Project Name: GYC
Project Code: GYC **Site ID:** B683 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (QLD)

Site Information

Desc. By:	C.H. Thompson	**Locality:**	
Date Desc.:	26/08/69	**Elevation:**	90 metres
Map Ref.:	Sheet No. : 9445 1:100000	**Rainfall:**	1143
Northing/Long.:	152.646944444445	**Runoff:**	Rapid
Easting/Lat.:	-26.1022222222222	**Drainage:**	Imperfectly drained

Geology

ExposureType:	Undisturbed soil core	**Conf. Sub. is Parent. Mat.:**	No Data
Geol. Ref.:	Rlk	**Substrate Material:**	Undisturbed soil core, 0.54 m deep,Phyllite

Land Form

Rel/Slope Class:	No Data	**Pattern Type:**	Low hills
Morph. Type:	Mid-slope	**Relief:**	No Data
Elem. Type:	Hillslope	**Slope Category:**	No Data
Slope:	14 %	**Aspect:**	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:
Bleached-Mottled Mesotrophic Brown Chromosol
ASC Confidence:
No analytical data and little or no knowledge of this soil.

Mapping Unit: N/A
Principal Profile Form: Dy3.41
Great Soil Group: Soloth

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

A1	0 - 0.04 m	Very dark greyish brown (10YR3/2-Moist); Greyish brown (10YR5/2-Dry); ; Loam; Weak grade of structure, Platy; Dry; Firm consistence; 0-2%, medium gravelly, 6-20mm, Phyllite, coarse fragments;
A2	0.04 - 0.13 m	Greyish brown (10YR5/2-Moist); Light grey (10YR7/2-Dry); ; Loam (Heavy); Massive grade of structure; Dry; Firm consistence; 0-2%, medium gravelly, 6-20mm, Phyllite, coarse fragments; Abrupt change to -
B21	0.13 - 0.2 m	Greyish brown (2.5Y5/3-Moist); , 5YR46, 20-50% , 0-5mm, Distinct; , 20-50% , 0-5mm, Distinct; Medium heavy clay; Strong grade of structure, Angular blocky; Dry; Very firm consistence; 0-2%, medium gravelly, 6-20mm, Phyllite, coarse fragments;
B22	0.2 - 0.54 m	Light olive brown (2.5Y5/4-Moist); , 20-50% , 0-5mm, Distinct; , 20-50% , 0-5mm, Distinct; Medium heavy clay; Strong grade of structure, Angular blocky; Dry; Very firm consistence; 2-10%, medium gravelly, 6-20mm, Phyllite, coarse fragments;
C	0.54 - 0.7 m	Light greenish grey (5G7/1-Moist); , 5YR58; Massive grade of structure; 50-90%, Phyllite, coarse fragments;
	0.7 - 0.8 m	Olive (5Y5/3-Moist); , 2.5YR36; Massive grade of structure; 90-100%, Phyllite, coarse fragments;
	0.8 - 0.94 m	Brown (10YR5/3-Moist); , 5YR58; , 5GY61; Massive grade of structure; 90-100%, Phyllite, coarse fragments;

Morphological Notes

Observation Notes

Site Notes

CORELLA

Project Name: GYC
Project Code: GYC **Site ID:** B683 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (QLD)

Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations				Exchangeable	CEC	ECEC	ESP
			Ca	Mg	K	Na	Acidity			
m		dS/m	Cmol (+)/kg							%
0 - 0.04										
0 - 0.1										
0.1 - 0.2										
0.2 - 0.5										
0.5 - 0.7										
0.7 - 0.8										
0.8 - 0.94										

Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Particle Size Analysis				
								GV	CS	FS	Silt	Clay
m	%	%	mg/kg	%	%	%	Mg/m3			%		
0 - 0.04												
0 - 0.1												
0.1 - 0.2												
0.2 - 0.5												
0.5 - 0.7												
0.7 - 0.8												
0.8 - 0.94												

Depth	COLE	Gravimetric/Volumetric Water Contents							K sat	K unsat
		Sat.	0.05 Bar	0.1 Bar	0.5 Bar	1 Bar	5 Bar	15 Bar		
m		g/g - m3/m3							mm/h	mm/h
0 - 0.04										
0 - 0.1										
0.1 - 0.2										
0.2 - 0.5										
0.5 - 0.7										
0.7 - 0.8										
0.8 - 0.94										

Project Name: GYC
Project Code: GYC **Site ID:** B683 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (QLD)

Laboratory Analyses Completed for this profile