

**Project Name:** Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD  
**Project Code:** DLR **Site ID:** 2086 **Observation ID:** 1  
**Agency Name:** QLD Department of Primary Industries

#### Site Information

<b>Desc. By:</b>	Barry, Earl	<b>Locality:</b>	
<b>Date Desc.:</b>	23/06/93	<b>Elevation:</b>	250 metres
<b>Map Ref.:</b>	Sheet No. : 8154 GPS	<b>Rainfall:</b>	No Data
<b>Northing/Long.:</b>	7616595 AMG zone: 55	<b>Runoff:</b>	Moderately rapid
<b>Easting/Lat.:</b>	443021 Datum: AGD66	<b>Drainage:</b>	Well 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>	Level
<b>Slope:</b>	1 %	<b>Aspect:</b>	No Data

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

#### Erosion:

#### Soil Classification

<b>Australian Soil Classification:</b>		<b>Mapping Unit:</b>	N/A
No Available Class Regolith Leptic Rudosol Non-gravelly Loamy Very deep		<b>Principal Profile Form:</b>	Um1.23
<b>ASC Confidence:</b>	No analytical data are available but confidence is fair.	<b>Great Soil Group:</b>	Earthy sand

**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, Heteropogon contortus,  
Bothriochloa species Mid Strata - Tree, 1.01-3m, Isolated plants. \*Species includes - Eremophila mitchellii,  
Hakea species

Tall Strata - Tree, 6.01-12m, Mid-dense. \*Species includes - Eucalyptus melanophloia

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

#### Profile Morphology

A11	0 - 0.1 m	Reddish brown (5YR4/4-Moist); ; Sandy clay loam; Weak grade of structure, 5-10 mm, Platy; Rough-ped fabric; Dry; Weak consistence; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.05); Clear change to -
A12	0.1 - 0.3 m	Yellowish red (5YR4/6-Moist); ; Sandy clay loam (Light); Massive grade of structure; Sandy (grains prominent) fabric; Dry; Firm consistence; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.25); Gradual change to -
B21	0.3 - 0.5 m	Yellowish red (5YR4/6-Moist); ; Sandy clay loam; Massive grade of structure; Sandy (grains prominent) fabric; Dry; Firm consistence; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.4); Gradual change to -
B22	0.5 - 0.72 m	Reddish brown (2.5YR4/4-Moist); ; Sandy clay loam; Massive grade of structure; Sandy (grains prominent) fabric; Dry; Firm consistence; , Calcareous, , , , Gypseous, , , Field pH 6.5 (Raupach, 0.6); Gradual change to -
B23	0.72 - 1.3 m	Red (2.5YR4/6-Moist); ; Sandy clay loam; Massive grade of structure; Sandy (grains prominent) fabric; Dry; Firm consistence; , Calcareous, , , , Gypseous, , , Field pH 7 (Raupach, 1.2);

#### 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			%
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Laboratory Analyses Completed for this profile