

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 665 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

| | | | |
|------------------------|---------------------------|-------------------|---------|
| Desc. By: | M.G. Cannon | Locality: | |
| Date Desc.: | 01/06/91 | Elevation: | No Data |
| Map Ref.: | Sheet No. : 8159-2 GPS | Rainfall: | No Data |
| Northing/Long.: | 7844608 AMG zone: 55 | Runoff: | No Data |
| Easting/Lat.: | 432083 Datum: AGD66 | Drainage: | No Data |

Geology

| | | | |
|----------------------|---------|------------------------------------|-------------------------------------|
| ExposureType: | No Data | Conf. Sub. is Parent. Mat.: | No Data |
| Geol. Ref.: | No Data | Substrate Material: | Existing vertical exposure, Granite |

Land Form

| | | | |
|-------------------------|------------------------------|------------------------|---------|
| Rel/Slope Class: | Undulating rises 9-30m 3-10% | Pattern Type: | Rises |
| Morph. Type: | Crest | Relief: | No Data |
| Elem. Type: | Plain | Slope Category: | Level |
| Slope: | % | Aspect: | No Data |

Surface Soil Condition (dry):

Erosion:

Soil Classification

| | | | |
|--|--|--------------------------------|-----------------------|
| Australian Soil Classification: | | Mapping Unit: | N/A |
| Haplic Eutrophic Red Chromosol Medium Non-gravelly Clay-loamy Clayey Shallow | | Principal Profile Form: | Dr2.12 |
| ASC Confidence: | | Great Soil Group: | Non-calcic brown soil |
| No analytical data are available but confidence is fair. | | | |

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

Vegetation:

Surface Coarse Fragments:

Profile Morphology

| | | |
|----|--------------|--|
| A1 | 0 - 0.1 m | ; Clay loam; Moderate grade of structure, 5-10 mm, Granular; , Calcareous, , , , Gypseous, , , |
| B2 | 0.1 - 0.45 m | ; Light medium clay; Strong grade of structure, 50-100 mm, Angular blocky; , Calcareous, , , , Gypseous, , , |
| C | 0.45 - 0.9 m | ; , Calcareous, , , , Gypseous, , , |

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 | Acidity | | | | | % |
| | | | | | | Cmol (+)/kg | | | | | | |

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

| 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