

**Project Name:** GYC  
**Project Code:** GYC      **Site ID:** B647      **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>	29/08/69	<b>Elevation:</b>	137 metres
<b>Map Ref.:</b>	Sheet No. : 9445 1:100000	<b>Rainfall:</b>	1397
<b>Northing/Long.:</b>	152.802222222222	<b>Runoff:</b>	Rapid
<b>Easting/Lat.:</b>	-26.3175	<b>Drainage:</b>	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, 0.3 m deep,Phyllite

**Land Form**

<b>Rel/Slope Class:</b>	No Data	<b>Pattern Type:</b>	Hills
<b>Morph. Type:</b>	Crest	<b>Relief:</b>	No Data
<b>Elem. Type:</b>	Hillcrest	<b>Slope Category:</b>	No Data
<b>Slope:</b>	5.25 %	<b>Aspect:</b>	No Data

**Surface Soil Condition (dry):**

**Erosion:**

**Soil Classification**

<b>Australian Soil Classification:</b>		<b>Mapping Unit:</b>	N/A
Basic Paralithic Orthic Tenosol		<b>Principal Profile Form:</b>	Um4.1
<b>ASC Confidence:</b>		<b>Great Soil Group:</b>	Lithosol

Analytical data are incomplete but reasonable confidence.

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

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

**Surface Coarse Fragments:**

**Profile Morphology**

A11	0 - 0.06 m	Very dark brown (7.5YR2/2-Moist); ; Loam; Moderate grade of structure, 2-5 mm, Granular; Moist; Weak consistence; 10-20%, medium gravelly, 6-20mm, Phyllite, coarse fragments;
A12	0.06 - 0.1 m	Olive grey (5Y5/2-Moist); ; Massive grade of structure; Very strong consistence; 90-100%, Phyllite, coarse fragments;
A13	0.1 - 0.2 m	Brown (7.5YR4/2-Moist); ; Loam; Massive grade of structure; Moist; Weak consistence; 20-50%, Phyllite, coarse fragments;
A2	0.2 - 0.3 m	Brown (7.5YR5/3-Moist); ; Loam; Massive grade of structure; Moist; Weak consistence; 2-10%, Phyllite, coarse fragments;
C1	0.3 - 0.8 m	Olive (5Y5/3-Moist); , 5YR54; Massive grade of structure; Strong consistence; 50-90%, Phyllite, coarse fragments;
C2	0.8 - 1.3 m	Olive (5Y5/3-Moist); , 5YR53; Massive grade of structure; Strong consistence; 90-100%, Phyllite, coarse fragments;
C3	1.3 - 1.7 m	Olive (5Y5/3-Moist); , 10YR54; , 5YR53; Massive grade of structure; Strong consistence; 50-90%, Phyllite, coarse fragments;
	1.7 - 1.9 m	Olive grey (5Y5/2-Moist); , 10YR78; Massive grade of structure; Very firm consistence; 50-90%, Phyllite, coarse fragments;
	1.9 - 2 m	Olive (5Y5/3-Moist); , 10YR54; , 5YR53; Massive grade of structure; Very strong consistence; 90-100%, Phyllite, coarse fragments;

**Morphological Notes**

**Observation Notes**

0-6CM POROUS GRANULAR STRUCTURE.

**Site Notes**

WOONDUM

**Observation ID: 1**

**Laboratory Test Results:**

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Laboratory Analyses Completed for this profile