<b>Principal Profile Form:</b>	Dr2.21
<b>ASC Confidence:</b>		<b>Great Soil Group:</b>	Red podzolic soil

No analytical data and little or no knowledge of this soil.

**Site Disturbance:** Limited clearing, for example selective logging

**Vegetation:** Low Strata - Tussock grass, , . \*Species includes - None recorded  
Mid Strata - Shrub, , . \*Species includes - None recorded  
Tall Strata - Tree, , Mid-dense. \*Species includes - Eucalyptus propinqua

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

#### Profile Morphology

A1	0 - 0.09 m	Very dark greyish brown (10YR3/2-Moist); ; Loam; Weak grade of structure, 5-10 mm, Polyhedral; Moist; Weak consistence; 2-10%, medium gravelly, 6-20mm, Quartz, coarse fragments;
A2	0.09 - 0.19 m	Brown (7.5YR4/2-Moist); ; Clay loam; Weak grade of structure, 5-10 mm, Polyhedral; Moist; Firm consistence; 10-20%, coarse gravelly, 20-60mm, Quartz, coarse fragments; Sharp change to -
B21	0.19 - 0.4 m	Red (2.5YR4/6-Moist); ; Medium clay; Moderate grade of structure, 5-10 mm, Polyhedral; Moderately moist; Very firm consistence; 2-10%, medium gravelly, 6-20mm, Phyllite, coarse fragments;
B22	0.4 - 0.67 m	Dark red (2.5YR3/6-Moist); , 10YR64, 0-2% , 0-5mm, Faint; , 0-2% , 0-5mm, Faint; Medium clay; Moderate grade of structure, 5-10 mm, Polyhedral; Moist; Firm consistence; 10-20%, medium gravelly, 6-20mm, Phyllite, coarse fragments;
B3	0.67 - 0.95 m	Light yellowish brown (2.5Y6/4-Moist); , 2.5YR36, 10-20% , 5-15mm, Prominent; , 10-20% , 5-15mm, Prominent; Silty medium clay; , Polyhedral; Moist; Firm consistence; 10-20%, medium gravelly, 6-20mm, Phyllite, coarse fragments;
B3	0.95 - 1.1 m	Light grey (2.5Y7/1-Moist); , 2.5YR36, 0-2% , 0-5mm, Faint; , 2.5Y64, 10-20% , 5-15mm, Prominent; Silty medium clay; , Polyhedral; Moist; Firm consistence; 10-20%, medium gravelly, 6-20mm, Phyllite, coarse fragments;
B3	1.1 - 1.2 m	Light grey (2.5Y7/1-Moist); , 2.5YR36, 0-2% , 0-5mm, Faint; , 2.5Y64, 0-2% , 0-5mm, Faint; Silty medium clay; , Polyhedral; Firm consistence; 2-10%, medium gravelly, 6-20mm, Phyllite, coarse fragments;
C	1.2 - 2 m	Reddish brown (2.5YR4/4-Moist); , 2.5Y72; Massive grade of structure; Strong consistence; 50-90%, Phyllite, coarse fragments;

#### Morphological Notes

#### Observation Notes

#### Site Notes

WOLVI FOREST

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**Laboratory Test Results:**

0 - 0.1  
0.1 - 0.2  
0.2 - 0.4  
0.4 - 0.7  
0.7 - 0.9  
0.9 - 1.1  
1.1 - 1.2  
1.2 - 2

0 - 0.1  
0.1 - 0.2  
0.2 - 0.4  
0.4 - 0.7  
0.7 - 0.9  
0.9 - 1.1  
1.1 - 1.2  
1.2 - 2

0 - 0.1  
0.1 - 0.2  
0.2 - 0.4  
0.4 - 0.7  
0.7 - 0.9  
0.9 - 1.1  
1.1 - 1.2  
1.2 - 2

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Laboratory Analyses Completed for this profile