

Project Name: GYC
Project Code: GYC **Site ID:** B532 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (QLD)

Site Information

Desc. By:	G.D. Hubble	Locality:	
Date Desc.:	22/11/63	Elevation:	95 metres
Map Ref.:	Sheet No. : 9445 1:100000	Rainfall:	0
Northing/Long.:	152.748611111111	Runoff:	Very rapid
Easting/Lat.:	-26.229166666667	Drainage:	Rapidly drained

Geology

ExposureType:	Soil pit	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	Rc	Substrate Material:	Soil pit, 1.3 m deep, Quartz porphyry

Land Form

Rel/Slope Class:	No Data	Pattern Type:	No Data
Morph. Type:	No Data	Relief:	No Data
Elem. Type:	No Data	Slope Category:	No Data
Slope:	0 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Melanic Regolithic Chernic Tenosol		Principal Profile Form:	Uc2.21
ASC Confidence:		Great Soil Group:	No suitable
All necessary analytical data are available.			

Site Disturbance:

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

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A11	0 - 0.28 m	Very dark brown (10YR2/2-Moist); ; Sandy loam; Weak grade of structure, 2-5 mm, Subangular blocky; Few (<1 per 100mm2) Fine (1-2mm) macropores, Moist; Very weak consistence; 2-10%, medium gravelly, 6-20mm, Quartz porphyry, coarse fragments; Field pH 5.8 (pH meter); Common, fine (1-2mm) roots; Gradual change to -
A12	0.28 - 0.48 m	Dark greyish brown (10YR4/2-Moist); ; Sand (Heavy); Massive grade of structure; Few (<1 per 100mm2) Fine (1-2mm) macropores, Moist; Very weak consistence; 10-20%, coarse gravelly, 20-60mm, Quartz porphyry, coarse fragments; Field pH 5.8 (pH meter); Few, fine (1-2mm) roots; Gradual change to -
A2	0.43 - 0.64 m	Brownish yellow (10YR6/5-Moist); ; Sand; Massive grade of structure; Common (1-5 per 100mm2) Very fine (0.075-1mm) macropores, Dry; Very weak consistence; 2-10%, fine gravelly, 2-6mm, Quartz porphyry, coarse fragments; Field pH 5.9 (pH meter); Few, fine (1-2mm) roots; Clear change to -
B1	0.64 - 0.81 m	Yellow (10YR7/7-Moist); ; Clayey sand; Massive grade of structure; Fine (1-2mm) macropores, Dry; Weak consistence; 0-2%, fine gravelly, 2-6mm, Quartz porphyry, coarse fragments; Field pH 6.1 (pH meter); Diffuse change to -
B2	0.81 - 1.3 m	Brownish yellow (10YR6/6-Moist); , 10YR76, 20-50% , 5-15mm, Faint; , 20-50% , 5-15mm, Faint; Clayey sand; Massive grade of structure; Moist; Weak consistence; 0-2%, fine gravelly, 2-6mm, Quartz porphyry, coarse fragments; Field pH 6 (pH meter); Diffuse change to -
C	1.32 - 1.6 m	Pale yellow (2.5Y7/4-Moist); , 7.5YR58, 20-50% , 0-5mm, Distinct; , 10YR52, 20-50% , 0-5mm, Distinct; Clayey sand; Massive grade of structure; Moist; Weak consistence; 0-2%, medium gravelly, 6-20mm, Quartz porphyry, coarse fragments; Field pH 5.8 (pH meter);

Morphological Notes

Observation Notes

RUDIMENTARY PODZOL.

Site Notes

GYMPIE

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Laboratory Analyses Completed for this profile

15_NR_CA	Exch. basic cations (Ca++) - meq per 100g of soil - Not recorded
15_NR_H	Hydrogen Cation - meq per 100g of soil - Not recorded
15_NR_K	Exch. basic cations (K++) - meq per 100g of soil - Not recorded
15_NR_MG	Exch. basic cations (Mg++) - meq per 100g of soil - Not recorded
15_NR_NA	Exch. basic cations (Na++) - meq per 100g of soil - Not recorded
2A1	Air-dry moisture content
3_NR	Electrical conductivity or soluble salts - Not recorded
4_NR	pH of soil - Not recorded
5_NR	Water soluble Chloride - Cl(%) - Not recorded
6A1	Organic carbon - Walkley and Black
7_NR	Total nitrogen (%) - Not recorded
9_NR	Available P (mg/kg) - Not recorded
9A_NR	Total element - P(%) - Not recorded
P10_GRAV	Gravel (%)
P10_NR_C	Clay (%) - Not recorded
P10_NR_CS	Coarse sand (%) - Not recorded
P10_NR_FS	Fine sand (%) - Not recorded
P10_NR_Z	Silt (%) - Not recorded