

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 2296 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	M.G. Cannon	Locality:	
Date Desc.:	04/11/93	Elevation:	No Data
Map Ref.:	Sheet No. : 7954 GPS	Rainfall:	No Data
Northing/Long.:	7891171 AMG zone: 55	Runoff:	No Data
Easting/Lat.:	327965 Datum: AGD66	Drainage:	No Data

Geology

ExposureType:	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:	Rises
Morph. Type:	Upper-slope	Relief:	No Data
Elem. Type:	No Data	Slope Category:	Gently inclined
Slope:	3 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Mottled Eutrophic Brown Chromosol		Principal Profile Form:	Dy3.32
ASC Confidence:		Great Soil Group:	Yellow podzolic 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, 0.51-1m, Isolated plants. *Species includes - Unknown species, Unknown species, Unknown species
Mid Strata - , , . *Species includes - Eucalyptus shirleyi, Erythroxylon australe, Eucalyptus papuana

Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - Eucalyptus shirleyi

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1	0 - 0.05 m	Greyish brown (2.5Y5/3-Moist); ; Sandy loam; Massive grade of structure; Dry; Weak consistence; , Calcareous, , , , Gypseous, , , Field pH 5.8 (Raupach, 0.02);
A2	0.05 - 0.18 m	Yellowish brown (10YR5/8-Moist); ; Sandy loam (Heavy); Massive grade of structure; Dry; Weak consistence; 10-20%, medium gravelly, 6-20mm, subangular platy, dispersed, Metamorphic rock (unidentified), coarse fragments; , Calcareous, , , , Gypseous, , , Field pH 5.8
B21	0.18 - 0.4 m	Yellowish brown (10YR5/6-Moist); Mottles, 5YR46, 10-20% , 0-5mm, Distinct; Mottles, 10-20% ; Medium clay; Moderate grade of structure, 5-10 mm, Angular blocky; Dry; 10-20%, medium gravelly, 6-20mm, subangular platy, dispersed, Metamorphic rock (unidentified), coarse fragments; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.3);
B22	0.4 - 0.7 m	Yellowish brown (10YR5/8-Moist); Substrate influence, 5YR46, 2-10% , 0-5mm, Distinct; Substrate influence, 2-10% ; Medium clay; Moderate grade of structure, 5-10 mm, Angular blocky; Dry; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.6);

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