

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 2070 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Rogers, Gary	Locality:	
Date Desc.:	11/06/93	Elevation:	No Data
Map Ref.:	Sheet No. : 8255 GPS	Rainfall:	No Data
Northing/Long.:	7628257 AMG zone: 55	Runoff:	Slow
Easting/Lat.:	445051 Datum: AGD66	Drainage:	Moderately well drained

Geology

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

Land Form

Rel/Slope Class:	Gently undulating rises 9-30m 1-3%	Pattern Type:	Rises
Morph. Type:	Crest	Relief:	No Data
Elem. Type:	Hillcrest	Slope Category:	Very gently sloped
Slope:	3 %	Aspect:	No Data

Surface Soil Condition (dry): Firm, Loose

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Mottled Eutrophic Yellow Chromosol Thick Non-gravelly Sandy Clayey Moderately deep		Principal Profile Form:	Dy4.23
ASC Confidence:	No analytical data are available but confidence is fair.	Great Soil Group:	No suitable group

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

Vegetation: Low Strata - Hummock grass, 0.51-1m, Sparse. *Species includes - Triodia mitchellii
Mid Strata - Tree, 3.01-6m, Very sparse. *Species includes - Grevillea species, Melaleuca species, Acacia species
Tall Strata - Tree, 12.01-20m, Very sparse. *Species includes - Eucalyptus similis, Eucalyptus polycarpa, Eucalyptus papuana

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1	0 - 0.12 m	Dark brown (10YR3/3-Moist); ; Loamy sand; Massive grade of structure; Sandy (grains prominent) fabric; Dry; Weak consistence; ; Calcareous, , , ; Gypseous, , ; Field pH 6 (Raupach, 0.05); Clear change to -
A2	0.12 - 0.4 m	Yellowish brown (10YR5/4-Moist); ; Sand; Single grain grade of structure; Sandy (grains prominent) fabric; Dry; Weak consistence; 10-20%, medium gravelly, 6-20mm, rounded, Quartz, coarse fragments; ; Calcareous, , , ; Gypseous, , ; Field pH 6.5 (Raupach, 0.2); Abrupt change to -
B2	0.4 - 0.52 m	Light yellowish brown (2.5Y6/4-Moist); ; Sandy medium clay; Moderate grade of structure, 20-50 mm, Columnar; Smooth-ped fabric; Moderately moist; Very firm consistence; 0-2%, medium gravelly, 6-20mm, rounded, Quartz, coarse fragments; ; Calcareous, , , ; Gypseous, , ; Field pH 6 (Raupach, 0.5);
C	0.52 - 1 m	Light brownish grey (2.5Y6/3-Moist); Mottles, 2.5YR4/8, 10-20% , 5-15mm, Distinct; Mottles, 10-20% ; ; Calcareous, , , ; Gypseous, , ; Field pH 8 (Raupach, 1);

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			%

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Laboratory Analyses Completed for this profile