

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 2080 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Barry, Earl	Locality:	
Date Desc.:	22/06/93	Elevation:	No Data
Map Ref.:	Sheet No. : 8255 GPS	Rainfall:	No Data
Northing/Long.:	7649304 AMG zone: 55	Runoff:	Rapid
Easting/Lat.:	450428 Datum: AGD66	Drainage:	Moderately well drained

Geology

Exposure Type:	No Data	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	Undisturbed soil core, No Data

Land Form

Rel/Slope Class:	Level plain <9m <1%	Pattern Type:	Plain
Morph. Type:	Flat	Relief:	No Data
Elem. Type:	Plain	Slope Category:	Level
Slope:	1 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Haplic Eutrophic Red Dermosol Medium Non-gravelly Clay-loamy Clayey Moderately deep	Principal Profile Form:	Gn4.2
ASC Confidence:	Great Soil Group:	Red earth

No analytical data are available but confidence is fair.

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

Vegetation: Low Strata - Hummock grass, 0.26-0.5m, Sparse. *Species includes - Triodia mitchellii, Cymbopogon bombycinus, Iseilema vaginiflorum Mid Strata - Shrub, 0.26-0.5m, Isolated plants. *Species includes - Thryptomene parviflora

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

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A11	0 - 0.12 m	Dark brown (10YR3/3-Moist); ; Clay loam (Heavy); Weak grade of structure, 5-10 mm, Polyhedral; Rough-ped fabric; Dry; Very firm consistence; , Calcareous, , , Gypseous, , ; Field pH 5 (Raupach, 0.05); Clear change to -
A2j	0.12 - 0.3 m	Dark yellowish brown (10YR4/4-Moist); ; Light clay; Weak grade of structure, 10-20 mm, Polyhedral; Rough-ped fabric; Dry; Very firm consistence; , Calcareous, , , Gypseous, , ; Field pH 5.5 (Raupach, 0.15);
B21	0.3 - 0.7 m	Yellowish red (5YR4/6-Moist); ; Light clay; Dry; , Calcareous, , , Gypseous, , ; Field pH 6 (Raupach, 0.4);
B22	0.7 - 0.8 m	Dark red (2.5YR3/6-Moist); ; Light clay (Heavy); Dry; , Calcareous, , , Gypseous, , ; Field pH 7 (Raupach, 0.8);

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