

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1711 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Rogers, Gary	Locality:	
Date Desc.:	12/05/93	Elevation:	No Data
Map Ref.:	Sheet No. : 8055 GPS	Rainfall:	No Data
Northing/Long.:	7674744 AMG zone: 55	Runoff:	Very slow
Easting/Lat.:	381648 Datum: AGD66	Drainage:	Well drained

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:	Alluvial plain
Morph. Type:	Flat	Relief:	No Data
Elem. Type:	Plain	Slope Category:	Level
Slope:	1 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Bleached Eutrophic Brown Kandosol Thick Non-gravelly Loamy Loamy Deep		Principal Profile Form:	Uc
ASC Confidence:		Great Soil Group:	Earthy sand
Confidence level not specified			

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

Vegetation: Low Strata - Tussock grass, 0.51-1m, Very sparse. *Species includes - Eriachne species, Aristida species
Mid Strata - Tree, 3.01-6m, Very sparse. *Species includes - Eucalyptus crebra, Planchonia careya
Tall Strata - Tree, 12.01-20m, Very sparse. *Species includes - Eucalyptus crebra, Eucalyptus papuana

Surface Coarse Fragments:

Profile Morphology

A11	0 - 0.1 m	Dark brown (10YR3/3-Moist); ; Sandy loam; Massive grade of structure; Sandy (grains prominent) fabric; Dry; Weak consistence; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.05);
A12	0.1 - 0.3 m	Brown (10YR4/3-Moist); ; Sandy loam; Massive grade of structure; Sandy (grains prominent) fabric; Dry; Weak consistence; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.2);
A2e	0.3 - 0.6 m	Light yellowish brown (10YR6/4-Moist); ; Sandy loam; Massive grade of structure; Earthy fabric; Dry; Weak consistence; , Calcareous, , , , Gypseous, , , Field pH 6.5 (Raupach, 0.5);
B2	0.6 - 1.15 m	Yellowish brown (10YR5/4-Moist); ; Sandy loam; Massive grade of structure; Earthy fabric; Dry; Weak consistence; Very few (0 - 2 %), Argillaceous, Coarse (6 - 20 mm), Soft segregations; , Calcareous, , , , Gypseous, , , Field pH 6.5 (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 Cmol (+)/kg	Acidity				%	
Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Particle GV	CS	Size FS	Analysis Silt	Clay
m	%	%	mg/kg	%	%	%	Mg/m3			%		
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