

**Project Name:** GYC  
**Project Code:** GYC      **Site ID:** B696      **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>	30/10/69	<b>Elevation:</b>	215 metres
<b>Map Ref.:</b>	Sheet No. : 9345 1:100000	<b>Rainfall:</b>	1143
<b>Northing/Long.:</b>	152.467777777778	<b>Runoff:</b>	Moderately rapid
<b>Easting/Lat.:</b>	-26.435555555556	<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>	Pze	<b>Substrate Material:</b>	Undisturbed soil core, 0.5 m deep, Serpentinite

**Land Form**

<b>Rel/Slope Class:</b>	No Data	<b>Pattern Type:</b>	Hills
<b>Morph. Type:</b>	No Data	<b>Relief:</b>	No Data
<b>Elem. Type:</b>	Hillslope	<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
Haplic Mesotrophic Red Ferrosol		<b>Principal Profile Form:</b>	Gn3.12
<b>ASC Confidence:</b>		<b>Great Soil Group:</b>	Prairie soil
No analytical data and little or no knowledge of this soil.			

**Site Disturbance:** Extensive clearing, for example poisoning, ringbarking

**Vegetation:** Low Strata - Tussock grass, , . \*Species includes - None recorded  
Tall Strata - Tree, 6.01-12m, Sparse. \*Species includes - Eucalyptus resinifera, Eucalyptus dichromophloia,  
Eucalyptus  
crebra

**Surface Coarse Fragments:**

**Profile Morphology**

A11	0 - 0.04 m	Dark reddish brown (5YR3/3-Moist); ; Loam (Heavy); Moderate grade of structure, 5-10 mm, Polyhedral; Wet; Moderately plastic; Very few (0 - 2 %), Manganiferous, Fine (0 - 2 mm), Soft segregations;
A12	0.04 - 0.14 m	Dark reddish brown (2.5YR3/4-Moist); ; Clay loam; Moderate grade of structure, 2-5 mm, Polyhedral; Wet; Moderately plastic; Very few (0 - 2 %), Manganiferous, Fine (0 - 2 mm), Soft segregations;
B1	0.14 - 0.23 m	Dark reddish brown (2.5YR3/4-Moist); ; Light clay; Strong grade of structure, 2-5 mm, Polyhedral; Wet; Very plastic; Very few (0 - 2 %), Manganiferous, Fine (0 - 2 mm), Soft segregations;
B2	0.23 - 0.44 m	Reddish brown (2.5YR4/4-Moist); ; Light medium clay; Strong grade of structure, 2-5 mm, Polyhedral; Wet; Very plastic; Very few (0 - 2 %), Manganiferous, , Soft segregations;
B3	0.44 - 0.5 m	Reddish brown (5YR4/4-Moist); ; Light medium clay; 2-5 mm, Polyhedral; Wet; Moderately plastic; 2-10%, Serpentinite, coarse fragments; Few (2 - 10 %), Manganiferous, , Soft segregations;
C	0.5 - 0.6 m	Pale olive (5Y6/4-Moist); ; N20; , 5G62; Clay loam; Very firm consistence;

**Morphological Notes**

**Observation Notes**

**Site Notes**

UPPER KANDANGA

**Observation ID: 1**

0 - 0.04  
0 - 0.1  
0.1 - 0.2  
0.2 - 0.4  
0.4 - 0.5  
0.5 - 0.6

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Laboratory Analyses Completed for this profile