

Project Name: GYC
Project Code: GYC **Site ID:** B654 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (QLD)

Site Information

| | | | |
|------------------------|------------------------------|-------------------|------------------|
| Desc. By: | C.H. Thompson | Locality: | |
| Date Desc.: | 29/08/69 | Elevation: | 122 metres |
| Map Ref.: | Sheet No. : 9445 1:100000 | Rainfall: | 1397 |
| Northing/Long.: | 152.8 | Runoff: | Moderately rapid |
| Easting/Lat.: | -26.3166666666667 | Drainage: | Well drained |

Geology

| | | | |
|----------------------|-----------------------|------------------------------------|--|
| ExposureType: | Undisturbed soil core | Conf. Sub. is Parent. Mat.: | No Data |
| Geol. Ref.: | Rlk | Substrate Material: | Undisturbed soil core, 0.5 m deep,Phyllite |

Land Form

| | | | |
|-------------------------|-----------|------------------------|---------|
| Rel/Slope Class: | No Data | Pattern Type: | Hills |
| Morph. Type: | Crest | Relief: | No Data |
| Elem. Type: | Hillslope | Slope Category: | No Data |
| Slope: | <3.5 % | 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: | 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 - None recorded
Tall Strata - Tree, 3.01-6m, Isolated plants. *Species includes - Eucalyptus propinqua, Eucalyptus

drepanophylla

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

| | | |
|-----|--------------|---|
| A11 | 0 - 0.12 m | Dark brown (7.5YR3/2-Moist); ; Loam; Massive grade of structure; Moist; Weak consistence; 2-10%, medium gravelly, 6-20mm, Phyllite, coarse fragments; |
| A12 | 0.12 - 0.2 m | Brown (7.5YR4/2-Moist); ; Loam; Massive grade of structure; Moist; Weak consistence; 20-50%, medium gravelly, 6-20mm, Phyllite, coarse fragments; |
| A2 | 0.2 - 0.36 m | Brown (7.5YR5/4-Moist); ; Loam; Massive grade of structure; Moist; Weak consistence; 20-50%, medium gravelly, 6-20mm, Phyllite, coarse fragments; Sharp change to - |
| B2 | 0.36 - 0.5 m | Reddish brown (5YR4/4-Moist); , 7.5YR63, 0-2% , 0-5mm, Distinct; , 5YR46, 0-2% , 0-5mm, Distinct; Light clay; Moderate grade of structure, 5-10 mm, Polyhedral; Moist; Firm consistence; 20-50%, medium gravelly, 6-20mm, Phyllite, coarse fragments; |
| C | 0.5 - 0.8 m | Greyish brown (2.5Y5/2-Moist); , 2.5Y42; , 2.5YR36; Massive grade of structure; Very firm consistence; 50-90%, Phyllite, coarse fragments; |
| | 0.8 - 1 m | Greyish brown (2.5Y5/2-Moist); , 10R34; Massive grade of structure; Strong consistence; 90-100%, Phyllite, coarse fragments; |

Morphological Notes

Observation Notes

Site Notes

TRAVESTON

Observation ID: 1

Laboratory Test Results:

| Depth | pH | 1:5 EC | Exchangeable Cations | | | Exchangeable | CEC | ECEC | ESP |
|-------|----|--------|----------------------|----|---|--------------|---------|------|-----|
| m | | dS/m | Ca | Mg | K | Na | Acidity | | % |
| | | | | | | Cmol (+)/kg | | | |

0 - 0.1
0.1 - 0.2
0.2 - 0.4
0.4 - 0.5
0.5 - 0.8
0.8 - 1

| Depth | CaCO3 | Organic | Avail. | Total | Total | Total | Bulk | Particle | | Size | Analysis | |
|-------|-------|---------|--------|-------|-------|-------|---------|----------|----|------|----------|------|
| | | C | P | P | N | K | Density | GV | CS | FS | Silt | Clay |
| m | % | % | mg/kg | % | % | % | Mg/m3 | | | % | | |

0 - 0.1
0.1 - 0.2
0.2 - 0.4
0.4 - 0.5
0.5 - 0.8
0.8 - 1

[illegible]

0 - 0.1
0.1 - 0.2
0.2 - 0.4
0.4 - 0.5
0.5 - 0.8
0.8 - 1

Project Name: GYC
Project Code: GYC Site ID: B654 Observation ID: 1
Agency Name: CSIRO Division of Soils (QLD)

Laboratory Analyses Completed for this profile