

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 2437 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Rogers, Gary	Locality:	
Date Desc.:	13/01/94	Elevation:	No Data
Map Ref.:	Sheet No. : 8158 GPS	Rainfall:	No Data
Northing/Long.:	7799308 AMG zone: 55	Runoff:	No Data
Easting/Lat.:	415560 Datum: AGD66	Drainage:	No Data

Geology

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

Land Form

Rel/Slope Class:	Gently undulating plains <9m 1-3%	Pattern Type:	Alluvial plain
Morph. Type:	No Data	Relief:	No Data
Elem. Type:	Terrace flat	Slope Category:	Very gently sloped
Slope:	2 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Haplic Eutrophic Brown Kandosol Thick Non-gravelly Loamy Clay-loamy Moderately deep	Principal Profile Form:	Gn1.45
ASC Confidence:	Great Soil Group:	No suitable

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,
Cenchrus ciliaris Mid Strata - Tree, 1.01-3m, Very sparse. *Species includes - Eucalyptus species, Erythroxylon australe, Alphitonia
Tall Strata - Tree, 12.01-20m, Sparse. *Species includes - Eucalyptus crebra, Eucalyptus tessellaris, Pleiogynium cerasiferum

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A11	0 - 0.15 m	Dark brown (10YR3/3-Moist); ; Fine sandy loam (Heavy); Massive grade of structure; Sandy (grains prominent) fabric; Moderately moist; Very firm consistence; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.05);
A2	0.15 - 0.42 m	Dark yellowish brown (10YR4/4-Moist); ; Fine sandy loam (Light); Massive grade of structure; Sandy (grains prominent) fabric; Dry; Firm consistence; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.3);
B2	0.42 - 0.9 m	Brown (7.5YR4/4-Moist); ; Fine sandy clay loam (Light); Massive grade of structure; Sandy (grains prominent) fabric; Dry; Firm consistence; , Calcareous, , , , Gypseous, , , Field pH 6.5 (Raupach, 0.9);

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	
		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