

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 886 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	M.G. Cannon	Locality:	
Date Desc.:	19/11/91	Elevation:	270 metres
Map Ref.:	Sheet No. : 8256 GPS	Rainfall:	No Data
Northing/Long.:	7701004 AMG zone: 55	Runoff:	No Data
Easting/Lat.:	460076 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:	Level plain <9m <1%	Pattern Type:	Alluvial plain
Morph. Type:	Flat	Relief:	No Data
Elem. Type:	Plain	Slope Category:	Level
Slope:	2 %	Aspect:	No Data

Surface Soil Condition (dry): Loose

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Eutrophic Subnatric Grey Sodosol Very thick Non-gravelly Sandy Clay-loamy Moderately deep	Principal Profile Form:	Dy4.83

ASC Confidence:	Great Soil Group:	N/A
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, Mid-dense. *Species includes - Chloris species, Heteropogon contortus, Aristida species Mid Strata - Tree, 1.01-3m, Sparse. *Species includes - Grevillea species
Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - Eucalyptus brownii, Eucalyptus papuana, Eucalyptus platyphylla

Surface Coarse Fragments:

Profile Morphology

A11	0 - 0.08 m	Dark greyish brown (10YR4/2-Moist); ; Sand; Single grain grade of structure; Sandy (grains prominent) fabric; Moderately moist; Very weak consistence; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 0.05);
A12j	0.08 - 0.28 m	Greyish brown (10YR5/2-Moist); ; Sand; Single grain grade of structure; Sandy (grains prominent) fabric; Moderately moist; Very weak consistence; , Calcareous, , , , Gypseous, , ;
A2e	0.28 - 0.6 m	Light yellowish brown (10YR6/4-Moist); ; Sand; Single grain grade of structure; Sandy (grains prominent) fabric; Dry; Very weak consistence; , Calcareous, , , , Gypseous, , ; Field pH 8 (Raupach, 0.6);
B2	0.6 - 0.62 m	Light grey (10YR7/2-Moist); ; Coarse sandy clay loam; Massive grade of structure; Sandy (grains prominent) fabric; Dry; Very strong consistence; , Calcareous, , , , Gypseous, , ; Silcrete, Moderately cemented, Continuous, Massive;

Morphological Notes

Observation Notes

Site Notes

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Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations		Exchangeable Acidity		CEC	ECEC	ESP
m		dS/m	Ca	Mg	K	Na			%
						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