

Project Name: GYC
Project Code: GYC **Site ID:** B699 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (QLD)

Site Information

Desc. By:	C.H. Thompson	Locality:	
Date Desc.:	19/05/70	Elevation:	90 metres
Map Ref.:	Sheet No. : 9445 1:100000	Rainfall:	1270
Northing/Long.:	152.751388888889	Runoff:	Rapid
Easting/Lat.:	-26.305	Drainage:	Well drained

Geology

ExposureType:	Undisturbed soil core	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	Rlk	Substrate Material:	Undisturbed soil core, 0.33 m deep,Shale

Land Form

Rel/Slope Class:	No Data	Pattern Type:	Hills
Morph. Type:	Upper-slope	Relief:	No Data
Elem. Type:	Hillslope	Slope Category:	No Data
Slope:	15.7 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Melanic Paralithic Chernic 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

Tall Strata - Tree, 6.01-12m, Mid-dense. *Species includes - Eucalyptus resinifera, Eucalyptus propinqua

Surface Coarse Fragments:

Profile Morphology

A11	0 - 0.11 m	Very dark brown (10YR2/2-Moist); ; Loam; Moderate grade of structure, 2-5 mm, Granular; Dry; Firm consistence; 10-20%, medium gravelly, 6-20mm, Shale, coarse fragments;
A12	0.11 - 0.25 m	Very dark greyish brown (10YR3/2-Moist); ; Loam; Weak grade of structure, 2-5 mm, Subangular blocky; Moist; Weak consistence; 10-20%, medium gravelly, 6-20mm, Shale, coarse fragments;
A2	0.25 - 0.33 m	Brown (10YR4/3-Moist); ; Loam; Massive grade of structure; Dry; Firm consistence; 20-50%, medium gravelly, 6-20mm, Shale, coarse fragments;
C	0.33 - 0.6 m	Yellowish brown (10YR5/4-Moist); , 5YR5/6; Massive grade of structure; Very firm consistence; 90-100%, Shale, coarse fragments;

Morphological Notes

Observation Notes

0-11CM POROUS GRANULAR STRUCTURE.

Site Notes

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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 - 0.1
0.1 - 0.2
0.2 - 0.3
0.3 - 0.6

Depth	CaCO3	Organic	Avail.	Total	Total	Total	Bulk	Particle		Size	Analysis	
		C	P	P	N	K	Density	GV	CS	FS	Silt	Clay
m	%	%	mg/kg	%	%	%	Mg/m3			%		

0 - 0.1
0.1 - 0.2
0.2 - 0.3
0.3 - 0.6

[illegible]

0 - 0.1
0.1 - 0.2
0.2 - 0.3
0.3 - 0.6

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Laboratory Analyses Completed for this profile