

**Project Name:** Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD  
**Project Code:** DLR **Site ID:** 2003 **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>	07/06/93	<b>Elevation:</b>	260 metres
<b>Map Ref.:</b>	Sheet No. : 8255 GPS	<b>Rainfall:</b>	No Data
<b>Northing/Long.:</b>	7630838 AMG zone: 55	<b>Runoff:</b>	Very slow
<b>Easting/Lat.:</b>	465915 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>	Undulating low hills 30-90m 3-10%	<b>Pattern Type:</b>	No Data
<b>Morph. Type:</b>	Lower-slope	<b>Relief:</b>	No Data
<b>Elem. Type:</b>	Stream channel	<b>Slope Category:</b>	Gently inclined
<b>Slope:</b>	6 %	<b>Aspect:</b>	No Data

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

#### Erosion:

#### Soil Classification

<b>Australian Soil Classification:</b>	<b>Mapping Unit:</b>	N/A
Basic Regolithic Orthic Tenosol Thick Non-gravelly Loamy Sandy Deep	<b>Principal Profile Form:</b>	Uc5.21
<b>ASC Confidence:</b>	<b>Great Soil Group:</b>	Earthy sand

No analytical data are available but confidence is fair.

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

**Vegetation:** Low Strata - Hummock grass, 0.26-0.5m, Sparse. \*Species includes - Triodia mitchellii  
Mid Strata - Tree, 1.01-3m, Sparse. \*Species includes - Acacia spectabilis, Petalostigma pubescens, Phebalium glandulosum  
Tall Strata - Tree, 12.01-20m, Sparse. \*Species includes - Eucalyptus polycarpa, Eucalyptus papuana,

Eucalyptus

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

#### Profile Morphology

A11	0 - 0.1 m	Brown (10YR4/3-Moist); ; Fine sandy loam (Light); Massive grade of structure; Sandy (grains prominent) fabric; Dry; Weak consistence; , Calcareous, , , , Gypseous, , ; Clear change to -
A12	0.1 - 0.4 m	Strong brown (7.5YR4/6-Moist); ; Clayey fine sand; Massive grade of structure; Earthy fabric; Dry; Weak consistence; , Calcareous, , , , Gypseous, , ; Gradual change to -
B2	0.4 - 0.85 m	Strong brown (7.5YR5/6-Moist); ; Clayey fine sand; Massive grade of structure; Earthy fabric; Dry; Weak consistence; , Calcareous, , , , Gypseous, , ;

#### Morphological Notes

#### Observation Notes

#### Site Notes

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Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations			Exchangeable Acidity		CEC	ECEC	ESP
m		dS/m	Ca	Mg	K	Na				%
						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
		Sat.	0.05 Bar	0.1 Bar	0.5 Bar	1 Bar	5 Bar	15 Bar	
m					g/g -	m3/m3			mm/h

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Laboratory Analyses Completed for this profile