

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1349 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

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|------------------------|----------------------|-------------------|-------------------------|
| Desc. By: | Rogers, Gary | Locality: | |
| Date Desc.: | 12/08/92 | Elevation: | No Data |
| Map Ref.: | Sheet No. : 7957 GPS | Rainfall: | No Data |
| Northing/Long.: | 7776771 AMG zone: 55 | Runoff: | Very slow |
| Easting/Lat.: | 321184 Datum: AGD66 | Drainage: | Moderately well drained |

Geology

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|-----------------------|---------|------------------------------------|--------------------------------|
| Exposure Type: | No Data | Conf. Sub. is Parent. Mat.: | No Data |
| Geol. Ref.: | No Data | Substrate Material: | Undisturbed soil core, No Data |

Land Form

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|-------------------------|---------------------|------------------------|---------|
| Rel/Slope Class: | Level plain <9m <1% | Pattern Type: | Plain |
| Morph. Type: | Flat | Relief: | No Data |
| Elem. Type: | Plain | Slope Category: | Level |
| Slope: | 1 % | Aspect: | No Data |

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

| | | | |
|---|--|--------------------------------|------------|
| Australian Soil Classification: | | Mapping Unit: | N/A |
| Haplic Eutrophic Brown Dermosol Medium Slightly gravelly Clayey Clayey Moderately deep | | Principal Profile Form: | Uf6.31 |
| ASC Confidence: | No analytical data are available but confidence is fair. | Great Soil Group: | Brown clay |

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

Vegetation: Low Strata - Tussock grass, 0.26-0.5m, Sparse. *Species includes - Unknown species, Aristida species
Mid Strata - , , . *Species includes - Eucalyptus platyphylla, Eucalyptus orgadophylla
Tall Strata - Tree, 12.01-20m, Very sparse. *Species includes - Eucalyptus orgadophylla, Eucalyptus
platyphylla,
Eucalyptus crebra

Surface Coarse Fragments: 2-10%, stony, 200-600mm, subrounded, Basalt

Profile Morphology

| | | |
|-----|--------------|---|
| A1 | 0 - 0.18 m | Dark brown (7.5YR3/2-Moist); ; Light clay; Moderate grade of structure, 2-5 mm, Polyhedral; Smooth-ped fabric; Few (2 - 10 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Calcareous, , , , Gypseous, , ; Field pH 6.5 (Raupach, 0.05); Clear change to - |
| B21 | 0.18 - 0.3 m | Brown (7.5YR4/4-Moist); ; Light medium clay; Weak grade of structure, 5-10 mm, Subangular blocky; Smooth-ped fabric; Few (<1 per 100mm ²) Very fine (0.075-1mm) macropores, Few (2 - 10 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Calcareous, , , , Gypseous, , ; Field pH 7 (Raupach, 0.2); Clear change to - |
| B22 | 0.3 - 0.7 m | Brown (7.5YR4/4-Moist); ; Light medium clay; Moderate grade of structure, 5-10 mm, Subangular blocky; Smooth-ped fabric; Few (<1 per 100mm ²) Very fine (0.075-1mm) macropores, Common (10 - 20 %), Manganiferous, Medium (2 - 6 mm), Nodules; , Calcareous, , , , Gypseous, , ; Field pH 7.5 (Raupach, 0.6); |

Morphological Notes

Observation Notes

Site Notes

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Laboratory Test Results:

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