

Project Name: GYC
Project Code: GYC **Site ID:** B685 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (QLD)

Site Information

Desc. By:	C.H. Thompson	Locality:	
Date Desc.:	29/08/69	Elevation:	75 metres
Map Ref.:	Sheet No. : 9445 1:100000	Rainfall:	1520
Northing/Long.:	152.823611111111	Runoff:	Slow
Easting/Lat.:	-26.3375	Drainage:	Moderately well drained

Geology

ExposureType:	Undisturbed soil core	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	Rw	Substrate Material:	Undisturbed soil core, 0.8 m deep, Schist

Land Form

Rel/Slope Class:	No Data	Pattern Type:	Low hills
Morph. Type:	Crest	Relief:	No Data
Elem. Type:	No Data	Slope Category:	No Data
Slope:	1 %	Aspect:	No Data

Surface Soil Condition (dry):

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, 6.01-12m, Mid-dense. *Species includes - None Recorded

Surface Coarse Fragments:

Profile Morphology

A11	0 - 0.12 m	Very dark grey (7.5YR3/1-Moist); ; Silty loam; Strong grade of structure, 2-5 mm, Polyhedral; Moist; Very weak consistence; 0-2%, fine gravelly, 2-6mm, Quartz, coarse fragments;
A12	0.12 - 0.2 m	Dark brown (7.5YR3/2-Moist); ; Silty loam; Moderate grade of structure, 5-10 mm, Polyhedral; Moist; Weak consistence; 2-10%, medium gravelly, 6-20mm, Quartz, coarse fragments;
A2	0.2 - 0.27 m	Brown (7.5YR4/4-Moist); ; Silty clay loam (Light); Weak grade of structure, 5-10 mm, Polyhedral; Moist; Weak consistence; 2-10%, medium gravelly, 6-20mm, Quartz, coarse fragments; Sharp change to -
B21	0.27 - 0.4 m	Red (2.5YR4/6-Moist); ; Medium clay (Heavy); Strong grade of structure, 10-20 mm, Polyhedral; Moist; Firm consistence; 0-2%, Quartz, coarse fragments;
B22	0.4 - 0.6 m	Red (2.5YR4/6-Moist); ; Medium heavy clay; Strong grade of structure, 10-20 mm, Polyhedral; Moist; Firm consistence; 2-10%, Schist, coarse fragments;
B3	0.6 - 0.8 m	Yellowish red (5YR5/6-Moist); ; Massive grade of structure; Moist; Very firm consistence; 50-90%, Schist, coarse fragments;
C	0.8 - 1.2 m	Red (2.5YR5/6-Moist); , 5YR56, 2-10% , 0-5mm, Distinct; , 5YR82, 2-10% , 0-5mm, Distinct; 90-100%, Schist, coarse fragments;
	1.2 - 1.7 m	Red (2.5YR4/6-Moist); ; Silty medium clay; 10-20 mm, Polyhedral; Firm consistence; 2-10%, Schist, coarse fragments;
	1.7 - 1.9 m	Red (2.5YR4/6-Moist); , 10YR64, 0-2% , 0-5mm, Distinct; , 0-2% , 0-5mm, Distinct; Medium clay; Firm consistence; 20-50%, Schist, coarse fragments;
	1.9 - 2 m	Red (2.5YR5/6-Moist); , 5YR66; 90-100%, Schist, coarse fragments;

Morphological Notes

Observation Notes

Site Notes

COORAN

Laboratory Test Results:

0 - 0.1
0.1 - 0.2
0.2 - 0.3
0.3 - 0.4
0.4 - 0.6
0.6 - 0.8
0.8 - 1.2
1.2 - 1.7
1.7 - 1.9
1.9 - 2

0 - 0.1
0.1 - 0.2
0.2 - 0.3
0.3 - 0.4
0.4 - 0.6
0.6 - 0.8
0.8 - 1.2
1.2 - 1.7
1.7 - 1.9
1.9 - 2

0 - 0.1
0.1 - 0.2
0.2 - 0.3
0.3 - 0.4
0.4 - 0.6
0.6 - 0.8
0.8 - 1.2
1.2 - 1.7
1.7 - 1.9
1.9 - 2

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Laboratory Analyses Completed for this profile