

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 2100 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

| | | | |
|------------------------|-------------------------|-------------------|---------|
| Desc. By: | M.G. Cannon | Locality: | |
| Date Desc.: | 04/10/93 | Elevation: | No Data |
| Map Ref.: | Sheet No. : 7857 GPS | Rainfall: | No Data |
| Northing/Long.: | 7752134 AMG zone: 55 | Runoff: | No Data |
| Easting/Lat.: | 283260 Datum: AGD66 | Drainage: | No Data |

Geology

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

Land Form

| | | | |
|-------------------------|------------------------------|------------------------|-----------------|
| Rel/Slope Class: | Undulating rises 9-30m 3-10% | Pattern Type: | Rises |
| Morph. Type: | Mid-slope | Relief: | No Data |
| Elem. Type: | Hillslope | Slope Category: | Gently inclined |
| Slope: | 8 % | Aspect: | No Data |

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

| | | | |
|--|--|--------------------------------|-----|
| Australian Soil Classification: | | Mapping Unit: | N/A |
| Haplic Eutrophic Red Chromosol Thin Slightly gravelly Loamy Clayey Moderately deep | | Principal Profile Form: | N/A |

| | | | |
|--|--|--------------------------|-----|
| ASC Confidence: | | Great Soil Group: | N/A |
| No analytical data are available but confidence is fair. | | | |

Site Disturbance: Limited clearing, for example selective logging

Vegetation: Low Strata - , , . *Species includes - None recorded
 Mid Strata - Tree, 3.01-6m, Sparse. *Species includes - Eucalyptus quadricostata, Eucalyptus erythrophloia
 Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - Eucalyptus quadricostata

Surface Coarse Fragments:

Profile Morphology

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 | | | % |
| | | | | | | | | | | |

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

| Depth | COLE | Gravimetric/Volumetric Water Contents | | | | | | K sat | K unsat | |
|-------|------|---------------------------------------|----------|---------|---------|-------|-------|--------|---------|------|
| m | | Sat. | 0.05 Bar | 0.1 Bar | 0.5 Bar | 1 Bar | 5 Bar | 15 Bar | | |
| | | | | | g/g - | m3/m3 | | | mm/h | mm/h |

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Laboratory Analyses Completed for this profile