

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1131 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Rogers, Gary	Locality:	
Date Desc.:	21/05/92	Elevation:	No Data
Map Ref.:	Sheet No. : 8058 GPS	Rainfall:	No Data
Northing/Long.:	7796838 AMG zone: 55	Runoff:	No Data
Easting/Lat.:	390921 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, No Data

Land Form

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

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Reticulate Petroferric Yellow Kandosol Medium Non-gravelly Clay-loamy Clayey Moderately deep		Principal Profile Form:	Gn2.61
ASC Confidence:		Great Soil Group:	Yellow earth

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, 0.51-1m, Mid-dense. *Species includes - Aristida species, Chrysopogon fallax, Heteropogon

contortus Mid Strata - Tree, 1.01-3m, Isolated plants. *Species includes - Hakea species

Tall Strata - Tree, 6.01-12m, Isolated plants. *Species includes - Eucalyptus melanophloia

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A11	0 - 0.03 m	Very dark grey (10YR3/1-Moist); ; Sandy clay loam; Massive grade of structure; Sandy (grains prominent) fabric; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 0);
A12	0.03 - 0.15 m	Very dark greyish brown (10YR3/2-Moist); ; Sandy clay loam (Heavy); Massive grade of structure; Earthy fabric; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 0.1);
B1	0.15 - 0.3 m	Greyish brown (2.5Y5/3-Moist); ; Sandy light clay; Massive grade of structure; Earthy fabric; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 0.3);
B2	0.3 - 0.9 m	Olive yellow (2.5Y6/6-Moist); Mottles, 10YR58, 2-10% , 5-15mm, Prominent; Mottles, 2-10% ; Sandy light clay; Massive grade of structure; Earthy fabric; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 0.8);
BC	0.9 - 1.1 m	Light yellowish brown (2.5Y6/4-Moist); ; Clay loam, sandy; Massive grade of structure; Earthy fabric; Many (20 - 50 %), Ferruginous, Coarse (6 - 20 mm), Nodules; , Calcareous, , , , Gypseous, , ; Field pH 7 (Raupach, 1);

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