

Project Name: GYC
Project Code: GYC **Site ID:** B672 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (QLD)

Site Information

Desc. By:	C.H. Thompson	Locality:	
Date Desc.:	08/08/69	Elevation:	106 metres
Map Ref.:	Sheet No. : 9445 1:100000	Rainfall:	1651
Northing/Long.:	152.9175	Runoff:	Rapid
Easting/Lat.:	-26.4255555555556	Drainage:	Moderately well drained

Geology

ExposureType:	Undisturbed soil core	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	Rlk	Substrate Material:	Undisturbed soil core, 2.1 m deep, Phyllite

Land Form

Rel/Slope Class:	No Data	Pattern Type:	Low hills
Morph. Type:	Upper-slope	Relief:	No Data
Elem. Type:	Hillslope	Slope Category:	No Data
Slope:	21 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Mottled Mesotrophic Yellow Dermosol		Principal Profile Form:	Gn3.74
ASC Confidence:		Great Soil Group:	Xanthozem

No analytical data and little or no knowledge of this soil.

Site Disturbance: Complete clearing. Pasture, native or improved, but never cultivated

Vegetation: Low Strata - Tussock grass, , . *Species includes - Imperata cylindrica, Unknown species
Tall Strata - , , . *Species includes - Acacia aulacocarpa

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1	0 - 0.04 m	Brown (10YR4/3-Moist); Pale brown (10YR6/3-Dry); ; Clay loam (Light); Moderate grade of structure, 2-5 mm, Granular; Dry; Firm consistence;
A2	0.04 - 0.1 m	Brownish yellow (10YR6/6-Moist); ; Clay loam; Moderate grade of structure, 5-10 mm, Subangular blocky; Dry; Firm consistence; 0-2%, Phyllite, coarse fragments;
A2	0.1 - 0.3 m	Brownish yellow (10YR6/5-Moist); ; Clay loam (Heavy); Moderate grade of structure, 5-10 mm, Polyhedral; Dry; Very firm consistence; 0-2%, Phyllite, coarse fragments;
B1	0.3 - 0.5 m	Brownish yellow (10YR6/6-Moist); , 2.5YR46, 2-10% , 5-15mm, Distinct; , 2-10% , 5-15mm, Distinct; Light clay (Heavy); Moderate grade of structure, 5-10 mm, Polyhedral; Smooth-ped fabric; Dry; Very firm consistence; 0-2%, Phyllite, coarse fragments;
B21	0.5 - 0.8 m	Brownish yellow (10YR6/6-Moist); , 2.5YR46, 20-50% , 5-15mm, Distinct; , 20-50% , 5-15mm, Distinct; Silty medium clay; Strong grade of structure, 5-10 mm, Polyhedral; Smooth-ped fabric; Dry; Very firm consistence; 2-10%, medium gravelly, 6-20mm, Phyllite, coarse fragments;
B22	0.8 - 1.2 m	Brownish yellow (10YR6/6-Moist); , 2.5YR46, 20-50% , 15-30mm, Prominent; , 2.5Y71, 20-50% , 15-30mm, Prominent; Silty medium clay; Strong grade of structure, 5-10 mm, Polyhedral; Dry; Very firm consistence; 2-10%, medium gravelly, 6-20mm, Phyllite, coarse fragments;
B23	1.2 - 1.6 m	Red (2.5YR4/6-Moist); , 2.5Y68, 20-50% , 15-30mm, Prominent; , 2.5Y71, 20-50% , 15-30mm, Prominent; Light medium clay; Moderate grade of structure, 5-10 mm, Polyhedral; Dry; Very firm consistence; 10-20%, Phyllite, coarse fragments;
B3	1.6 - 2.1 m	Red (2.5YR4/6-Moist); , 2.5Y71, 2-10% , 5-15mm, Prominent; , 2.5Y64, 2-10% , 5-15mm, Prominent; Medium clay; Moderate grade of structure, 5-10 mm, Polyhedral; Dry; Very firm consistence; 0-2%, Phyllite, coarse fragments;
B3C	2.1 - 2.14 m	Red (2.5YR4/6-Moist); , 2.5Y71, 20-50% , 15-30mm, Prominent; , 20-50% , 15-30mm, Prominent; Light medium clay; Weak grade of structure, 5-10 mm, Polyhedral; Dry; Firm consistence; 10-20%, Phyllite, coarse fragments;
C	2.14 - 2.24 m	Light olive brown (2.5Y5/4-Moist); , 10R44; Massive grade of structure; Strong consistence; 50-90%, Phyllite, coarse fragments;

Morphological Notes

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Observation Notes

VEGETATION: VINE SCRUB REGROWTH - FORMELY RAIN FOREST. 0-4CM POROUS GRANULAR STRUCTURE.

Site Notes

BANJORA

Laboratory Test Results:

0 - 0.04
0 - 0.1
0.1 - 0.3
0.3 - 0.5
0.5 - 0.8
0.8 - 1.2
1.2 - 1.6
1.6 - 2.1
2.1 - 2.14
2.1 - 2.24

0 - 0.04
0 - 0.1
0.1 - 0.3
0.3 - 0.5
0.5 - 0.8
0.8 - 1.2
1.2 - 1.6
1.6 - 2.1
2.1 - 2.14
2.1 - 2.24

0 - 0.04
0 - 0.1
0.1 - 0.3
0.3 - 0.5
0.5 - 0.8
0.8 - 1.2
1.2 - 1.6
1.6 - 2.1
2.1 - 2.14
2.1 - 2.24

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Laboratory Analyses Completed for this profile