

Project Name: GYC
Project Code: GYC **Site ID:** B655 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (QLD)

Site Information

Desc. By:	C.H. Thompson	Locality:	
Date Desc.:	06/08/69	Elevation:	244 metres
Map Ref.:	Sheet No. : 9445 1:100000	Rainfall:	1143
Northing/Long.:	152.696111111111	Runoff:	Very rapid
Easting/Lat.:	-26.06	Drainage:	Rapidly drained

Geology

ExposureType:	Undisturbed soil core	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	Rlk	Substrate Material:	Undisturbed soil core, 0.7 m deep,Phyllite

Land Form

Rel/Slope Class:	Steep hills 90-300m 32-56%	Pattern Type:	Hills
Morph. Type:	Upper-slope	Relief:	No Data
Elem. Type:	Hillslope	Slope Category:	No Data
Slope:	31.5 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Haplic Mesotrophic Red Chromosol		Principal Profile Form:	Dr2.21
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	Dark reddish brown (5YR3/2-Moist); ; Loam; Moderate grade of structure, <2 mm, Granular; Dry; Firm consistence;
A12	0.01 - 0.1 m	Dark reddish grey (5YR4/2-Moist); ; Loam (Heavy); Weak grade of structure, 2-5 mm, Polyhedral; Dry; Firm consistence; 2-10%, medium gravelly, 6-20mm, Phyllite, coarse fragments;
A2	0.1 - 0.18 m	Reddish brown (5YR5/4-Moist); , 5YR64, 10-20% , 0-5mm, Faint; , 10-20% , 0-5mm, Faint; Silty clay loam; Weak grade of structure, 2-5 mm, Polyhedral; Dry; Firm consistence; 20-50%, medium gravelly, 6-20mm, Phyllite, coarse fragments;
B21	0.18 - 0.4 m	Red (2.5YR4/6-Moist); ; Medium clay; Moderate grade of structure, 2-5 mm, Polyhedral; Dry; Firm consistence; 2-10%, medium gravelly, 6-20mm, Phyllite, coarse fragments;
B22	0.4 - 0.6 m	Red (2.5YR4/6-Moist); , 2.5Y64, 20-50% , 0-5mm, Faint; , 20-50% , 0-5mm, Faint; Medium clay; Moderate grade of structure, 2-5 mm, Polyhedral; Dry; Firm consistence; 10-20%, medium gravelly, 6-20mm, Phyllite, coarse fragments;
B3	0.6 - 0.7 m	Very pale brown (10YR7/4-Moist); , 2.5YR36, 20-50% , 0-5mm, Faint; , 20-50% , 0-5mm, Faint; Light medium clay; Weak grade of structure, 2-5 mm, Polyhedral; Dry; Very firm consistence; 50-90%, coarse gravelly, 20-60mm, Phyllite, coarse fragments;
C	0.7 - 0.9 m	Red (2.5YR4/6-Moist); , 2.5Y72, 10-20% , 5-15mm, Distinct; , 10-20% , 5-15mm, Distinct; Massive grade of structure; Very firm consistence; 50-90%, Phyllite, coarse fragments;
	0.9 - 1.1 m	Dark reddish brown (2.5YR3/4-Moist); , 2.5Y72; Massive grade of structure; Strong consistence; 90-100%, Phyllite, coarse fragments;
	1.1 - 1.4 m	Dark reddish brown (2.5YR3/4-Moist); , 2.5Y72; Massive grade of structure; Strong consistence; 50-90%, Phyllite, coarse fragments;
	1.4 - 1.6 m	Dark reddish brown (2.5YR3/4-Moist); , 2.5Y72; Massive grade of structure; Strong consistence; 90-100%, Phyllite, coarse fragments;

Morphological Notes

Observation Notes

0-1CM POROUS GRANULAR STRUCTURE.

Project Name: GYC
Project Code: GYC **Site ID:** B655 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (QLD)

Site Notes

BUTLERS KNOB

Observation ID: 1

[illegible]

Project Name: GYC
Project Code: GYC Site ID: B655 Observation ID: 1
Agency Name: CSIRO Division of Soils (QLD)

Laboratory Analyses Completed for this profile