

Project Name: GYC
Project Code: GYC **Site ID:** B689 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (QLD)

Site Information

Desc. By:	C.H. Thompson	Locality:	
Date Desc.:	29/01/69	Elevation:	120 metres
Map Ref.:	Sheet No. : 9445 1:100000	Rainfall:	1270
Northing/Long.:	152.8236111111111	Runoff:	Moderately rapid
Easting/Lat.:	-26.1138888888889	Drainage:	Well drained

Geology

ExposureType:	Undisturbed soil core	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	R-Jy	Substrate Material:	Undisturbed soil core, 1.2 m deep, Sandstone

Land Form

Rel/Slope Class:	No Data	Pattern Type:	Low hills
Morph. Type:	No Data	Relief:	No Data
Elem. Type:	Hillslope	Slope Category:	No Data
Slope:	8.7 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Haplic Mesotrophic Red Kandosol		Principal Profile Form:	Gn2.64
ASC Confidence:		Great Soil Group:	Yellow podzolic soil
No analytical data and little or no knowledge of this soil.			

Site Disturbance:

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

Surface Coarse Fragments:

Profile Morphology

A11	0 - 0.1 m	Very dark greyish brown (10YR3/2-Moist); ; Loamy sand; Weak grade of structure, 5-10 mm, Subangular blocky; Moist; Very weak consistence; 0-2%, fine gravelly, 2-6mm, Quartz, coarse fragments;
A12	0.1 - 0.2 m	Dark greyish brown (10YR4/2-Moist); ; Loamy sand; Massive grade of structure; Moist; Very weak consistence; 0-2%, fine gravelly, 2-6mm, Quartz, coarse fragments;
A2	0.2 - 0.6 m	Yellowish brown (10YR5/4-Moist); ; Loamy sand; Massive grade of structure; Moist; Very weak consistence; 0-2%, fine gravelly, 2-6mm, Quartz, coarse fragments;
B1	0.6 - 0.75 m	Strong brown (7.5YR5/6-Moist); ; Clayey sand; Massive grade of structure; Moist; Very weak consistence; 0-2%, fine gravelly, 2-6mm, Quartz, coarse fragments;
B1	0.75 - 0.8 m	Yellowish red (5YR5/8-Moist); ; Sandy medium clay; Massive grade of structure; Earthy fabric; Moist; Weak consistence; 0-2%, fine gravelly, 2-6mm, Quartz, coarse fragments;
B2	0.8 - 1 m	Yellowish red (5YR5/6-Moist); , 10YR56, 20-50% , 5-15mm, Faint; , 2.5YR46, 20-50% , 5-15mm, Faint; Light clay; Massive grade of structure; Earthy fabric; Moist; Weak consistence; 0-2%, fine gravelly, 2-6mm, Quartz, coarse fragments;
B2	1 - 1.17 m	Yellowish red (5YR5/6-Moist); , 10YR56, 20-50% , 5-15mm, Faint; , 2.5YR46, 20-50% , 5-15mm, Faint; Light clay (Heavy); Massive grade of structure; Earthy fabric; Moist; Weak consistence; 0-2%, fine gravelly, 2-6mm, Quartz, coarse fragments;
C	1.17 - 1.6 m	Light grey (2.5Y7/1-Moist); , 10R46, 20-50% , 15-30mm, Prominent; , 20-50% , 15-30mm, Prominent; Sandy clay loam; Massive grade of structure;
	1.6 - 1.9 m	Light grey (2.5Y7/1-Moist); , 10R46, 20-50% , 15-30mm, Distinct; , 2.5YR56, 20-50% , 15-30mm, Distinct; Sandy clay loam (Light); Massive grade of structure;
	1.9 - 2 m	Light grey (2.5Y7/0-Moist); , 10R46, 20-50% , 15-30mm, Distinct; , 20-50% , 15-30mm, Distinct; Sandy medium clay; Massive grade of structure; 0-2%, medium gravelly, 6-20mm, rounded, Quartz, coarse fragments;

Morphological Notes

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Observation Notes

Site Notes

TAGIGAN

Laboratory Test Results:

0 - 0.1
0.1 - 0.2
0.2 - 0.6
0.6 - 0.7
0.7 - 0.8
0.8 - 1
1 - 1.2
1.2 - 1.6
1.6 - 1.9
1.9 - 2

0 - 0.1
0.1 - 0.2
0.2 - 0.6
0.6 - 0.7
0.7 - 0.8
0.8 - 1
1 - 1.2
1.2 - 1.6
1.6 - 1.9
1.9 - 2

0 - 0.1
0.1 - 0.2
0.2 - 0.6
0.6 - 0.7
0.7 - 0.8
0.8 - 1
1 - 1.2
1.2 - 1.6
1.6 - 1.9
1.9 - 2

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Laboratory Analyses Completed for this profile