

Project Name: GYC
Project Code: GYC **Site ID:** B643 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (QLD)

Site Information

Desc. By:	C.H. Thompson	Locality:	
Date Desc.:	05/08/69	Elevation:	210 metres
Map Ref.:	Sheet No. : 9445 1:100000	Rainfall:	1143
Northing/Long.:	152.664444444444	Runoff:	Moderately rapid
Easting/Lat.:	-26.043888888889	Drainage:	Well 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:	No Data	Relief:	No Data
Elem. Type:	Hillslope	Slope Category:	No Data
Slope:	0 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Bleached-Mottled Mesotrophic Yellow Kandosol		Principal Profile Form:	Gn2.84
ASC Confidence:		Great Soil Group:	No suitable group

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:

Profile Morphology

A1	0 - 0.1 m	Dark greyish brown (10YR4/2-Moist); ; Loam; Weak grade of structure, 5-10 mm, Polyhedral; Dry; Firm consistence; 0-2%, fine gravelly, 2-6mm, Phyllite, coarse fragments;
A2	0.1 - 0.2 m	Light yellowish brown (2.5Y6/4-Moist); , 10YR53, 10-20% , 0-5mm, Faint; , 7.5YR56, 10-20% , 0-5mm, Faint; Silty clay loam; Massive grade of structure; Dry; Very firm consistence; 0-2%, fine gravelly, 2-6mm, Phyllite, coarse fragments;
	0.2 - 0.3 m	Light yellowish brown (2.5Y6/4-Moist); , 5YR56, 10-20% , 0-5mm, Distinct; , 10-20% , 0-5mm, Distinct; Silty medium clay; Weak grade of structure, Polyhedral; Very firm consistence; 0-2%, fine gravelly, 2-6mm, Phyllite, coarse fragments;
C	0.3 - 0.4 m	Light brownish grey (2.5Y6/2-Moist); , 5YR56, 10-20% , 0-5mm, Distinct; , 10-20% , 0-5mm, Distinct; Massive grade of structure; Dry; Very firm consistence; 50-90%, Phyllite, coarse fragments;
	0.4 - 0.6 m	Light brownish grey (2.5Y6/2-Moist); , 2.5YR46, 20-50% , 5-15mm, Distinct; , N30, 20-50% , 5-15mm, Distinct; Massive grade of structure; Very firm consistence; 50-90%, Phyllite, coarse fragments;
	0.6 - 0.78 m	(N3/0-Moist); , 2.5YR46; , 2.5Y62; Massive grade of structure; Strong consistence; 90-100%, Phyllite, coarse fragments;

Morphological Notes

Observation Notes

LITHOSOL - PODOZOLIC INTERGRADE.

Site Notes

PEN-Y-RHOEL

Observation ID: 1

0 - 0.1
0.1 - 0.2
0.2 - 0.3
0.3 - 0.4
0.4 - 0.6
0.6 - 0.78

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Laboratory Analyses Completed for this profile