

Project Name: GYC
Project Code: GYC **Site ID:** B656 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (QLD)

Site Information

Desc. By:	C.H. Thompson	Locality:	
Date Desc.:	06/08/69	Elevation:	168 metres
Map Ref.:	Sheet No. : 9445 1:100000	Rainfall:	1270
Northing/Long.:	152.731944444444	Runoff:	Rapid
Easting/Lat.:	-26.0161111111111	Drainage:	Well drained

Geology

ExposureType:	Undisturbed soil core	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	Rlk	Substrate Material:	Undisturbed soil core, 0.5 m deep, Phyllite

Land Form

Rel/Slope Class:	No Data	Pattern Type:	Hills
Morph. Type:	Crest	Relief:	No Data
Elem. Type:	Hillslope	Slope Category:	No Data
Slope:	2.5 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Mottled Mesotrophic Red Chromosol		Principal Profile Form:	Dr3.31
ASC Confidence:		Great Soil Group:	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
Tall Strata - Tree, , Mid-dense. *Species includes - None Recorded

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A11	0 - 0.01 m	Very dark greyish brown (10YR3/2-Moist); ; Loam; Weak grade of structure, <2 mm, Granular; Dry; Firm consistence;
A21	0.01 - 0.1 m	Reddish brown (5YR5/3-Moist); ; Loam; Weak grade of structure, <2 mm, Granular; Dry; Firm consistence; 20-50%, medium gravelly, 6-20mm, Phyllite, coarse fragments;
A22	0.1 - 0.2 m	Reddish brown (5YR5/4-Moist); ; Loam; Weak grade of structure, 5-10 mm, Polyhedral; Dry; Firm consistence; 20-50%, medium gravelly, 6-20mm, Phyllite, coarse fragments;
B2	0.2 - 0.5 m	Red (2.5YR4/6-Moist); , 10YR64, 10-20% , 0-5mm, Distinct; , 10-20% , 0-5mm, Distinct; Medium clay; Moderate grade of structure, 2-5 mm; Dry; Very firm consistence; 2-10%, medium gravelly, 6-20mm, Phyllite, coarse fragments;
C	0.5 - 0.8 m	Red (2.5YR4/8-Moist); , 10YR62; Massive grade of structure; Strong consistence; 90-100%, Phyllite, coarse fragments;
	0.8 - 1 m	Red (2.5YR4/8-Moist); , 5Y81; Massive grade of structure; Strong consistence; 90-100%, Phyllite, coarse fragments;

Morphological Notes

Observation Notes

0-10CM POROUS GRANULAR STRUCTURE.

Site Notes

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[illegible]

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Laboratory Analyses Completed for this profile