

Project Name: GYC
Project Code: GYC **Site ID:** B663 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (QLD)

Site Information

Desc. By:	C.H. Thompson	Locality:	
Date Desc.:	30/10/69	Elevation:	76 metres
Map Ref.:	Sheet No. : 9445 1:100000	Rainfall:	1270
Northing/Long.:	152.770833333333	Runoff:	Moderately rapid
Easting/Lat.:	-26.328333333333	Drainage:	Moderately well drained

Geology

ExposureType:	Undisturbed soil core	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	Rlk	Substrate Material:	Undisturbed soil core, 0.08 m deep, Phyllite

Land Form

Rel/Slope Class:	No Data	Pattern Type:	Low hills
Morph. Type:	Upper-slope	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
Mottled Mesotrophic Red Chromosol		Principal Profile Form:	Dr2.21
ASC Confidence:		Great Soil Group:	Red podzolic soil

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

Site Disturbance: No effective disturbance other than grazing by hoofed animals

Vegetation: Low Strata - Tussock grass, , . *Species includes - None recorded
Mid Strata - Tree, , . *Species includes - None recorded
Tall Strata - Tree, , Mid-dense. *Species includes - Eucalyptus propinqua, Eucalyptus drepanophylla,

Eucalyptus crebra

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1	0 - 0.09 m	Dark brown (7.5YR3/2-Moist); ; Loam; Moderate grade of structure, 5-10 mm, Polyhedral; Moist; Weak consistence; 0-2%, medium gravelly, 6-20mm, Phyllite, coarse fragments;
A2	0.09 - 0.19 m	Brown (7.5YR4/2-Moist); ; Clay loam; Weak grade of structure, 5-10 mm, Polyhedral; Moist; Weak consistence; 2-10%, medium gravelly, 6-20mm, Phyllite, coarse fragments; Sharp change to -
B2	0.19 - 0.3 m	Red (2.5YR4/6-Moist); ; Medium heavy clay; Strong grade of structure, 2-5 mm, Polyhedral; Moist; Firm consistence; 2-10%, medium gravelly, 6-20mm, Phyllite, coarse fragments;
B2	0.3 - 0.5 m	Red (2.5YR4/6-Moist); , 10YR66, 0-2% , 0-5mm, Faint; , 0-2% , 0-5mm, Faint; Medium heavy clay; Strong grade of structure, 2-5 mm, Polyhedral; Moist; Firm consistence; 2-10%, medium gravelly, 6-20mm, Phyllite, coarse fragments;
B2	0.5 - 0.65 m	Red (2.5YR4/6-Moist); , 2.5Y64, 20-50% , 5-15mm, Distinct; , 20-50% , 5-15mm, Distinct; Medium heavy clay; Strong grade of structure, 5-10 mm, Polyhedral; Moist; Very firm consistence; 2-10%, medium gravelly, 6-20mm, Phyllite, coarse fragments;
B3	0.65 - 0.8 m	Light grey (2.5Y7/1-Moist); , 10YR56, 20-50% , 5-15mm, Distinct; , 2.5YR46, 20-50% , 5-15mm, Distinct; Weak grade of structure, 10-20 mm, Polyhedral; Moist; Firm consistence; 10-20%, Phyllite, coarse fragments;
C	0.8 - 1 m	Greyish brown (2.5Y5/2-Moist); , 5YR56; Massive grade of structure, Polyhedral; Strong consistence; 50-90%, Phyllite, coarse fragments;
	1 - 1.13 m	Brown (7.5YR5/4-Moist); , 5YR54; Massive grade of structure; Strong consistence; 90-100%, Phyllite, coarse fragments;
	1.13 - 1.21 m	Light greenish grey (5GY7/1-Moist); , 2.5YR44, 10-20% , 0-5mm, Distinct; , 10-20% , 0-5mm, Distinct; Medium clay; Moderate grade of structure, Polyhedral; Very firm consistence; 2-10%, Phyllite, coarse fragments;
	1.21 - 1.51 m	Greyish brown (2.5Y5/3-Moist); , 2.5YR44; Massive grade of structure; Strong consistence; 90-100%, Phyllite, coarse fragments;

Morphological Notes

Project Name: GYC
Project Code: GYC Site ID: B663 Observation ID: 1
Agency Name: CSIRO Division of Soils (QLD)

Observation Notes

Site Notes

TRAVESTON

Observation ID: 1

Laboratory Test Results:

[illegible][illegible][illegible]

Project Name: GYC
Project Code: GYC Site ID: B663 Observation ID: 1
Agency Name: CSIRO Division of Soils (QLD)

Laboratory Analyses Completed for this profile