

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1627 **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. : 7956 GPS	Rainfall:	No Data
Northing/Long.:	7627015 AMG zone: 55	Runoff:	No Data
Easting/Lat.:	328730 Datum: AGD66	Drainage:	No Data

Geology

ExposureType:	No Data	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	No Data

Land Form

Rel/Slope Class:	Gently undulating rises 9-30m 1-3%	Pattern Type:	Plain
Morph. Type:	Flat	Relief:	No Data
Elem. Type:	Plain	Slope Category:	Gently inclined
Slope:	2 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Haplic Eutrophic Red Kandosol Thin Non-gravelly Clay-loamy Clay-loamy Very deep		Principal Profile Form:	Gn2.12
ASC Confidence:		Great Soil Group:	Red earth

Analytical data are incomplete but reasonable confidence.

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

Vegetation: Low Strata - Tussock grass, , . *Species includes - Bothriochloa ewartiana, Triodia mitchellii
Mid Strata - , , . *Species includes - Eucalyptus erythrophloia, Alphitonia excelsa, Acacia coriacea
Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - Eucalyptus crebra, Eucalyptus erythrophloia

Surface Coarse Fragments:

Profile Morphology

A1	0 - 0.06 m	Dark reddish brown (2.5YR3/4-Moist); ; Sandy clay loam (Light); Massive grade of structure; Earthy fabric; Dry; Very weak consistence; , Calcareous, , , , Gypseous, , ; Field pH 6.5 (Raupach, 0.05); Diffuse change to -
B2	0.06 - 0.4 m	Dark red (10R3/6-Moist); ; Sandy clay loam; Weak grade of structure, 10-20 mm, Subangular blocky; Earthy fabric; Dry; Firm consistence; , Calcareous, , , , Gypseous, , ; Field pH 7 (Raupach, 0.4);

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 mm/h

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Laboratory Analyses Completed for this profile