

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1960 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Bright, J (Mitch)	Locality:	
Date Desc.:	24/09/93	Elevation:	No Data
Map Ref.:	Sheet No. : 7858 GPS	Rainfall:	No Data
Northing/Long.:	7812306 AMG zone: 55	Runoff:	Slow
Easting/Lat.:	244184 Datum: AGD66	Drainage:	Moderately 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:	Plain
Morph. Type:	Flat	Relief:	No Data
Elem. Type:	Plain	Slope Category:	Level
Slope:	1 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Bleached Eutrophic Grey Chromosol Thick Non-gravelly Sandy Clayey Moderately deep		Principal Profile Form:	Dy2.42

ASC Confidence:		Great Soil Group:	Soloth
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 - Bothriochloa decipiens, Heteropogon contortus,
Chrysopogon fallax Mid Strata - Tree, 1.01-3m, Isolated clumps. *Species includes - Eucalyptus crebra, Petalostigma pubescens

Tall Strata - Tree, 12.01-20m, Sparse. *Species includes - Eucalyptus crebra, Eucalyptus brownii

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1	0 - 0.08 m	Dark brown (10YR3/3-Moist); ; Loamy coarse sand; Moderate grade of structure, 10-20 mm, Platy; Smooth-ped fabric; Dry; Weak consistence; , Calcareous, , , , Gypseous, , , ; Field pH 6 (Raupach, 0.05);
A2e	0.08 - 0.4 m	Light brownish grey (10YR6/2-Moist); ; Clayey sand; Massive grade of structure; Sandy (grains prominent) fabric; Dry; Weak consistence; Few (2 - 10 %), Ferromanganiferous, Medium (2 -6 mm), Nodules; , Calcareous, , , , Gypseous, , , ; Field pH 7 (Raupach, 0.4);
B21	0.4 - 0.6 m	Light brownish grey (10YR6/2-Moist); ; Coarse sandy light clay; Moderate grade of structure; Dry; Strong consistence; Few (2 - 10 %), Ferromanganiferous, Medium (2 -6 mm), Nodules; , Calcareous, , , , Gypseous, , , ; Field pH 7 (Raupach, 0.6);

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	Size CS	Analysis FS	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