

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 892 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	M.G. Cannon	Locality:	
Date Desc.:	19/11/91	Elevation:	No Data
Map Ref.:	Sheet No. : 8256 GPS	Rainfall:	No Data
Northing/Long.:	7689984 AMG zone: 55	Runoff:	No Data
Easting/Lat.:	465792 Datum: AGD66	Drainage:	No Data

Geology

Exposure Type:	No Data	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	Existing vertical exposure, Siltstone

Land Form

Rel/Slope Class:	Undulating rises 9-30m 3-10%	Pattern Type:	Low hills
Morph. Type:	Mid-slope	Relief:	No Data
Elem. Type:	Hillslope	Slope Category:	Gently inclined
Slope:	5 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Mottled Eutrophic Yellow Chromosol Medium Non-gravelly Loamy Clayey Moderately deep	Principal Profile Form:	Dy3.32

ASC Confidence:

No analytical data are available but confidence is fair.

Great Soil Group: N/A

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

Vegetation: Low Strata - Tussock grass, 0.26-0.5m, Sparse. *Species includes - Heteropogon contortus, Aristida species, Chrysopogon fallax Mid Strata - , , . *Species includes - None recorded

Tall Strata - Tree, 3.01-6m, Sparse. *Species includes - Eucalyptus crebra, Eucalyptus papuana

Surface Coarse Fragments:

Profile Morphology

A1	0 - 0.05 m	Brown (10YR4/3-Moist); ; Sandy loam; Massive grade of structure; , Calcareous, , , , Gypseous, , ; Field pH 6.5 (Raupach, 0.05);
A2j	0.05 - 0.22 m	Brown (10YR5/3-Moist); ; Sandy loam; Massive grade of structure; , Calcareous, , , , Gypseous, , ;
B21	0.22 - 0.4 m	Brownish yellow (10YR6/6-Moist); Mottles, 2.5YR48, 20-50% , Prominent; Mottles, 20-50% ; Medium clay; Strong grade of structure, 5-10 mm, Subangular blocky; , Calcareous, , , , Gypseous, , ; Field pH 6.5 (Raupach, 0.3);
BC	0.4 - 0.7 m	Yellowish brown (10YR5/4-Moist); Mottles, 10YR56, 20-50% , Faint; Mottles, 20-50% ; Medium clay; Strong grade of structure, 5-10 mm, Subangular blocky; 20-50%, subangular platy, Siltstone, coarse fragments; , Calcareous, , , , Gypseous, , ; Field pH 6.5 (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	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