

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1280 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

| | | | |
|------------------------|-------------------------|-------------------|-------------------------|
| Desc. By: | Rogers, Gary | Locality: | |
| Date Desc.: | 21/07/92 | Elevation: | 380 metres |
| Map Ref.: | Sheet No. : 8059 GPS | Rainfall: | No Data |
| Northing/Long.: | 7872872 AMG zone: 55 | Runoff: | Rapid |
| Easting/Lat.: | 351856 Datum: AGD66 | Drainage: | Moderately well drained |

Geology

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

Land Form

| | | | |
|-------------------------|------------------------------|------------------------|--------------------|
| Rel/Slope Class: | Undulating rises 9-30m 3-10% | Pattern Type: | No Data |
| Morph. Type: | Simple-slope | Relief: | No Data |
| Elem. Type: | No Data | Slope Category: | Very gently sloped |
| Slope: | 3 % | Aspect: | No Data |

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

| | | |
|--------------------------------------------------------------------------------|--------------------------------|--------|
| Australian Soil Classification: | Mapping Unit: | N/A |
| Haplic Eutrophic Brown Kandosol Medium Very gravelly Clay-loamy Clayey Shallow | Principal Profile Form: | Um5.51 |

ASC Confidence: No analytical data are available but confidence is fair. **Great Soil Group:** Lithosol

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

Vegetation: Low Strata - Tussock grass, 0.26-0.5m, Isolated plants. *Species includes - *Chrysopogon fallax*, *Bothriochloa*
decipiens,
Aristida species Mid Strata - Tree, 1.01-3m, Sparse. *Species includes - *Petalostigma pubescens*, *Eucalyptus*
persists

Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - Eucalyptus persistens

Surface Coarse Fragments: 50-90%, coarse gravelly, 20-60mm, angular, Quartz

Profile Morphology

| | | |
|----|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A1 | 0 - 0.12 m | Yellowish brown (10YR5/4-Moist); ; Clay loam; Massive grade of structure; Earthy fabric; 20-50%, medium gravelly, 6-20mm, angular, Substrate material, coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.04); Clear change to - |
| B2 | 0.12 - 0.27 m | Strong brown (7.5YR4/6-Moist); ; Light clay; Massive grade of structure; Earthy fabric; 20-50%, medium gravelly, 6-20mm, angular, Substrate material, coarse fragments; , Calcareous, , , ; Gypseous, , ; Field pH 6.5 (Raupach, 0.2); Clear change to - |
| B3 | 0.27 - 0.4 m | Greyish brown (2.5Y5/3-Moist); ; Clay loam; Massive grade of structure; Sandy (grains prominent) fabric; 50-90%, medium gravelly, 6-20mm, angular, Substrate material, coarse fragments; , Calcareous, , , ; Gypseous, , ; Field pH 7.5 (Raupach, 0.35); |

Morphological Notes

Observation Notes

Site Notes

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Laboratory Test Results:

[illegible][illegible][illegible]

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Laboratory Analyses Completed for this profile

4A1 pH of 1:5 soil/water suspension