

Project Name: GYC
Project Code: GYC **Site ID:** B658 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (QLD)

Site Information

Desc. By:	C.H. Thompson	Locality:	
Date Desc.:	26/08/69	Elevation:	91 metres
Map Ref.:	Sheet No. : 9445 1:100000	Rainfall:	1270
Northing/Long.:	152.683333333333	Runoff:	Rapid
Easting/Lat.:	-26.1183333333333	Drainage:	Moderately well drained

Geology

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

Land Form

Rel/Slope Class:	No Data	Pattern Type:	Hills
Morph. Type:	Mid-slope	Relief:	No Data
Elem. Type:	Hillslope	Slope Category:	No Data
Slope:	12 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Mottled Mesotrophic Red Dermosol		Principal Profile Form:	Dr2.31
ASC Confidence:		Great Soil Group:	Red podzolic soil
No analytical data and little or no knowledge of this soil.			

Site Disturbance: Complete clearing. Pasture, native or improved, but never cultivated

Vegetation: Low Strata - Tussock grass, , . *Species includes - Imperata cylindrica, Unknown species
Tall Strata - Tree, , Isolated plants. *Species includes - Eucalyptus resinifera, Eucalyptus propinqua

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1	0 - 0.2 m	Very dark greyish brown (10YR3/2-Moist); ; Silty loam; Weak grade of structure, 5-10 mm, Subangular blocky; Dry; Very firm consistence; 0-2%, medium gravelly, 6-20mm, Phyllite, coarse fragments;
A2	0.2 - 0.27 m	Dark greyish brown (10YR4/2-Moist); ; Clay loam; Weak grade of structure, 5-10 mm, Polyhedral; Dry; Firm consistence; 20-50%, medium gravelly, 6-20mm, Phyllite, coarse fragments; Clear change to -
B1	0.27 - 0.3 m	Dark reddish grey (5YR4/2-Moist); ; Light clay; Weak grade of structure, 5-10 mm, Polyhedral; Dry; Very firm consistence; 2-10%, medium gravelly, 6-20mm, Phyllite, coarse fragments;
B21	0.3 - 0.5 m	Red (2.5YR4/6-Moist); , 10YR64, 0-2% , 0-5mm, Faint; , 0-2% , 0-5mm, Faint; Medium clay; Strong grade of structure, 5-10 mm, Polyhedral; Moist; Very firm consistence; 2-10%, medium gravelly, 6-20mm, Phyllite, coarse fragments;
B22	0.5 - 0.6 m	Red (2.5YR4/6-Moist); , 2.5Y72, 10-20% , 5-15mm, Distinct; , 10-20% , 5-15mm, Distinct; Medium clay; Moderate grade of structure, 5-10 mm, Polyhedral; Moist; Very firm consistence; 10-20%, medium gravelly, 6-20mm, Phyllite, coarse fragments;
B3	0.6 - 0.8 m	Light grey (2.5Y7/2-Moist); , 2.5YR46, 20-50% , 5-15mm, Distinct; , 7.5YR66, 20-50% , 5-15mm, Distinct; Medium clay; Weak grade of structure, 5-10 mm, Polyhedral; Moist; Very firm consistence; 10-20%, medium gravelly, 6-20mm, Phyllite, coarse fragments;
C	0.8 - 0.9 m	Dark red (2.5YR3/6-Moist); ; Massive grade of structure; Strong consistence; 50-90%, Phyllite, coarse fragments;
	0.9 - 1.14 m	Dark red (2.5YR3/6-Moist); ; Massive grade of structure; Strong consistence; 90-100%, Phyllite, coarse fragments;

Morphological Notes

Observation Notes

Site Notes

NORTH DEEP CK.

Laboratory Test Results:

0 - 0.2
0.2 - 0.3
0.27 - 0.3
0.3 - 0.5
0.5 - 0.6
0.6 - 0.8
0.8 - 0.9
0.9 - 1.14

0 - 0.2
0.2 - 0.3
0.27 - 0.3
0.3 - 0.5
0.5 - 0.6
0.6 - 0.8
0.8 - 0.9
0.9 - 1.14

0 - 0.2
0.2 - 0.3
0.27 - 0.3
0.3 - 0.5
0.5 - 0.6
0.6 - 0.8
0.8 - 0.9
0.9 - 1.14

Project Name: GYC
Project Code: GYC Site ID: B658 Observation ID: 1
Agency Name: CSIRO Division of Soils (QLD)

Laboratory Analyses Completed for this profile