

**Project Name:** Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD  
**Project Code:** DLR                      **Site ID:** 1278                      **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>	21/07/92	<b>Elevation:</b>	360 metres
<b>Map Ref.:</b>	Sheet No. : 8059    GPS	<b>Rainfall:</b>	No Data
<b>Northing/Long.:</b>	7871331 AMG zone: 55	<b>Runoff:</b>	Moderately rapid
<b>Easting/Lat.:</b>	347485    Datum: AGD66	<b>Drainage:</b>	Imperfectly drained

#### Geology

<b>ExposureType:</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>	No Data
<b>Morph. Type:</b>	Flat	<b>Relief:</b>	No Data
<b>Elem. Type:</b>	No Data	<b>Slope Category:</b>	Level
<b>Slope:</b>	1 %	<b>Aspect:</b>	No Data

**Surface Soil Condition (dry):** Hardsetting

#### Erosion:

#### Soil Classification

<b>Australian Soil Classification:</b>	<b>Mapping Unit:</b>	N/A
Eutrophic Subnatric Yellow Sodosol Thick Non-gravelly Clay-loamy Clayey Very deep	<b>Principal Profile Form:</b>	Dy2.43
<b>ASC Confidence:</b>	<b>Great Soil Group:</b>	Solodic soil

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 - Chrysopogon fallax, Bothriochloa decipiens, Chloris species                      Mid Strata - , , . \*Species includes - None recorded

Tall Strata - Tree, 6.01-12m, Sparse. \*Species includes - Eucalyptus crebra, Eucalyptus brownii

**Surface Coarse Fragments:** No surface coarse fragments

#### Profile Morphology

A11	0 - 0.12 m	Yellowish brown (10YR5/4-Moist); ; Sandy clay loam (Light); Massive grade of structure; Sandy (grains prominent) fabric; 0-2%, fine gravelly, 2-6mm, subangular, Substrate material, coarse fragments; , Calcareous, , , , Gypseous, , ; Field pH 6.5 (Raupach, 0.05); Clear change to -
A12	0.12 - 0.28 m	Brown (7.5YR5/4-Moist); ; Sandy loam; Massive grade of structure; Earthy fabric; 2-10%, fine gravelly, 2-6mm, subangular, Substrate material, coarse fragments; , Calcareous, , , , Gypseous, , ; Field pH 7 (Raupach, 0.2); Clear change to -
A2	0.28 - 0.45 m	Brown (10YR5/3-Moist); ; Sandy loam; Massive grade of structure; Earthy fabric; 2-10%, fine gravelly, 2-6mm, subangular, Substrate material, coarse fragments; , Calcareous, , , , Gypseous, , ; Field pH 7 (Raupach, 0.3); Clear change to -
B21	0.45 - 1.3 m	Yellowish brown (10YR5/6-Moist); ; Light clay; Weak grade of structure, 20-50 mm, Angular blocky; Many (>5 per 100mm <sup>2</sup> ) Very fine (0.075-1mm) macropores, 20-50%, medium gravelly, 6-20mm, subangular, Substrate material, coarse fragments; , Calcareous, , , , Gypseous, , ; Field pH 9 (Raupach, 1); Gradual change to -
B22	1.3 - 1.9 m	Light olive brown (2.5Y5/4-Moist); ; Medium clay (Light); Moderate grade of structure, 20-50 mm, Subangular blocky; 10-20%, medium gravelly, 6-20mm, subangular, Substrate material, coarse fragments; , Calcareous, , , , Gypseous, , ; Field pH 9 (Raupach, 1.5);

#### Morphological Notes

#### Observation Notes

#### Site Notes

**Laboratory Test Results:**

0.45 - 1.3	6.9A
1.3 - 1.9	9.2A

0.45 - 1.3  
1.3 - 1.9

0.45 - 1.3  
1.3 - 1.9

**Project Name:** Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLD  
**Project Code:** DLR                      **Site ID:** 1278                      **Observation ID:** 1  
**Agency Name:** QLD Department of Primary Industries

**Laboratory Analyses Completed for this profile**

4A1                      pH of 1:5 soil/water suspension