

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1622 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	M.G. Cannon	Locality:	
Date Desc.:	20/04/93	Elevation:	No Data
Map Ref.:	Sheet No. : 7955 GPS	Rainfall:	No Data
Northing/Long.:	7648575 AMG zone: 55	Runoff:	No Data
Easting/Lat.:	334357 Datum: AGD66	Drainage:	No Data

Geology

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

Land Form

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

Surface Soil Condition (dry): Soft, Loose

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Humosequic Fluvis Bleached-Leptic Tenosol Very thick Non-gravelly Sandy Sandy Deep		Principal Profile Form:	Uc2
ASC Confidence:		Great Soil Group:	Siliceous sand

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 - Tripogon loliiformis, Aristida species
Mid Strata - Tree, 3.01-6m, Sparse. *Species includes - Eucalyptus cambageana, Grevillea striata
Tall Strata - Tree, 12.01-20m, Isolated plants. *Species includes - Eucalyptus polycarpa

Surface Coarse Fragments:

Profile Morphology

A11	0 - 0.1 m	Greyish brown (10YR5/2-Moist); ; Fine sand; Single grain grade of structure; Sandy (grains prominent) fabric; Dry; Loose consistence; , Calcareous, , , , Gypseous, , , Field pH 6.5 (Raupach, 0.05); Clear change to -
A12	0.1 - 0.2 m	Light brown (7.5YR6/4-Moist); ; Fine sand; Single grain grade of structure; Sandy (grains prominent) fabric; Dry; Loose consistence; , Calcareous, , , , Gypseous, , , Gradual change to -
A2e	0.2 - 0.5 m	White (10YR8/1-Moist); ; Fine sand; Single grain grade of structure; Sandy (grains prominent) fabric; Dry; Loose consistence; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.4);

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	Acidity					%
						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
m		Sat.	0.05 Bar	0.1 Bar	0.5 Bar	1 Bar	5 Bar	15 Bar		
					g/g -	m3/m3			mm/h	mm/h

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Laboratory Analyses Completed for this profile