

Project Name: GYC
Project Code: GYC **Site ID:** B665 **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.:	152.677777777778	Runoff:	Rapid
Easting/Lat.:	-26.118888888889	Drainage:	Well drained

Geology

ExposureType:	Undisturbed soil core	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	Rlk	Substrate Material:	Undisturbed soil core, 1 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:	17.6 %	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:	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

Surface Coarse Fragments: 0-2%, , , Quartz

Profile Morphology

A1	0 - 0.1 m	Very dark greyish brown (10YR3/2-Moist); ; Loam; Weak grade of structure, 5-10 mm, Subangular blocky; Dry; Firm consistence; 2-10%, medium gravelly, 6-20mm, Phyllite, coarse fragments;
A2	0.1 - 0.24 m	Dark greyish brown (10YR4/2-Moist); ; Loam; Weak grade of structure, 5-10 mm, Subangular blocky; Dry; Firm consistence; 2-10%, medium gravelly, 6-20mm, Phyllite, coarse fragments;
B2	0.24 - 0.5 m	Red (2.5YR4/6-Moist); , 2.5Y63, 10-20% , 0-5mm, Distinct; , 10-20% , 0-5mm, Distinct; Medium clay; Moderate grade of structure, 10-20 mm, Polyhedral; Moist; Very firm consistence; 2-10%, medium gravelly, 6-20mm, Phyllite, coarse fragments;
B31	0.5 - 0.7 m	Light grey (2.5Y7/2-Moist); , 2.5YR46, 20-50% , 5-15mm, Distinct; , 2.5Y64, 20-50% , 5-15mm, Distinct; Medium heavy clay; Strong grade of structure, 5-10 mm, Polyhedral; Moist; Firm consistence; 0-2%, medium gravelly, 6-20mm, Phyllite, coarse fragments;
B32	0.7 - 0.9 m	Light grey (2.5Y7/1-Moist); , 2.5YR46, 10-20% , 5-15mm, Distinct; , 10-20% , 5-15mm, Distinct; Medium heavy clay; Strong grade of structure, 5-10 mm, Polyhedral; Moist; Firm consistence; 0-2%, medium gravelly, 6-20mm, Phyllite, coarse fragments;
B33	0.9 - 1.1 m	Light grey (2.5Y7/2-Moist); , 2.5YR46, 2-10% , 5-15mm, Distinct; , 7.5YR56, 2-10% , 5-15mm, Distinct; Medium heavy clay; Strong grade of structure, 5-10 mm, Polyhedral; Moist; Firm consistence; 2-10%, medium gravelly, 6-20mm, Phyllite, coarse fragments;

Morphological Notes

Observation Notes

Site Notes

NORTH DEEP CK.

Observation ID: 1

0 - 0.1
0.1 - 0.2
0.2 - 0.5
0.5 - 0.7
0.7 - 0.9
0.9 - 1.1

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Laboratory Analyses Completed for this profile