

**Project Name:** Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD  
**Project Code:** DLR **Site ID:** 1547 **Observation ID:** 1  
**Agency Name:** QLD Department of Primary Industries

#### Site Information

<b>Desc. By:</b>	Rogers, Gary	<b>Locality:</b>	
<b>Date Desc.:</b>	27/10/92	<b>Elevation:</b>	No Data
<b>Map Ref.:</b>	Sheet No. : 8056 GPS	<b>Rainfall:</b>	No Data
<b>Northing/Long.:</b>	7685374 AMG zone: 55	<b>Runoff:</b>	Slow
<b>Easting/Lat.:</b>	388479 Datum: AGD66	<b>Drainage:</b>	Poorly drained

#### Geology

<b>Exposure Type:</b>	No Data	<b>Conf. Sub. is Parent. Mat.:</b>	No Data
<b>Geol. Ref.:</b>	No Data	<b>Substrate Material:</b>	Undisturbed soil core, No Data

#### Land Form

<b>Rel/Slope Class:</b>	Level plain <9m <1%	<b>Pattern Type:</b>	Plain
<b>Morph. Type:</b>	Flat	<b>Relief:</b>	No Data
<b>Elem. Type:</b>	Plain	<b>Slope Category:</b>	Very gently sloped
<b>Slope:</b>	1 %	<b>Aspect:</b>	No Data

**Surface Soil Condition (dry):** Firm, Cracking

#### Erosion:

#### Soil Classification

<b>Australian Soil Classification:</b>	<b>Mapping Unit:</b>	N/A
Haplic Calcareous Grey Dermosol Thin Non-gravelly Clayey Clayey Moderately deep	<b>Principal Profile Form:</b>	Uf6.31
<b>ASC Confidence:</b>	<b>Great Soil Group:</b>	Euchrozem

No analytical data are available but confidence is fair.

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

**Vegetation:** Low Strata - Tussock grass, 0.26-0.5m, Sparse. \*Species includes - Themeda triandra, Dichanthium species, Cenchrus species  
Mid Strata - Tree, 1.01-3m, Sparse. \*Species includes - Acacia argyrodendron

Tall Strata - Tree, 6.01-12m, Very sparse. \*Species includes - Eucalyptus coolibah, Acacia argyrodendron

**Surface Coarse Fragments:** 0-2%, medium gravelly, 6-20mm, rounded, Calcrete

#### Profile Morphology

A1	0 - 0.05 m	Olive brown (2.5Y3/3-Moist); ; Light clay; Weak grade of structure, 10-20 mm, Subangular blocky; Rough-ped fabric; Dry; Very firm consistence; , Calcareous, , , Gypseous, , ; Field pH 6 (Raupach, 0.05); Clear change to -
B21	0.05 - 0.35 m	Dark greyish brown (2.5Y4/3-Moist); ; Medium clay; Weak grade of structure, 20-50 mm, Subangular blocky; Smooth-ped fabric; Dry; Strong consistence; , Calcareous, , , Gypseous, , ; Field pH 7 (Raupach, 0.25); Gradual change to -
B22	0.35 - 0.8 m	Dark greyish brown (2.5Y4/3-Moist); ; Medium clay; Moderate grade of structure, 20-50 mm, Subangular blocky; Moderate grade of structure, 5-10 mm, Angular blocky; Smooth-ped fabric; Dry; Strong consistence; Few (2 - 10 %), Manganiferous, Coarse (6 - 20 mm), Soft segregations; Few (2 - 10 %), Calcareous, Medium (2 -6 mm), Nodules; , Gypseous, , ; Soil matrix is Highly calcareous; Field pH 8.5 (Raupach, 0.6);

#### 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