

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1750 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Barry, Earl	Locality:	
Date Desc.:	12/05/93	Elevation:	No Data
Map Ref.:	Sheet No. : 8055 GPS	Rainfall:	No Data
Northing/Long.:	7668056 AMG zone: 55	Runoff:	No Data
Easting/Lat.:	371078 Datum: AGD66	Drainage:	No Data

Geology

Exposure Type:	No Data	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	No Data

Land Form

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

Surface Soil Condition (dry): Loose

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Mottled Eutrophic Yellow Kandosol Thin Non-gravelly Sandy Clayey Deep	Principal Profile Form:	Gn2.64
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, 0.51-1m, Sparse. *Species includes - Triodia mitchellii, Aristida species, Eriachne species

Mid Strata - Shrub, 1.01-3m, Very sparse. *Species includes - Melaleuca species, Acacia species

Tall Strata - Tree, 6.01-12m, Very sparse. *Species includes - Eucalyptus papuana, Eucalyptus melanophloia, Eucalyptus setosa

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1	0 - 0.1 m	Dark brown (10YR3/3-Moist); ; Loamy sand; Massive grade of structure; Dry; Weak consistence; , Calcareous, , , , Gypseous, , , ; Field pH 6.5 (Raupach, 0.05); Clear change to -
A2	0.1 - 0.5 m	Brownish yellow (10YR6/6-Moist); ; Clayey sand; Single grain grade of structure; Dry; Very weak consistence; , Calcareous, , , , Gypseous, , , ; Field pH 6 (Raupach, 0.45); Gradual change to -
A3	0.5 - 0.6 m	Brownish yellow (10YR6/6-Moist); ; Sandy loam (Light); Single grain grade of structure; Dry; Very weak consistence; , Calcareous, , , , Gypseous, , , ; Field pH 6 (Raupach, 0.55); Gradual change to -
B21	0.6 - 0.7 m	Brownish yellow (10YR6/8-Moist); ; Sandy clay loam; Massive grade of structure; Dry; Firm consistence; , Calcareous, , , , Gypseous, , , ; Field pH 6 (Raupach, 0.65); Gradual change to -
B22	0.7 - 1.1 m	Brownish yellow (10YR6/8-Moist); Mottles, 7.5YR5/6, 0-2% , 0-5mm, Faint; Mottles, 0-2% ; Sandy light clay; Massive grade of structure; Dry; Very firm consistence; , Calcareous, , , , Gypseous, , , ; Field pH 6 (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		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