

Project Name: LOC
Project Code: LOC Site ID: B1005 Observation ID: 1
Agency Name: CSIRO Division of Soils (QLD)

Site Information

| | | | |
|-----------------|---------------------------|------------|--------------|
| Desc. By: | K.J. Smith | Locality: | |
| Date Desc.: | // | Elevation: | No Data |
| Map Ref.: | Sheet No. : 9342 1:100000 | Rainfall: | 0 |
| Northing/Long.: | 152.320833333333 | Runoff: | No Data |
| Easting/Lat.: | -27.7869444444445 | Drainage: | Well drained |

Geology

| | | | |
|---------------|---------|-----------------------------|-----------|
| ExposureType: | No Data | Conf. Sub. is Parent. Mat.: | No Data |
| Geol. Ref.: | No Data | Substrate Material: | Sandstone |

Land Form

| | | | |
|------------------|---------|-----------------|-----------|
| Rel/Slope Class: | No Data | Pattern Type: | Mountains |
| Morph. Type: | No Data | Relief: | No Data |
| Elem. Type: | No Data | Slope Category: | No Data |
| Slope: | 17.6 % | Aspect: | No Data |

Surface Soil Condition (dry):

Erosion:

Soil Classification

| | | | |
|---------------------------------|--|-------------------------|--------------|
| Australian Soil Classification: | | Mapping Unit: | N/A |
| N/A | | Principal Profile Form: | Dr2.12 |
| ASC Confidence: | | Great Soil Group: | Solodic soil |
| Confidence level not specified | | | |

Site Disturbance: No effective disturbance other than grazing by hoofed animals

Vegetation:

Tall Strata - Tree, 12.01-20m, Sparse. *Species includes - Eucalyptus crebra

Surface Coarse Fragments:

Profile Morphology

| | | |
|-----|---------------|---|
| A1 | 0 - 0.35 m | Dark brown (7.5YR3/2-Moist); ; Sandy loam; Weak grade of structure, 10-20 mm, Subangular blocky; Dry; Very weak consistence; Field pH 5.7 (pH meter); Gradual change to - |
| B21 | 0.35 - 0.45 m | Dark reddish brown (5YR3/4-Moist); ; Fine sandy medium clay; Weak grade of structure, Angular blocky; Moist; Firm consistence; Field pH 6.5 (pH meter); Gradual change to - |
| B22 | 0.45 - 0.53 m | Reddish brown (5YR4/4-Moist); ; Light medium clay; Weak grade of structure, Angular blocky; Moist; Very firm consistence; Field pH 7 (pH meter); |

Morphological Notes

Observation Notes

WAS LV420:

Site Notes

LOCKYER

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Laboratory Test Results:

| Depth | pH | 1:5 EC | Ca | Exchangeable Mg | Cations K | Na | Exchangeable Acidity | CEC | ECEC | ESP |
|-------------|------|--------|------|-----------------|-----------|-------------|----------------------|-------|------|------|
| m | | dS/m | | | | Cmol (+)/kg | | | | % |
| 0 - 0.35 | 5.9A | 0.068A | 4.8J | 2.6 | 0.64 | 0.2 | | 10.8F | | 1.85 |
| 0.35 - 0.45 | 6.2A | 0.08A | 2.8J | 3.9 | 0.33 | 0.4 | | 9.4F | | 4.26 |
| 0.45 - 0.53 | 6.2A | 0.109A | 2J | 10.3 | 0.28 | 1.5 | | 16.2F | | 9.26 |

[illegible][illegible]

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Laboratory Analyses Completed for this profile

| | |
|----------|--|
| 15F1_CA | Exchangeable bases by 0.01M silver-thiourea (AgTU)+, no pretreatment for soluble salts |
| 15F1_CEC | Exchangeable bases by 0.01m (AgTU)+, no pretreatment for soluble salts |
| 15F1_K | Exchangeable bases by 0.01m (AgTU)+, no pretreatment for soluble salts |
| 15F1_MG | Exchangeable bases by 0.01m (AgTU)+, no pretreatment for soluble salts |
| 15F1_NA | Exchangeable bases by 0.01m (AgTU)+, no pretreatment for soluble salts |
| 15F2_AL | Extractable Al(%) - Silver Thiorea |
| 3A1 | EC of 1:5 soil/water extract |
| 4A1 | pH of 1:5 soil/water suspension |