Project Name: GYC
Project Code: GYC **Site ID:** B644 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (QLD)

Site Information

Desc. By: C.H. Thompson
Date Desc.: 06/08/69
Map Ref.: Sheet No. : 9445 1:100000
Northing/Long.: 152.725
Easting/Lat.: -26.0883333333333
Locality:
Elevation: 205 metres
Rainfall: 1143
Runoff: Rapid
Drainage: Well drained

Geology

ExposureType: Undisturbed soil core
Geol. Ref.: Rlk
Conf. Sub. is Parent. Mat.: No Data
Substrate Material: Undisturbed soil core, 0.4 m deep,Phyllite

Land Form

Rel/Slope Class: Steep hills 90-300m 32-56%
Morph. Type: Crest
Elem. Type: Hillcrest
Slope: 0 %
Pattern Type: Hills
Relief: No Data
Slope Category: No Data
Aspect: No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:
Melanic Mesotrophic Grey Kandosol
ASC Confidence:
No analytical data and little or no knowledge of this soil.
Mapping Unit: N/A
Principal Profile Form: Um4.1
Great Soil Group: Lithosol

Site Disturbance: Limited clearing, for example selective logging

Vegetation: Low Strata - Tussock grass, , Very sparse. *Species includes - None recorded

Tall Strata - Tree, , Mid-dense. *Species includes - None Recorded

Surface Coarse Fragments:

Profile Morphology

A11	0 - 0.01 m	Very dark brown (7.5YR2/2-Moist); ; Loam; Moderate grade of structure, Granular; Dry; Firm consistence; 2-10%, fine gravelly, 2-6mm, Phyllite, coarse fragments;
A12	0.01 - 0.1 m	Dark brown (7.5YR3/2-Moist); ; Loam; Weak grade of structure, Subangular blocky; Dry; Firm consistence; 20-50%, medium gravelly, 6-20mm, Phyllite, coarse fragments;
A13	0.1 - 0.2 m	Dark brown (7.5YR3/2-Moist); ; Loam; Massive grade of structure; Dry; Firm consistence; 50-90%, coarse gravelly, 20-60mm, Phyllite, coarse fragments;
A2	0.2 - 0.4 m	Brown (7.5YR4/2-Moist); ; Loam; Massive grade of structure; Dry; Firm consistence; 50-90%, coarse gravelly, 20-60mm, Phyllite, coarse fragments;
C	0.4 - 0.6 m	Brown (7.5YR5/4-Moist); , N40; Massive grade of structure; Very firm consistence; 50-90%, Phyllite, coarse fragments;
	0.6 - 0.8 m	(N3/0-Moist); ; Massive grade of structure; Strong consistence; 50-90%, Phyllite, coarse fragments;

Morphological Notes

Observation Notes

0-1CM POROUS GRANULAR STRUCTURE.

Site Notes

VETERAN FOREST

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Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations				Exchangeable Acidity	CEC	ECEC	ESP
			Ca	Mg	K	Na				
m		dS/m	Cmol (+)/kg							%
0 - 0.01										
0 - 0.1										
0.1 - 0.2										
0.2 - 0.4										
0.4 - 0.6										
0.6 - 0.8										

Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Particle Size Analysis				
								GV	CS	FS	Silt	Clay
m	%	%	mg/kg	%	%	%	Mg/m3			%		
0 - 0.01												
0 - 0.1												
0.1 - 0.2												
0.2 - 0.4												
0.4 - 0.6												
0.6 - 0.8												

Depth	COLE	Gravimetric/Volumetric Water Contents						K sat	K unsat
		Sat.	0.05 Bar	0.1 Bar	0.5 Bar	1 Bar	5 Bar	15 Bar		
m		g/g - m3/m3							mm/h	mm/h
0 - 0.01										
0 - 0.1										
0.1 - 0.2										
0.2 - 0.4										
0.4 - 0.6										
0.6 - 0.8										

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Laboratory Analyses Completed for this profile