

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 915 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	M.G. Cannon	Locality:	
Date Desc.:	22/04/92	Elevation:	No Data
Map Ref.:	Sheet No. : 8256 GPS	Rainfall:	No Data
Northing/Long.:	7700676 AMG zone: 55	Runoff:	No Data
Easting/Lat.:	453053 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:	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
Eutrophic Subnatric Grey Sodosol Medium Non-gravelly Sandy Silty Deep	Principal Profile Form:	Dy3.43
ASC Confidence:	Great Soil Group:	Solodic soil

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, Isolated plants. *Species includes - Sporobolus caroli
Mid Strata - Tree, 3.01-6m, Sparse. *Species includes - Eremophila mitchellii, Owenia acidula, Lysipillum carronii

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

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1	0 - 0.05 m	Brown (10YR5/3-Moist); ; Fine sand; Massive grade of structure; Dry; Very weak consistence; , Calcareous, , , , Gypseous, , , Field pH 6.5 (Raupach, 0.05);
A2e	0.05 - 0.25 m	Brown (10YR5/3-Moist); ; Fine sand; Massive grade of structure; Dry; Very weak consistence; , Calcareous, , , , Gypseous, , , Field pH 7 (Raupach, 0.2);
B21	0.25 - 0.7 m	Dark greyish brown (10YR4/2-Moist); Mottles, 0-2% , 0-5mm, Faint; Mottles, 0-2% ; Silty medium clay; Strong grade of structure; Moderately moist; Very firm consistence; , Calcareous, , , , Gypseous, , , Field pH 7.5 (Raupach, 0.5);
B22	0.7 - 1 m	Very dark grey (10YR3/1-Moist); Mottles, 2-10% , 0-5mm, Distinct; Mottles, 2-10% ; Silty light clay; Strong grade of structure; Moderately moist; Very firm consistence; , Calcareous, , , , Gypseous, , , Field pH 8 (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	
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