

Project Name: GYC
Project Code: GYC **Site ID:** B688 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (QLD)

Site Information

Desc. By:	C.H. Thompson	Locality:	
Date Desc.:	27/08/69	Elevation:	60 metres
Map Ref.:	Sheet No. : 9446 1:100000	Rainfall:	1143
Northing/Long.:	152.558333333333	Runoff:	Moderately rapid
Easting/Lat.:	-25.995277777778	Drainage:	Imperfectly drained

Geology

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

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:	5.25 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Mottled Mesotrophic Red Chromosol		Principal Profile Form:	Dr3.31
ASC Confidence:		Great Soil Group:	Soloth

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

Site Disturbance: Limited clearing, for example selective logging

Vegetation: Low Strata - Tussock grass, , Sparse. *Species includes - None recorded
Tall Strata - Tree, 6.01-12m, Mid-dense. *Species includes - None Recorded

Surface Coarse Fragments:

Profile Morphology

A1	0 - 0.03 m	Very dark greyish brown (10YR3/2-Moist); Dark greyish brown (10YR4/2-Dry); ; Loam; Massive grade of structure; Moist; Firm consistence; 2-10%, fine gravelly, 2-6mm, coarse fragments;
A2	0.03 - 0.16 m	Dark greyish brown (10YR4/2-Moist); , 10YR62; Loam; Massive grade of structure; Moist; Firm consistence; 2-10%, fine gravelly, 2-6mm, coarse fragments; Abrupt change to -
B2	0.16 - 0.2 m	Reddish brown (5YR4/4-Moist); , 7.5YR42, 20-50% , 0-5mm, Faint; , 20-50% , 0-5mm, Faint; Medium heavy clay; Strong grade of structure, 5-10 mm, Polyhedral; Moist; Very firm consistence; 2-10%, fine gravelly, 2-6mm, coarse fragments;
B2	0.2 - 0.4 m	Red (2.5YR4/6-Moist); , 10YR63, 10-20% , 0-5mm, Distinct; , 10-20% , 0-5mm, Distinct; Medium heavy clay; Moderate grade of structure, 5-10 mm, Polyhedral; Moist; Very firm consistence; 2-10%, fine gravelly, 2-6mm, coarse fragments;
B2	0.4 - 0.6 m	Red (2.5YR4/6-Moist); , 2.5Y62, 10-20% , 0-5mm, Distinct; , 10-20% , 0-5mm, Distinct; Medium heavy clay; Moderate grade of structure, Polyhedral; Moist; Very firm consistence; 2-10%, fine gravelly, 2-6mm, coarse fragments;
B3	0.6 - 0.8 m	Grey (5Y5/1-Moist); , 2.5YR46, 10-20% , 5-15mm, Distinct; , 10-20% , 5-15mm, Distinct; Medium heavy clay; , Polyhedral; Moist; Firm consistence; 2-10%, Shale, coarse fragments;
C	0.8 - 1.25 m	(N6/0-Moist); , 2.5YR46, 2-10% , 0-5mm, Distinct; , 7.5YR58, 2-10% , 0-5mm, Distinct; Medium heavy clay; , Polyhedral; Moist; Firm consistence; 2-10%, Shale, coarse fragments;

Morphological Notes

Observation Notes

Site Notes

GUNALDA

Observation ID: 1

Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations			Exchangeable	CEC	ECEC	ESP
m		dS/m	Ca	Mg	K	Na	Acidity		%
						Cmol (+)/kg			

0 - 0.03
0 - 0.2
0.16 - 0.2
0.2 - 0.4
0.4 - 0.6
0.6 - 0.8
0.8 - 1.2

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 - 0.03
0 - 0.2
0.16 - 0.2
0.2 - 0.4
0.4 - 0.6
0.6 - 0.8
0.8 - 1.2

[illegible]

0 - 0.03
0 - 0.2
0.16 - 0.2
0.2 - 0.4
0.4 - 0.6
0.6 - 0.8
0.8 - 1.2

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Laboratory Analyses Completed for this profile