

Project Name: GYC
Project Code: GYC **Site ID:** B648 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (QLD)

Site Information

Desc. By:	C.H. Thompson	Locality:	
Date Desc.:	21/10/69	Elevation:	274 metres
Map Ref.:	Sheet No. : 9445 1:100000	Rainfall:	1397
Northing/Long.:	152.81111111111111	Runoff:	Very rapid
Easting/Lat.:	-26.422777777778	Drainage:	Rapidly drained

Geology

ExposureType:	Undisturbed soil core	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	Rlk	Substrate Material:	Undisturbed soil core, 0.3 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:	22.8 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Basic Paralithic Orthic Tenosol		Principal Profile Form:	Um4.1
ASC Confidence:		Great Soil Group:	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
Mid Strata - Shrub, , . *Species includes - None recorded
Tall Strata - Tree, , Mid-dense. *Species includes - None Recorded

Surface Coarse Fragments:

Profile Morphology

A11	0 - 0.03 m	Very dark brown (10YR2/2-Moist); ; Loam; Moderate grade of structure, <2 mm, Granular; Moist; Weak consistence;
A12	0.03 - 0.1 m	Reddish brown (5YR5/3-Moist); ; Clay loam; Weak grade of structure, 5-10 mm, Polyhedral; Moist; Firm consistence; 20-50%, medium gravelly, 6-20mm, Phyllite, coarse fragments;
A2	0.1 - 0.3 m	Yellowish red (5YR5/6-Moist); ; Clay loam; Weak grade of structure, 5-10 mm, Polyhedral; Moist; Firm consistence; 20-50%, medium gravelly, 6-20mm, Phyllite, coarse fragments;
C	0.3 - 0.5 m	Greyish brown (2.5Y5/3-Moist); , 5YR46; Massive grade of structure; Strong consistence; 50-90%, Phyllite, coarse fragments;
	0.5 - 0.7 m	Light brownish grey (2.5Y6/2-Moist); ; Massive grade of structure; Strong consistence; 90-100%, Phyllite, coarse fragments;
	0.7 - 1 m	Light brownish grey (2.5Y6/2-Moist); ; Massive grade of structure; Strong consistence; 90-100%, Phyllite, coarse fragments;

Morphological Notes

Observation Notes

0-3CM POROUS GRANULAR STRUCTURE. 70-100CM FEW QUARTZ FRAGMENTS.

Site Notes

MIDDLE CREEK

Observation ID: 1

[illegible]

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Laboratory Analyses Completed for this profile