

Project Name: GYC
Project Code: GYC **Site ID:** B698 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (QLD)

Site Information

Desc. By:	C.H. Thompson	Locality:	
Date Desc.:	19/05/70	Elevation:	76 metres
Map Ref.:	Sheet No. : 9445 1:100000	Rainfall:	1143
Northing/Long.:	152.586111111111	Runoff:	Slow
Easting/Lat.:	-26.213888888889	Drainage:	Imperfectly drained

Geology

ExposureType:	Undisturbed soil core	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	R-jy	Substrate Material:	Undisturbed soil core, 0.5 m deep, Sandstone

Land Form

Rel/Slope Class:	No Data	Pattern Type:	Low hills
Morph. Type:	No Data	Relief:	No Data
Elem. Type:	No Data	Slope Category:	No Data
Slope:	1.75 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Bleached-Mottled Mesotrophic Brown Chromosol		Principal Profile Form:	Dy3.41
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, , . *Species includes - None recorded
Mid Strata - Shrub, , . *Species includes - None recorded
Tall Strata - Tree, 6.01-12m, Mid-dense. *Species includes - None Recorded

Surface Coarse Fragments:

Profile Morphology

A1	0 - 0.05 m	Dark greyish brown (10YR4/2-Moist); Greyish brown (10YR5/2-Dry); ; Fine sandy loam (Light); Massive grade of structure; Dry; Firm consistence; 0-2%, fine gravelly, 2-6mm, Quartz, coarse fragments;
A2	0.05 - 0.18 m	Light brownish grey (10YR6/2-Moist); White (10YR8/2-Dry); ; Fine sandy loam (Light); Massive grade of structure; Dry; Firm consistence; 0-2%, fine gravelly, 2-6mm, Quartz, coarse fragments; Abrupt change to -
B21	0.18 - 0.3 m	Yellowish brown (10YR5/4-Moist); Light yellowish brown (10YR6/4-Dry); ; 7.5YR54, 10-20% , 5-15mm, Faint; , 2.5YR46, 10-20% , 5-15mm, Faint; Medium heavy clay; Moderate grade of structure, 10-20 mm, Angular blocky; Dry; Very firm consistence; 0-2%, fine gravelly, 2-6mm, Quartz, coarse fragments;
B22	0.3 - 0.4 m	Yellowish brown (10YR5/4-Moist); , 2.5Y53, 10-20% , 5-15mm, Distinct; , 2.5YR46, 10-20% , 5-15mm, Distinct; Medium heavy clay; Moderate grade of structure, 10-20 mm, Angular blocky; Dry; Very firm consistence; 0-2%, fine gravelly, 2-6mm, Quartz, coarse fragments;
B3	0.4 - 0.5 m	Grey (10YR6/1-Moist); , 5YR58, 20-50% , 15-30mm, Prominent; , 10YR56, 20-50% , 15-30mm, Prominent; Light medium clay; Weak grade of structure, 10-20 mm, Angular blocky; Dry; Very firm consistence; 0-2%, fine gravelly, 2-6mm, Quartz, coarse fragments;
C	0.5 - 0.58 m	Strong brown (7.5YR5/6-Moist); , 2.5Y71, 20-50% , 5-15mm, Prominent; , 20-50% , 5-15mm, Prominent; Sandy medium clay (Heavy); Massive grade of structure; Dry; Very firm consistence;

Morphological Notes

Observation Notes

Site Notes

SNAKE GULLY

Observation ID: 1

0 - 0.1
0.1 - 0.2
0.2 - 0.3
0.3 - 0.4
0.4 - 0.5
0.5 - 0.58

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Laboratory Analyses Completed for this profile