

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 2079 **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.:	7647110 AMG zone: 55	Runoff:	No Data
Easting/Lat.:	457645 Datum: AGD66	Drainage:	No Data

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:	Undulating rises 9-30m 3-10%	Pattern Type:	Rises
Morph. Type:	Simple-slope	Relief:	No Data
Elem. Type:	Hillslope	Slope Category:	Gently inclined
Slope:	4 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Bleached-Sodic Eutrophic Brown Dermosol Thin Non-gravelly Loamy Clayey Deep		Principal Profile Form:	Gn2.96
ASC Confidence:		Great Soil Group:	Yellow 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, <0.25m, Very sparse. *Species includes - *Triodia mitchellii*
Mid Strata - Tree, 3.01-6m, Sparse. *Species includes - *Eremophila mitchellii*
Tall Strata - Tree, 12.01-20m, Mid-dense. *Species includes - *Eucalyptus thozetiana*, *Eucalyptus species*,
Eucalyptus brownii

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1	0 - 0.03 m	Brown (10YR4/3-Moist); ; Sandy loam; Massive grade of structure; Earthy fabric; Dry; Firm consistence; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.02); Clear change to -
A2e	0.03 - 0.15 m	Yellowish brown (10YR5/4-Moist); ; Sandy clay loam; Massive grade of structure; Earthy fabric; Dry; Firm consistence; , Calcareous, , , , Gypseous, , , Field pH 7 (Raupach, 0.1); Gradual change to -
	0.15 - 0.7 m	Strong brown (7.5YR5/6-Moist); Mottles, 10YR64; Mottles; Sandy light clay; Moderate grade of structure, 10-20 mm, Subangular blocky; Rough-ped fabric; Very firm consistence; 2-10%, medium gravelly, 6-20mm, subrounded, Ironstone, coarse fragments; , Calcareous, , , , Gypseous, , , Field pH 9 (Raupach, 0.5); Gradual change to -
B22	0.7 - 0.9 m	Reddish brown (5YR5/4-Moist); ; Sandy light clay; Dry; 0-2%, medium gravelly, 6-20mm, subrounded, Ironstone, coarse fragments; , Calcareous, , , , Gypseous, , , Field pH 9 (Raupach, 0.9);

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 Cmol (+)/kg	Acidity				%	
Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Particle GV	CS	Size FS	Analysis Silt	Clay
m	%	%	mg/kg	%	%	%	Mg/m3			%		
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