

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 674 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	M.G. Cannon	Locality:	
Date Desc.:	18/07/91	Elevation:	No Data
Map Ref.:	Sheet No. : 8254 GPS	Rainfall:	No Data
Northing/Long.:	7620648 AMG zone: 55	Runoff:	No Data
Easting/Lat.:	482683 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 rises 9-30m 1-3%	Pattern Type:	Plain
Morph. Type:	Flat	Relief:	No Data
Elem. Type:	Summit surface	Slope Category:	Level
Slope:	%	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Sodosol		Principal Profile Form:	Dy3.4
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, 0.51-1m, Sparse. *Species includes - Bothriochloa decipiens, Dichanthium species, Themeda triandra Mid Strata - , , . *Species includes - None recorded

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

Surface Coarse Fragments:

Profile Morphology

A1	0 - 0.22 m	Brown (7.5YR5/2-Moist); ; Fine sandy clay loam; Weak grade of structure, 10-20 mm, Subangular blocky; Many (>5 per 100mm ²) Very fine (0.075-1mm) macropores, Dry; Weak consistence; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 0.05); Common, very fine (0-
A2	0.22 - 0.4 m	Brown (10YR5/3-Moist); ; Clay loam, fine sandy; Weak grade of structure, 5-10 mm, Subangular blocky; Few (<1 per 100mm ²) Very fine (0.075-1mm) macropores, Dry; Strong consistence; , Calcareous, , , , Gypseous, , ; Field pH 6.5 (Raupach, 0.3); Few, coarse (>5mm) roots;
	0.4 - 0.9 m	; , 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	Acidity					%
						Cmol (+)/kg						
Depth	CaCO3	Organic	Avail.	Total	Total	Total	Bulk	Particle		Size	Analysis	
m	%	C	P	P	N	K	Density	GV	CS	FS	Silt	Clay
		%	mg/kg	%	%	%	Mg/m3			%		
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